

TPC BenchmarkTMC

Full Disclosure Report

Fujitsu

PRIMEPOWER 2000 c/s

w/ 32 Front-Ends

running

SymfoWARE Server

Enterprise Edition for VLM 3.0

April 13, 2001(Upgrade to V5)

March 16, 2001(Original)

The benchmark results contained in this document were submitted for compliance with version 5 of the TPC Benchmark C Standard Specification. The result of that action is to place these benchmark results into the sixty day "under review" status as of April 13, 2001.

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Benchmark results are highly dependent upon workload, specific application requirements, and system design and implementation. Relative system performance will vary as a result of these and other factors. Therefore TPC Benchmark C should not be used as a substitute for a specific customer application benchmark when critical capacity planning and/or product evaluation decisions are contemplated.

All performance data contained in this report were obtained in a rigorously controlled environment. Results obtained in other operating environments may vary significantly. Fujitsu does not warrant or represent that a user can or will achieve similar performance expressed in transactions per minute (tpmC) or normalized price/performance (\$/tpmC). No warranty of system performance or price/performance is expressed or implied in this report.

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First Edition April 13, 2001

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Preface

The TPC Benchmark C was developed by the Transaction Processing Performance Council (TPC). The TPC was founded to define transaction processing benchmarks and to disseminate objective, verifiable performance data to the industry. This full disclosure report is based on the TPC Benchmark C Standard Specifications Version 5, released February 26th, 2001.

TPC Benchmark C Overview

The TPC describes this benchmark in Clause 0.1 of the specifications as follows:

TPC Benchmark C is an On Line Transaction Processing (OLTP) workload. It is a mixture of read-only and update intensive transactions that simulate the activities found in complex OLTP application environments. It does so by exercising a breadth of system components associated with such environments, which are characterized by:

- The simultaneous execution of multiple transaction types that span a breadth of complexity
- On-line and deferred transaction execution modes
- Multiple on-line terminal sessions
- Moderate system and application execution time
- Significant disk input/output
- Transaction integrity (ACID properties)
- Non-uniform distribution of data access through primary and secondary keys
- Databases consisting of many tables with a wide variety of sizes, attributes, and relationships
- Contention of data access and update

The performance metric reported by TPC-C is a “business throughput” measuring the number of orders processed per minute. Multiple transactions are used to simulate the business activity of processing an order, and each transaction is subject to a response time constraint. The performance metric for this benchmark is expressed in transactions-per-minute-C (tpmC). To be compliant with the TPC-C standard, all references to tpmC results must include the tpmC rate, the associated price-per-tpmC, and the availability date of the priced configuration.

Despite the fact that this benchmark offers a rich environment that emulates many OLTP applications, this benchmark does not reflect the entire range of OLTP requirements. In addition, the extent to which a customer can achieve the results reported by a vendor is highly dependent on how closely TPC-C approximates the customer application. The relative performance of systems derived from this benchmark does not necessarily hold for other workloads or environments. Extrapolations to other environments are not recommended.

Benchmark results are highly dependent upon workload, specific application requirements, and systems design and implementation. Relative system performance will vary as a result of these and other factors. Therefore, TPC-C should not be used as a substitute for a specific customer application benchmarking when critical capacity planning and/or product evaluation decisions are contemplated.

Abstract

Overview

This report documents the methodology and results of the TPC Benchmark C test conducted by Fujitsu Ltd. on the Fujitsu PRIMEPOWER 2000 c/s w/ 32 Front-Ends. The operating system used for the benchmark was Solaris 8. The DBMS used was SymfoWARE Server Enterprise Edition for VLM 3.0.

TPC Benchmark C Metrics

The standard TPC Benchmark C metrics, tpmC (transactions per minute), price per tpmC (five year capital cost per measured tpmC), and the availability date are reported as:

222,772.33 tpmC
\$43.42 per tpmC
June 30, 2001

Standard and Executive Summary Statements

The following pages contain the executive summary of results for this benchmark.

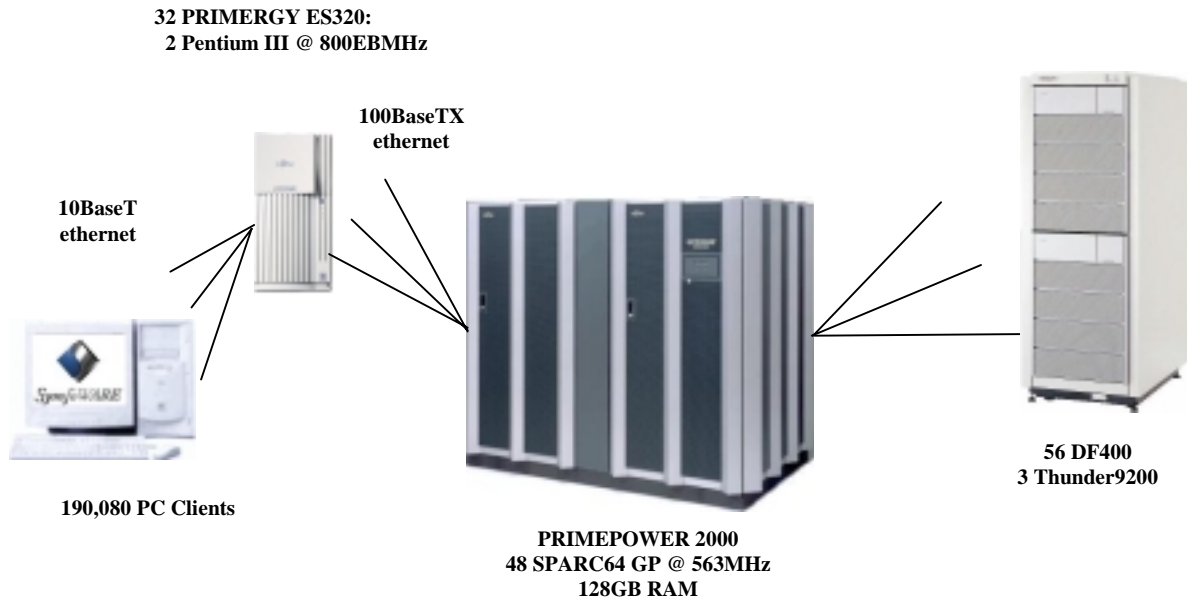
Auditor

The benchmark configuration, environment and methodology, along with the pricing model used to calculate the cost per tpmC, were audited by Francois Raab of InfoSizing to verify compliance with the relevant TPC specifications.

Priced Configuration

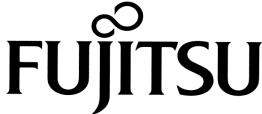
FUJITSU	PRIMEPOWER 2000 c/s w/ 32 Front-Ends		TPC-C Rev. 5 upgrade from TPC-C Rev. 3.5	
			Report Date: April 13, 2001 March 16, 2001(original)	
Total System Cost		TPC-C Throughput	Price/Performance	Availability Date
\$9,671,742		222,772.33 tpmC	\$43.42/tpmC	June 30, 2001
Processors	Database Manager	Operating system	Other Software	Number of users
48 SPARC64 GP @ 563MHz	SymfoWARE Server Enterprise Edition for VLM 3.0	Solaris 8	BEA Tuxedo 6.5 CFS, Microsoft Internet Information Server	190,080

PRIMEPOWER 2000 Priced Configuration



RDBMS SERVER			CLIENTS(EACH OF 32)	
	QTY	DESCRIPTION	QTY	DESCRIPTION
PROCESSOR	48	SPARC64 GP @ 563MHz	2	PENTIUM III @ 800MHz
CACHE MEMORY		8MB (EACH PROCESSOR)		256KB (EACH PROCESSOR)
MEMORY		128GB		768MB
DISK CONTROLLER	112	ULTRA WIDE DIFFERENTIAL SCSI	1	ULTRA2 WIDE SCSI
	6	FIBRE CHANNEL		
DISKS	300	18GB (15,000RPM)	1	9GB
	1,690	18GB (10,000RPM)		
	8	9GB(10,000RPM)		
TOTAL		33,004.74 GB		
TERMINAL	1	SYSTEM CONSOLE	1	17" MONITOR

Detailed Pricing Information

	<h2 style="margin: 0;">Detailed Pricing Information</h2> <h3 style="margin: 0;">PRIMEPOWER 2000 c/s w/ 32 Front-Ends</h3>	<p>TPC-C Rev 5 upgrade from TPC-C V3.5 Report Date: April 13, 2001 March 16, 2001(original)</p>
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Order Number	Description	Quantity	Third Party	Unit Price	Extended Price	Maintenance rate/unit	3 Years Maintenance
Server Hardware							
PP200C1U	PRIMEPOWER 2000 w/ 8 x SPARC64 GP 563MHz/8MB, 2 UltraSCSI/D Cards	1		595,000.00	595,000.00	638,829.60	3yr 638,829.60
GP7N7ER11U	System Expansion Cabinet for PRIMEPOWER 2000	1		68,600.00	68,600.00		3yr
PP087SB1U	System Board	14		45,500.00	637,000.00		3yr
PP081C11U	CPU Module (SPARC64 GP 560MHz/8MB)	40		15,750.00	630,000.00		3yr
-	Additional Memory (512MB)	0			0.00		3yr
GP7N2M61U	Additional Memory (1024MB)	128		6,300.00	806,400.00		3yr
GP7N7FT1U	Additional Fan Tray	7		1,750.00	12,250.00		3yr
GP7N7PU1U	Additional Power Supply	3		2,600.00	7,980.00		3yr
PP087FL1U	Disk Unit	2		1,680.00	3,360.00		3yr
PP087FL91U	Additional Disk Unit	2		672.00	1,344.00		3yr
PP083D911U	9GB 10,000rpm disk	8		574.00	4,592.00		3yr
PP083D1811U	18GB 10,000rpm disk	12		868.00	10,416.00		3yr
X1034A-X	Quad FastEthernet Card	2		1,256.50	2,513.00		3yr
X6541A-X	Dual Channel UltraSCSI/D Card	56		1,008.00	56,448.00		3yr
DCBL-SCP20	VHDCI - 68P SCSI cable (20m)	112		260.00	29,120.00		3yr
GP7B8FC1	Fibre Channel Card	6		976.50	5,859.00		3yr
DCBL-PCA20	Fibre Channel Interface cable for Optical	6		780.00	4,680.00		3yr
DF400-RK	Basic style of Rackmount	56	1	31,700.00	1,775,200.00	5,280.00	3yr 295,680.00
DF-F400-A5F18	Canister Unit of 17.8GB Drive 10,000rpm	1678	1	609.00	1,021,902.00		3yr
DF-F400-C32S	32MB Cache Unit	112	1	140.00	15,680.00		3yr
DF-F400-F1C	Control Unit	56	1	3,900.00	218,400.00		3yr
DF-F400-B1CC	Power Unit of Control Unit	112	1	640.00	71,680.00		3yr
DF-F400-B1CD	Power Unit of Disk Drive	112	1	640.00	71,680.00		3yr
DF-F400-U4J	Rack Frame for RK	28	1	12,106.00	338,968.00		3yr
DF-F400-URHP4	Rail for 19" Rack	28	1	950.00	26,600.00		3yr
DF500-RK	Basic style of Rackmount	3	1	20,307.31	60,921.93	3,116.00	3yr 9,348.00
DF500-RKA	Additional style of Rackmount	27	1	12,832.27	346,471.29	1,400.00	3yr 37,800.00
DF-F500-AAH18	Canister unit of 17.8GB Drive 15,000rpm	300	1	1,260.00	378,000.00		3yr
DF-F500-C256	256MB Cache unit	6	1	2,752.37	16,514.22		3yr
DF-F500-F1F	Control unit	3	1	7,867.63	23,602.89		3yr
DF-F500-U6	Rack for DF500-RK	3	1	6,053.00	18,159.00		3yr
DF-F500-URHT5	Rail for 19" Rack (U6)	30	1	475.00	14,250.00		3yr
PP020BPIU	PRIMEPOWER 2000/250 for System Console	1		5,270.00	5,270.00	11,890.08	3yr 11,890.08
PP022M41U	256MB Additional Memory	1		1,445.00	1,445.00		3yr
PP023D93U	9.1GB SCSI disk	1		697.00	697.00		3yr
GP7B3DT1U	Internal DDS3 Unit	1		799.00	799.00		3yr
X1033A-U	FastEthernet Card	1		590.75	590.75		3yr
X3668B-U	PGX32 Color FrameBuffer	1		250.75	250.75		3yr
X7143AA	17" Monitor	1		658.35	658.35		3yr
Server Hardware Subtotals					7,283,302.18		993,547.68
Server Software							
B23PDM8H0	Solaris 8 for PRIMEPOWER 2000	1		85.00	85.00	0.00	3yr 0.00
GP7N7CL9AU	System Console Software	1		2,140.67	2,140.67	0.00	3yr 0.00
B23G870H0	SymfoWARE Server Enterprise Edition for VLM 3.0 w/ 16 Processor License	1		251,000.00	251,000.00	50,200.00	3yr 150,600.00
B23G870CB	SymfoWARE Server Enterprise Edition for VLM 16 Processor License	2		170,000.00	340,000.00	34,000.00	3yr 204,000.00
B23P251HNH	SynfinityDisk	1		832.00	832.00	0.00	3yr 0.00
Server Software Subtotals					594,057.67		354,600.00
Client Hardware							
GP5T3CB1A	PRIMERGY ES320 w/ 1 x Pentium III 800MHz, 256MB memory, 1 x 10/100Base-TX	32		2,416.80	77,337.60	650.00	20,800.00
GP5-FG22B	Pentium III (800MHz)	32		647.90	20,732.80		3yr
GP5-RM25M	256MB memory	64		593.75	38,000.00		3yr
GP5-HDH9D	9GB SCSI disk	32		434.15	13,892.80		3yr
GP5-185	FastEthernet Adapter (10/100Base-TX)	64		126.35	8,086.40		3yr
X7143AA	17" Monitor	32		658.35	21,067.20		3yr
Client Hardware Subtotals					179,116.80		20,800.00
Client Software							
	Microsoft Windows 2000 Server SCAL	32	2	860.00	27,520.00	480.00	2yr 30,720.00
	Microsoft Visual C++ Professional 6.0	1	2	395.00	790.00	209.00	2yr 418.00
	BEA Tuxedo 6.5 CFS	32	3	3,000.00	96,000.00	690.00	3yr 66,240.00
Client Software Subtotals					123,915.00		97,378.00
User Connectivity							
WS-2924M-XL-EN	CISCO Catalyst 2924M-XL-EN 10/100 Ethernet Switch (24ports) *	8	2	1,838.00	14,704.00	430.00	10,320.00
User Connectivity Subtotals					14,704.00		10,320.00
Totals					8,195,095.65		1,476,645.68
3 Year cost							9,671,742
tpm C							222,772.33
\$ / tpm C							43.42
* : 10% or minimum of 2 spares are included.							
Third Party : 1 = Hitachi Data Systems							
2 = E.C.W. Enterprise, Inc. dba/HiQ Computer Systems							
3 = BEA Systems							

Notes:
 Results independently audited by Francois Raab of InfoSizing, Inc.
 28 unpriced GRANPOWER 5000 clients in the benchmarked configuration were substituted by 28 PRIMERGY ES320 clients in the priced configuration.

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these items, please inform the TPC at pricing@tpc.org. Thank you.

Numerical Quantities Summary						
PRIMEPOWER 2000 c/s w/ 32 Front-Ends						
SymfoWARE Server Enterprise Edition for VLM 3.0						
MQTH, Computed Maximum Qualified Throughput					222,772.33 tpmC	
Response Times (in seconds)	Average		90%		Max.	
New-Order	1.69		4.00		43.56	
Payment	1.51		3.72		48.94	
Order-Status	1.51		3.70		38.57	
Delivery (interactive portion)	0.33		0.30		13.70	
Delivery (deferred portion)	1.57		3.58		35.25	
Stock-Level	1.46		3.60		40.41	
Menu	0.33		0.17		13.78	
Transaction Mix, in percent of total transaction						
New-Order					44.79	
Payment					43.10	
Order-Status					4.05	
Delivery					4.03	
Stock-Level					4.02	
Emulation Delay (in seconds)			Resp. Time		Menu	
New-Order			.1		.1	
Payment			.1		.1	
Order-Status			.1		.1	
Delivery (interactive)			.1		.1	
Stock-Level			.1		.1	
Keying/Think Times (in seconds)		Min.		Average		Max.
New-Order		18.06 0.02		18.08 12.04		19.00 120.30
Payment		3.05 0.01		3.07 12.04		3.81 120.31
Order-Status		2.05 0.02		2.07 10.07		2.73 100.63
Delivery (interactive)		2.05 0.02		2.07 5.05		2.69 50.35
Stock-Level		2.05 0.01		2.07 5.05		2.92 50.41
Test Duration						
Ramp-up time (seconds)					3,891	
Measurement interval					1,800	
Transactions (all types) during measurement interval					14,920,368	
Checkpointing						
Number of checkpoints					1	
Checkpoint interval					1,800	
Reproducibility Run						
Reported measurement					222,772.33	
Reproducibility measurement					221,280.83	
Difference					0.67%	

Numerical Quantities for each client

Client	Priced Clients				Non-priced Clients			
	cl11	cl13	cl14	cl21	cl01	cl02	cl03	cl04
tpmC	6982.267	7057.867	6942.167	6921.4	6873.533	6898.133	6952.2	6863.8
menu-ave	0.268	0.199	0.312	0.34	0.379	0.328	0.282	0.346
menu-ninety	0.2	0.16	0.38	0.42	0.28	0.42	0.27	0.58
new-ave	1.664	1.469	1.797	1.83	1.903	1.898	1.778	2.005
new-ninety	3.841	3.39	4.2	4.13	4.3	4.39	4.12	4.54
new-think	12.032	12.039	12.008	12.01	12.035	12.091	11.989	12.031
new-keying	18.073	18.074	18.074	18.074	18.073	18.072	18.072	18.073
new-mix	44.84	44.741	44.866	44.752	44.713	44.773	44.764	44.806
pay-ave	1.486	1.311	1.623	1.65	1.711	1.699	1.606	1.818
pay-ninety	3.57	3.14	3.92	3.88	4	4.07	3.831	4.24
pay-think	12.089	12.055	12.05	11.981	12.058	11.998	12.015	12.048
pay-keying	3.063	3.063	3.063	3.063	3.063	3.062	3.062	3.062
pay-mix	43.077	43.109	43.02	43.09	43.113	43.165	43.139	43.081
ord-ave	1.497	1.304	1.641	1.624	1.694	1.707	1.607	1.807
ord-ninety	3.62	3.14	4.02	3.8	3.96	4.08	3.82	4.171
ord-think	10.096	9.999	10.027	10.042	9.968	10.132	10.143	10.106
ord-keying	2.062	2.062	2.063	2.062	2.062	2.062	2.062	2.062
ord-mix	4.008	4.047	4.079	4.055	4.068	3.979	4.087	4.046
del-ave	0.283	0.214	0.322	0.339	0.388	0.342	0.289	0.35
del-ninety	0.22	0.17	0.4	0.4	0.3	0.42	0.27	0.56
del-think	5.011	5.088	5.061	5.067	5.068	5.062	5.012	5.041
del-keying	2.062	2.062	2.062	2.062	2.063	2.062	2.062	2.063
del-mix	4.053	4.038	4.027	4.05	4.062	4.022	4.001	4.026
stk-ave	1.43	1.269	1.548	1.577	1.649	1.655	1.56	1.771
stk-ninety	3.48	3.06	3.741	3.75	3.92	4.01	3.73	4.211
stk-think	5.081	4.984	5.079	5.031	5.09	5.001	5.039	5.024
stk-keying	2.062	2.062	2.062	2.062	2.063	2.062	2.062	2.062
stk-mix	4.022	4.065	4.009	4.053	4.045	4.061	4.008	4.04
ntxn	209468	211736	208265	207642	206206	206944	208566	205914

	Non-priced Clients							
Client	cl05	cl06	cl07	cl08	cl09	cl10	cl12	cl15
tpmC	6975.7	6906.567	6856.9	6889.833	6822.367	6995.133	6905.533	6902.367
menu-ave	0.255	0.316	0.355	0.34	0.35	0.285	0.314	0.331
menu-ninety	0.31	0.401	0.56	0.34	0.72	0.29	0.31	0.6
new-ave	1.683	1.865	2.041	1.926	2.158	1.673	1.836	1.896
new-ninety	3.92	4.25	4.7	4.3	4.87	3.851	4.12	4.251
new-think	12.035	12.047	12.073	12.078	12.017	11.98	12.018	12.016
new-keying	18.073	18.073	18.073	18.073	18.074	18.074	18.073	18.074
new-mix	44.717	44.752	44.897	44.822	44.759	44.883	44.563	44.813
pay-ave	1.499	1.672	1.844	1.72	1.961	1.494	1.638	1.709
pay-ninety	3.62	3.93	4.351	4.01	4.58	3.581	3.83	4
pay-think	12.043	12.055	12.029	12.021	12.033	12.044	12.01	12.07
pay-keying	3.063	3.062	3.062	3.062	3.063	3.063	3.062	3.063
pay-mix	43.147	43.102	43.021	43.077	43.112	43.035	43.28	43.057
ord-ave	1.509	1.683	1.809	1.738	1.982	1.493	1.632	1.703
ord-ninety	3.61	3.951	4.281	4.04	4.63	3.57	3.8	3.991
ord-think	10.066	10.011	10.169	10.169	9.955	10.063	10.04	10.064
ord-keying	2.063	2.062	2.062	2.062	2.062	2.062	2.062	2.063
ord-mix	4.058	3.999	4.072	4.019	4.059	4.037	4.077	4.002
del-ave	0.26	0.321	0.36	0.335	0.355	0.291	0.317	0.335
del-ninety	0.31	0.36	0.54	0.32	0.66	0.28	0.3	0.57
del-think	5.052	5.031	5.092	5.003	5.1	5.026	5.006	5.057
del-keying	2.062	2.062	2.062	2.062	2.062	2.062	2.062	2.062
del-mix	4.049	4.052	3.977	3.998	4.042	4.014	4.033	4.085
stk-ave	1.436	1.638	1.784	1.673	1.891	1.447	1.565	1.639
stk-ninety	3.47	3.9	4.25	3.93	4.47	3.49	3.69	3.9
stk-think	4.997	4.989	5.037	5.015	5.035	4.988	5.042	5.064
stk-keying	2.062	2.062	2.062	2.062	2.062	2.062	2.062	2.062
stk-mix	4.03	4.095	4.034	4.084	4.029	4.031	4.048	4.044
ntxn	209271	207197	205707	206695	204671	209854	207166	207071

	Non-priced Clients							
Client	cl16	cl17	cl18	cl19	cl20	cl22	cl23	cl24
tpmC	6934.6	6847.833	6918.633	6960.367	6912.033	6927.3	6957.6	6943.5
menu-ave	0.319	0.373	0.32	0.269	0.295	0.337	0.327	0.296
menu-ninety	0.45	0.6	0.33	0.37	0.46	0.36	0.2	0.25
new-ave	1.817	2.044	1.873	1.779	1.88	1.823	1.687	1.763
new-ninety	4.16	4.55	4.26	4.13	4.391	4.18	3.75	4.13
new-think	12.021	12.065	12.004	12.079	12.04	12.007	12.041	12.023
new-keying	18.074	18.073	18.074	18.074	18.073	18.073	18.073	18.075
new-mix	44.833	44.861	44.808	44.89	44.786	44.835	44.729	44.733
pay-ave	1.616	1.854	1.704	1.612	1.697	1.652	1.499	1.583
pay-ninety	3.87	4.28	4.001	3.85	4.091	3.92	3.46	3.85
pay-think	12.039	12.032	11.999	12.001	12.059	12.026	12.023	12.072
pay-keying	3.063	3.063	3.063	3.063	3.062	3.062	3.062	3.063
pay-mix	43.025	43.067	43.087	43.017	43.102	43.009	43.139	43.092
ord-ave	1.644	1.859	1.68	1.618	1.698	1.633	1.478	1.566
ord-ninety	3.85	4.26	3.98	3.89	4.12	3.88	3.35	3.741
ord-think	10.086	10.161	10.062	10.009	9.885	9.943	9.997	9.899
ord-keying	2.062	2.062	2.062	2.062	2.062	2.062	2.062	2.063
ord-mix	4.086	4.003	4.081	4.007	4.045	4.069	4.058	4.028
del-ave	0.32	0.376	0.323	0.282	0.303	0.348	0.323	0.313
del-ninety	0.39	0.59	0.3	0.36	0.43	0.37	0.21	0.27
del-think	4.977	5.045	5.061	5.032	5.036	5.128	5.029	5.058
del-keying	2.063	2.063	2.062	2.062	2.062	2.062	2.062	2.063
del-mix	4.02	4.013	4.023	4.055	4.045	4.049	4.032	4.075
stk-ave	1.554	1.766	1.644	1.589	1.648	1.607	1.419	1.498
stk-ninety	3.76	4.09	3.951	3.82	4.011	3.83	3.311	3.68
stk-think	4.99	5.038	5.015	5.038	5.064	5.08	5.007	5.092
stk-keying	2.063	2.062	2.063	2.062	2.062	2.062	2.062	2.062
stk-mix	4.037	4.055	4.001	4.03	4.022	4.038	4.042	4.072
ntxn	208038	205435	207559	208811	207361	207819	208728	208305

	Non-priced Clients							
Client	cl25	cl26	cl27	cl28	cl29	cl30	cl31	cl32
tpmC	6864.133	6921.8	6839.733	6865.367	6916.967	6873.133	6981.233	6870.833
menu-ave	0.317	0.331	0.388	0.369	0.341	0.344	0.295	0.389
menu-ninety	0.45	0.46	0.58	0.61	0.3	0.55	0.24	0.67
new-ave	1.958	1.805	2.109	1.988	1.843	1.947	1.689	1.943
new-ninety	4.57	4.11	4.7	4.481	4.1	4.61	3.84	4.45
new-think	12.058	12.049	12.023	12.017	12.01	12.078	12.013	12.009
new-keying	18.073	18.073	18.074	18.074	18.073	18.073	18.073	18.075
new-mix	44.66	44.773	44.904	44.757	44.779	44.798	44.92	44.798
pay-ave	1.791	1.624	1.89	1.787	1.649	1.769	1.522	1.731
pay-ninety	4.31	3.82	4.36	4.161	3.82	4.32	3.58	4.13
pay-think	12.044	12.029	12.017	11.997	12.002	12.056	12.045	12.053
pay-keying	3.063	3.063	3.063	3.063	3.063	3.063	3.063	3.063
pay-mix	43.175	43.117	42.959	43.123	43.066	43.066	42.992	43.029
ord-ave	1.757	1.62	1.899	1.785	1.635	1.776	1.535	1.734
ord-ninety	4.2	3.78	4.41	4.12	3.79	4.34	3.651	4.12
ord-think	10.217	10.018	10.087	10.12	10.081	10.177	10.118	10.109
ord-keying	2.063	2.062	2.063	2.062	2.062	2.062	2.062	2.063
ord-mix	4.049	4.033	4.099	4.021	4.092	4.074	4.034	4.073
del-ave	0.325	0.339	0.38	0.361	0.331	0.332	0.299	0.381
del-ninety	0.43	0.46	0.55	0.49	0.28	0.47	0.22	0.59
del-think	5.033	5.025	5.095	5.045	5.108	5.037	5.101	5.057
del-keying	2.062	2.062	2.063	2.062	2.063	2.062	2.062	2.063
del-mix	4.03	4.049	4.048	4.056	4.027	4.028	4.063	4.019
stk-ave	1.74	1.557	1.819	1.702	1.599	1.688	1.457	1.672
stk-ninety	4.24	3.67	4.26	4.02	3.79	4.19	3.47	4.01
stk-think	5.078	5.039	5.019	5.063	5.023	5.028	5.099	5.019
stk-keying	2.063	2.063	2.063	2.063	2.062	2.062	2.062	2.062
stk-mix	4.087	4.027	3.989	4.042	4.037	4.035	3.992	4.08
ntxn	205924	207654	205192	205961	207509	206194	209437	206125

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General Items

Application Code and Definition Statements

The application program (as defined in clause 2.1.7) must be disclosed. This includes, but is not limited to, the code implementing the five transactions and the terminal input output functions.

Appendix A and B contain all source code implemented in this benchmark.

Test Sponsor

A statement identifying the benchmark sponsor(s) and other participating companies must be provided.

Fujitsu sponsored and conducted this TPC Benchmark C.

Parameter Settings

Settings must be provided for all customer-tunable parameters and options which have been changed from the defaults found in actual products, including by not limited to:

- *Database options,*
- *Recover/commit options,*
- *Consistency/locking options*
- *Operating system and application configuration parameter.*

This requirement can be satisfied by providing a full list of all parameters.

Appendix D contains the parameters for the database, the operating system, and the configuration for the transaction monitor.

Configuration Items

Diagrams of both measured and priced configurations must be provided, accompanied by a description of the differences.

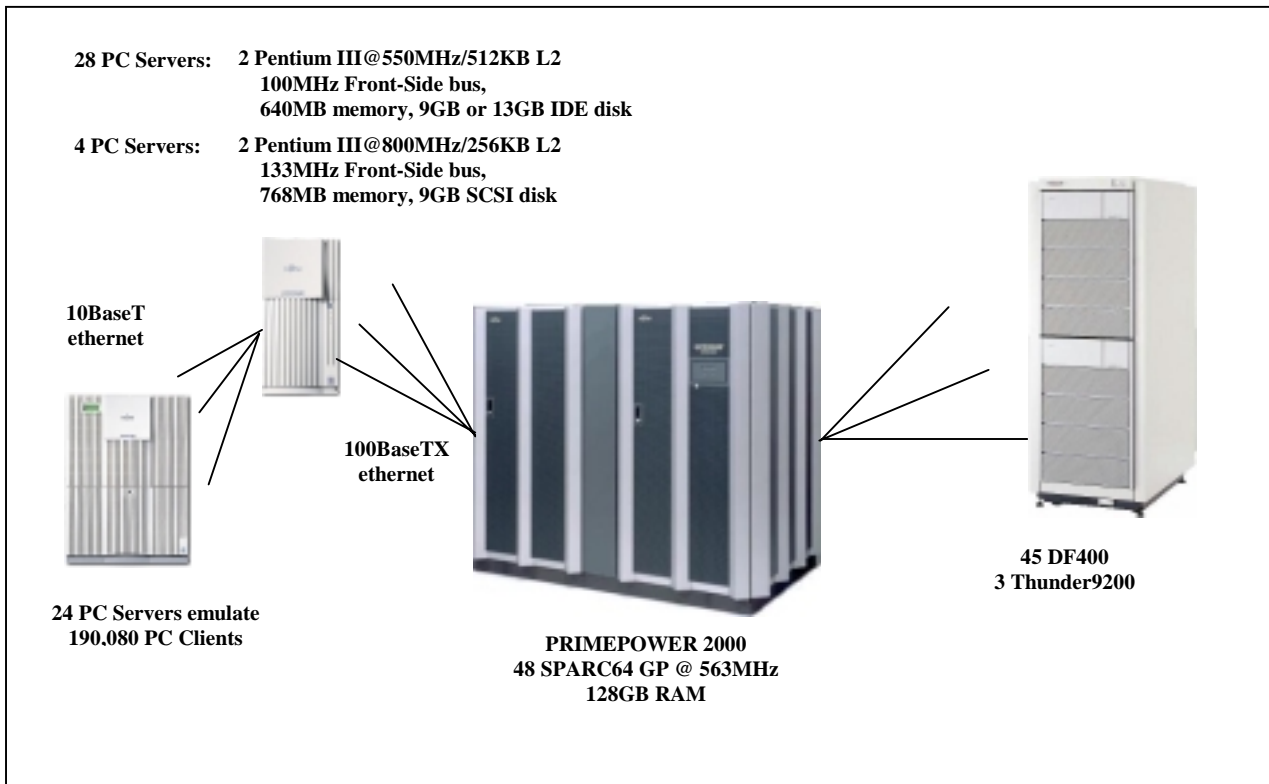
The System Under Test (SUT), a PRIMEPOWER 2000 c/s w/ 32 Front-Ends, is depicted in the following diagrams.

The configuration diagrams for both the tested and priced systems are included on the following pages.

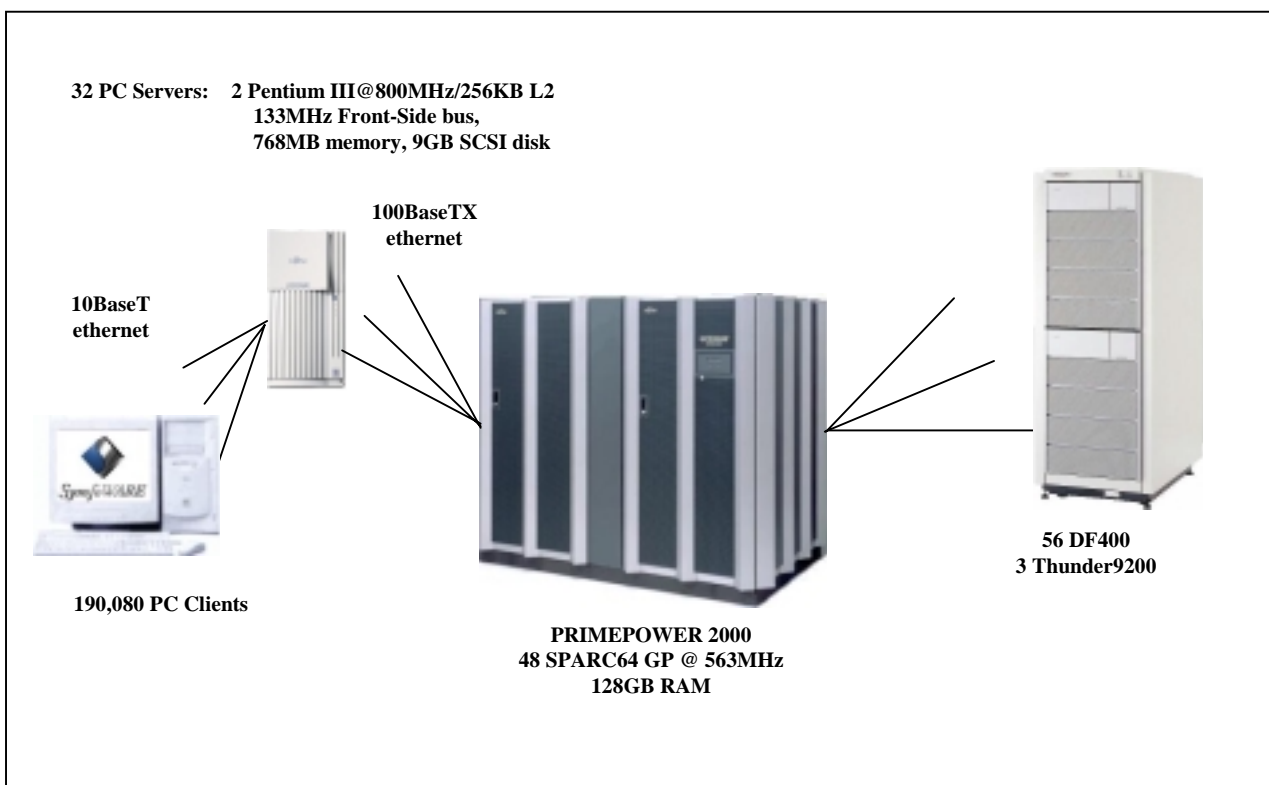
There were differences between the priced and measured configurations. The differences are:

- A RTE was used in the tested configuration.
- The clients that use Pentium III@550MHz in the measurement were replaced by those that use Pentium III@800MHz in the priced configuration.
- The 9GB disks used in the measurement were replaced by 18GB disks in the priced configuration.

PRIMEPOWER 2000 Tested Configuration



PRIMEPOWER 2000 Priced Configuration



Clause 1 Related Items

1.1 Table Definitions

Listings must be provided for all table definition statements and all other statements used to set up the database.

Appendix E contains the code used to define and load the database tables.

1.2 Physical Organization of Database

The physical organization of tables and indices within the database must be disclosed.

Appendix G discloses the organization of tables and indices on the disks.

1.3 Insert and Delete Operations

It must be ascertained that insert and/or delete operations to any of the tables can occur concurrently with the TPC-C transaction mix. Furthermore, any restrictions in the SUT database implementation that precludes inserts beyond the limits defined in Clause 1.4.11 must be disclosed. This includes the maximum number of rows that can be inserted and the maximum key value for these new rows.

All insert and delete functions were verified and fully operational during the entire benchmark.

1.4 Partitioning

While there are a few restrictions placed upon horizontal or vertical partitioning of tables and rows in the TPC-C benchmark, any such partitioning must be disclosed.

All tables were horizontally partitioned except for Items. Each table was horizontally partitioned following the w-id values given below:

Table	the size of DSI*	the number of DSI
Warehouse	88	225
District	88	225
Customer	11	1800
History	11	1800
Order	11	1800
New Order	11	1800
Order Line	11	1800
Stock	44	450

(*) Data Structure Instance

1.5 Replication, Duplication or Additions

Replication of tables, if used, must be disclosed. Additional and/or duplicated attributes in any table must be disclosed along with a statement on the impact on performance.

No replications, duplications or additional attributes were used in this benchmark.

Clause 2 Related Items

2.1 Random Number Generation

The method of verification for the random number generation must be described.

The seeds for each user were generated using the process id. Each RTE machine was given a number incremented by 30,000. The process id was appended to this number to ensure uniqueness across all RTE machines. These seeds were printed to a file and verified by the auditor to be unique.

2.2 Input/Output Screen Layout

The actual layout of the terminal input/output screens must be disclosed.

All screen layouts followed the specification exactly.

2.3 Priced Terminal Feature Verification

The method used to verify that the emulated terminals provide all the features described in Clause 2.2.2.4 must be explained. Although not specifically priced, the type and model of the terminals used for the demonstration in 8.1.3.3 must be disclosed and commercially available (including supporting software and maintenance).

The terminal attributes were verified by the auditor manually exercising each specification during the onsite audit portion of this benchmark.

2.4 Presentation Manager or Intelligent Terminal

Any usage of presentation managers or intelligent terminals must be explained.

Application code running on the client machines implemented the TPC-C user interface.

No presentation manager software or intelligent terminal features were used. The source code for the forms applications is listed in Appendix A.

2.5 Transaction Statistics

Table 2.1 lists the numerical quantities that Clauses 8.1.3.5 to 8.1.3.11 require.

Table 2. 1 Transaction Statistics

Statistic		Value
New Order	Home warehouse order lines	99.00%
	Remote warehouse order lines	1.00%
	Rolled back transactions	0.99%
	Average items per order	10.00
Payment	Home warehouse	84.99%
	Remote warehouse	15.00%
	Accessed by last name	59.99%
Order Status	Accessed by last name	60.03%
Delivery	Skipped transactions	None
Transaction Mix	New Order	44.79%
	Payment	43.10%
	Order status	4.05%
	Delivery	4.03%
	Stock level	4.02%

2.6 Queueing Mechanism

The queueing mechanism used to defer the execution of the Delivery transaction must be disclosed.

Delivery transactions were submitted to servers using the same mechanism that other transactions used. The only difference was that the Tuxedo call to the server process was asynchronous, i.e., control would return to the client process immediately and the deferred delivery part would complete asynchronously on the server.

Clause 3 Related Items

3.1 Transaction System Properties (ACID)

The results of the ACID tests must be disclosed along with a description of how the ACID requirements were met. This includes disclosing which case was followed for the execution of Isolation Test 7.

The TPC Benchmark C Standard Specification defines a set of transaction processing system properties that a SUT must support during the execution of the benchmark. Those properties are Atomicity, Consistency, Isolation and Durability (ACID).

This section defines each of those properties, describes the steps taken to ensure that they were present during the test and describes a series of tests done to demonstrate compliance with the specification.

3.2 Atomicity

The system under test must guarantee that the database transactions are atomic; the system will either perform all individual operations on the data or will assure that no partially completed operations leave any effects on the data.

3.2.1 Completed Transactions

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number as specified in Clause 2.5.1.2) and verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have been changed appropriately.

A row was randomly selected from the warehouse, district and customer tables, and the

balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was committed and the rows were verified to contain correctly updated balances.

3.2.2 Aborted Transactions

Perform the Payment transaction for a randomly selected warehouse, district and customer (by customer number as specified in Clause 2.5.1.2) and substitute a ROLLBACK of the transaction for the COMMIT of the transaction. Verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have NOT been changed.

A row was randomly selected from the warehouse, district and customer tables, and the balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was rolled back and the rows were verified to contain the original balances.

3.3 Consistency

Consistency is the property of the application that requires any execution of a database transaction to take the database from one consistent state to another, assuming that the database is initially in a consistent state.

The benchmark specification requires explicit demonstration of the following four consistency conditions;

- The sum of the district balances in a warehouse is equal to the warehouse balance;
- for each district, the next order id minus one is equal to the maximum order id in the ORDER table and equal to the maximum new order id in the NEW-ORDER table;
- for each district, the maximum order id minus minimum order id in the ORDER table plus one equals the number of rows in the NEW-ORDER table for that district;
- for each district, the sum of the order line counts in the ORDER table equals the number of rows in the ORDER-LINE table for that district.

These consistency conditions were tested using a shell script to issue queries to the database. The results of the queries verified that the database was consistent for all four tests.

A performance run was completed including a full 30 minutes of steady state and checkpoints.

The shell script was executed again. The result of the same queries verified that the database remained consistent after the run.

3.4 Isolation

Isolation can be defined in terms of phenomena that can occur during the execution of concurrent transactions. These phenomena are P0 (“Dirty Write”), P1 (“Dirty Read”), P2 (“non-repeatable Read”), and P3 (“Phantom”). The table in Clause 3.4.1 of the TPC-C specifications defines the isolation requirements which must be met by the TPC-C transactions. Sufficient conditions must be enabled at either the system or application level to ensure the required isolation defined above (clause 3.4.1) is obtained.

The benchmark specification defines nine required tests to be performed to demonstrate that the required levels of transaction isolation are met. These tests, described in Clauses

3.4.2.1 - 3.4.2.9, were all performed and verified as required.

Isolation tests one through nine were executed using shell scripts to issue queries to the database. Each script included timestamps to demonstrate the concurrency of operations. The results of the queries were captured to files. The captured files were verified by the auditor to demonstrate the required isolation had been met.

For Isolation test seven, case A was followed.

3.5 Durability

The tested system must guarantee durability: the ability to preserve the effects of committed transactions and insure database consistency after recovery from any one of the failures listed in Clause 3.5.3.

3.5.1 Durable Media Failure

3.5.1.1 Loss of Log And Data

To demonstrate recovery from a permanent failure of durable medial containing the SymfoWARE recovery log data and TPC-C tables, the following steps were executed on a database of 2,112 warehouses:

1. The database was backed up to extra disks.
2. The total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving the beginning count.
3. The RTE was started with 21,120 users.
4. The test was allowed to run for a minimum of 5 minutes.
5. One of the log disks was powered off by removing it from the cabinet. Since the log was mirrored, the transactions continued to run without interruption.
6. The test was allowed to run for another 5 minutes and a disk failure was caused by removing a disk from the disk cabinet.
7. The RTE was shut down.
8. A new disk was inserted into the disk cabinet and the data disk was reformatted to simulate a complete loss of data.
9. SymfoWARE was restarted.
10. Data from the backup disk was copied to the new disk and SymfoWARE used the transaction logs to roll forward the recovery data from committed transactions.
11. Step 2 was repeated and the difference between the first and second counts noted.
12. The success file was used to determine the number of NEW_ORDERS successfully returned to the RTE.
13. The counts in step 11 and 12 were compared, verifying that all committed transactions were successfully recovered.
14. Data from the success file was used to query the database to demonstrate that successful transactions had corresponding rows in the ORDER table and that rolled back transactions did not.

3.5.2 Instantaneous Interruption and Loss of Memory

Because loss of power erases the contents of memory, the instantaneous interruption and the loss of memory tests were combined into a single test. This test was executed on a fully scaled database of 19,008 warehouses under a full load of 190,080 users. The following steps were executed:

1. The total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving the beginning count.
2. The RTE was started with 190,080 users.
3. The test was allowed to run for a minimum of 5 minutes after it reached steady state.
4. A checkpoint was enforced.
5. After the checkpoint ended, the primary power to the server was shutdown.
6. Power was restored and the system performed an automatic recovery.
7. SymfoWARE was restarted and performed an automatic recovery.
8. Step 1 was repeated and the difference between the first and second counts was noted.
9. The success file was used to determine the number of NEW-ORDERS successfully returned to the RTE.
10. The counts in step 8 and 9 were compared, verifying that all committed transactions had been successfully recovered.
11. Data from the success file was used to query the database to demonstrate successful transactions had corresponding rows in the ORDER table, and rolled back transactions did not.

Clause 4 Related Items

4.1 Initial Cardinality of Tables

The cardinality (e.g. number of rows) of each table, as it existed at the start of the benchmark run, must be disclosed. If the database was over-scaled and inactive rows of the WAREHOUSE table were deleted, the cardinality of the WAREHOUSE table as initially configured and the number of rows deleted must be disclosed.

The TPC-C database was initially configured with 19,800 warehouses; w-id 19,009 through 19,800 were deleted before performance runs were conducted.

Table 4.1 Number of Rows for Server

Table	Occurrences
Warehouse	19,800
District	198,000
Customer	594,000,000
History	594,000,000
Order	594,000,000
New Order	178,200,000
Order Line	5,939,776,579
Stock	1,980,000,000
Item	100,000

4.2 Database Layout

The distribution of tables and logs across all media must be explicitly depicted for tested and priced systems.

Section 1.2 of this report details the distribution of database tables across all disks. The code that creates the tables is included in Appendix E.

4.3 Type of Database

A statement must be provided that describes:

- 1. The data model implemented by DBMS used (e.g. relational, network, hierarchical).*
- 2. The database interface (e.g. embedded, call level) and access language (e.g. SQL, DL/1, COBOL read/write used to implement the TPC-C transaction. If more than one interface/access language is used to implement TPC-C, each interface/access language must be described and a list of which interface/access language is used with which transaction type must be disclosed.*

SymfoWARE is a relational DBMS.

The interface used was SymfoWARE stored procedures embedded in C code.

4.4 Database Mapping

The mapping of database partitions/replications must be explicitly described.

The database, with the exception of the Item table, was horizontally partitioned. This partitioning is fully described in Section 1.4.

4.5 60 Day Space

Details of the 60 day space computations along with proof that the database is configured to sustain 8 hours of growth for the dynamic tables (Order, Order-Line, and History) must be disclosed.

The 60 day space requirement is shown in Appendix F.

The archive log grows at the rate of 6.7805KB per New-Order transaction, which was measured from the steady state. The 8 hours log space was 691.46GB at the measured rate and 695.21GB of log space was prepared for the measurement.

For dynamic tables the following steps were followed:

1. The number of rows and number of used blocks were counted on a freshly loaded database.
2. The number of rows was divided by the number of blocks, giving rows per block.
3. The number of rows inserted in 8 hours was estimated equal to tpmC for HISTORY and ORDER, and ten times tpmC for ORDERLINE.
4. The number of rows in step 3 was divided by the number derived in step 2.
5. The number in step 4 was added to the number of used blocks from step 1.
6. The database was queried to show the space allocated exceeded the number in step 5.

Clause 5 Related Items

5.1 Throughput

Measured tpmC must be reported.

Measured tpmC	222,772.33
Price per tpmC	\$43.42

5.2 Response Times

Ninetieth percentile, maximum and average response times must be reported for all transaction types as well as for the menu response time.

An emulation delay of 0.1 second is included in response time and menu time to compensate for browser delay.

Table 5.1 Response Times

Type	Average	Maximum	90th %
New-Order	1.69	43.56	4.00
Payment	1.51	48.94	3.72
Order-Status	1.51	38.57	3.70
Interactive Delivery	0.33	13.70	0.30
Deferred Delivery	1.57	35.25	3.58
Stock-Level	1.46	40.41	3.60
Menu	0.33	13.78	0.17

5.3 Keying and Think Times

The minimum, the average, and the maximum keying and think times must be reported for each transaction type.

Table 5.2 Keying Times

Type	Minimum	Average	Maximum
New-Order	18.06	18.08	19.00
Payment	3.05	3.07	3.81
Order-Status	2.05	2.07	2.73
Interactive Delivery	2.05	2.07	2.69
Stock-Level	2.05	2.07	2.92

Table 5.3 Think Times

Type	Minimum	Average	Maximum
New-Order	0.02	12.04	120.30
Payment	0.01	12.04	120.31
Order-Status	0.02	10.07	100.63
Interactive Delivery	0.02	5.05	50.35
Stock-Level	0.01	5.05	50.41

5.4 Response Time Frequency Distribution Curves and Other Graphs

Response Time frequency distribution curves (see Clause 5.6.1) must be reported for each transaction type.

The performance curve for response times versus throughput (see Clause 5.6.2) must be reported for the New-Order transaction.

Think Time frequency distribution curves (see Clause 5.6.3) must be reported for the New-Order transaction.

A graph of throughput versus elapsed time (see Clause 5.6.5) must be reported for the New-Order transaction.

Figure 5.1: New Order Response Time Distribution

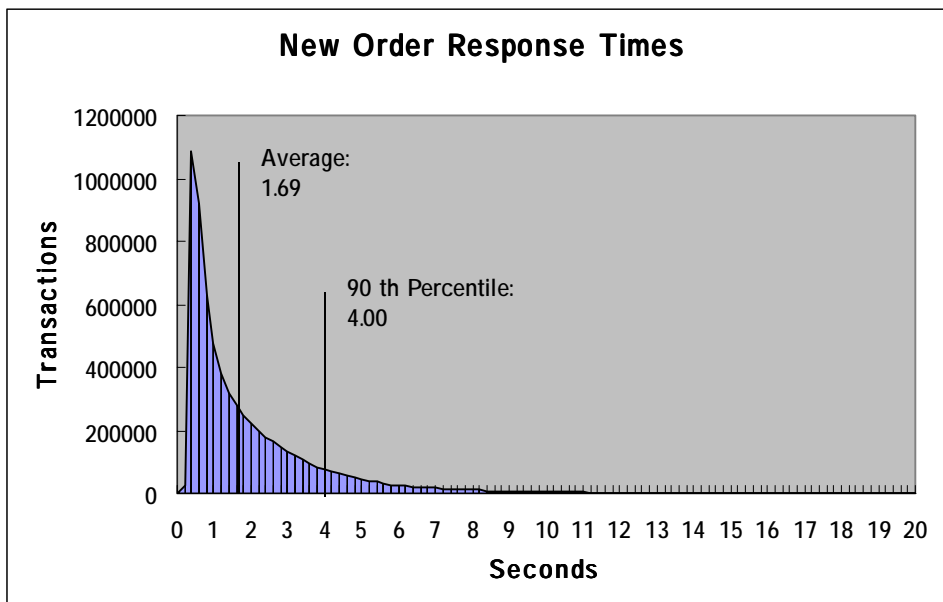


Figure 5.2: Payment Response Time Distribution

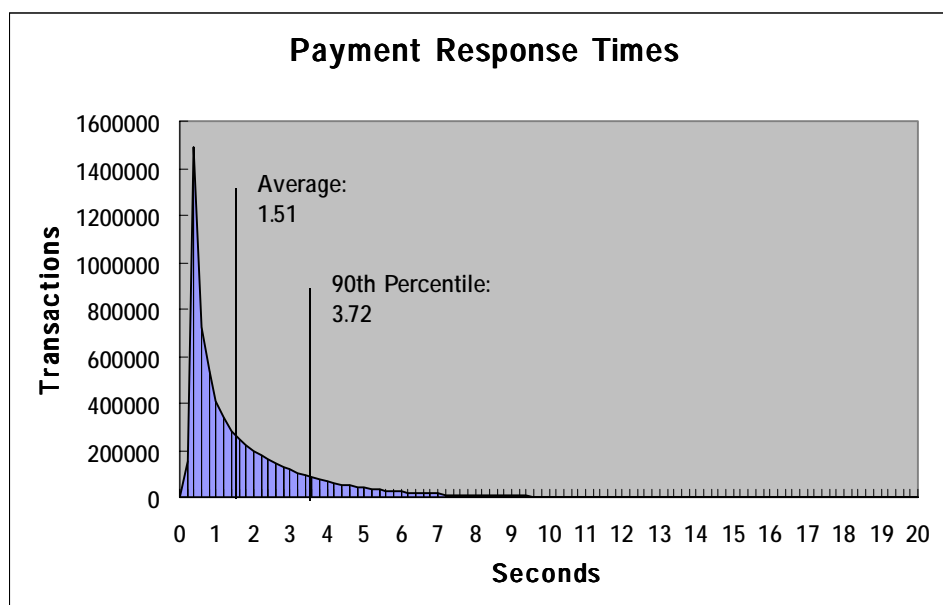


Figure 5.3: Order Status Response Time Distribution

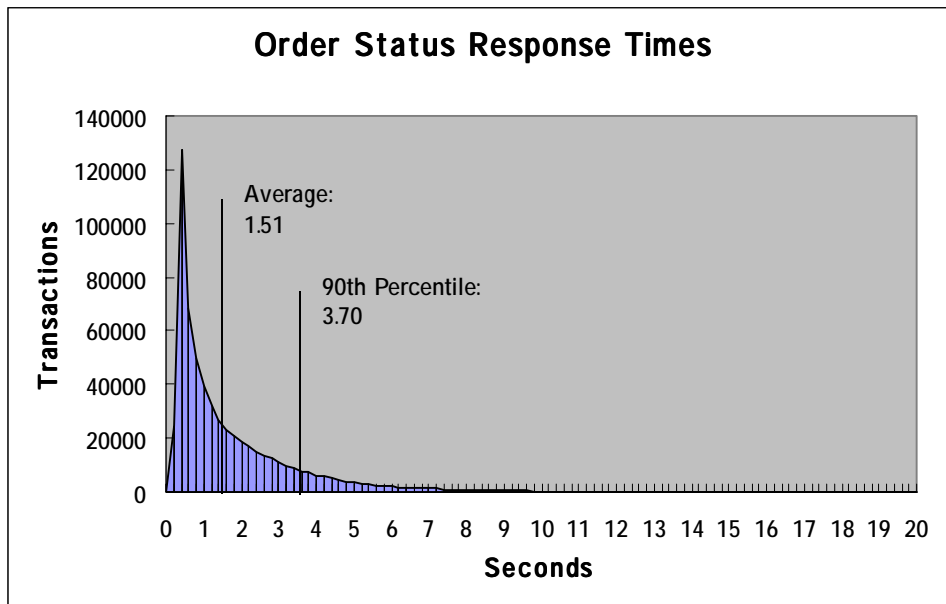


Figure 5.4: Delivery Response Time Distribution

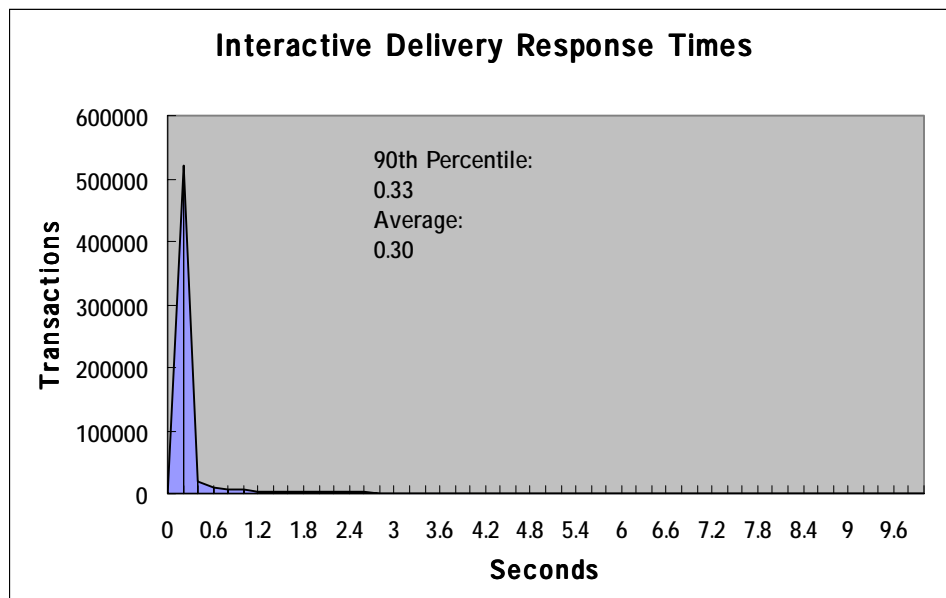


Figure 5.5: Stock Level Response Time Distribution

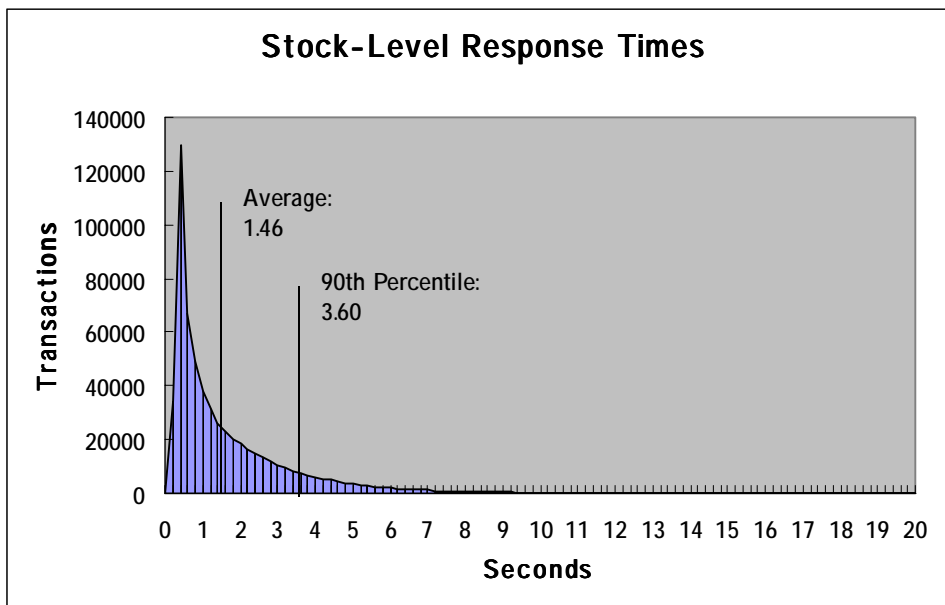


Figure 5.6: New Order Think Time Frequency Distribution

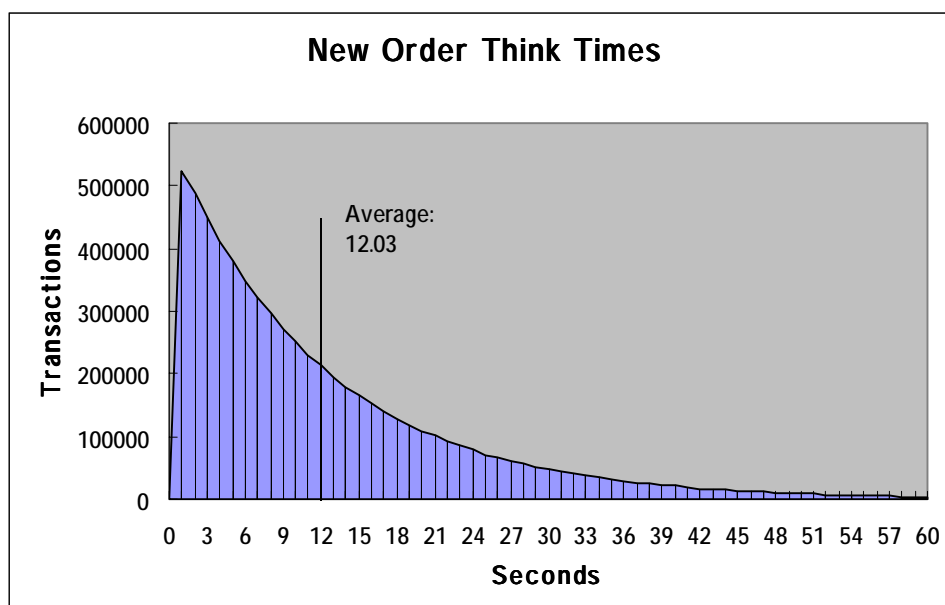


Figure 5.7: Response time versus Throughput

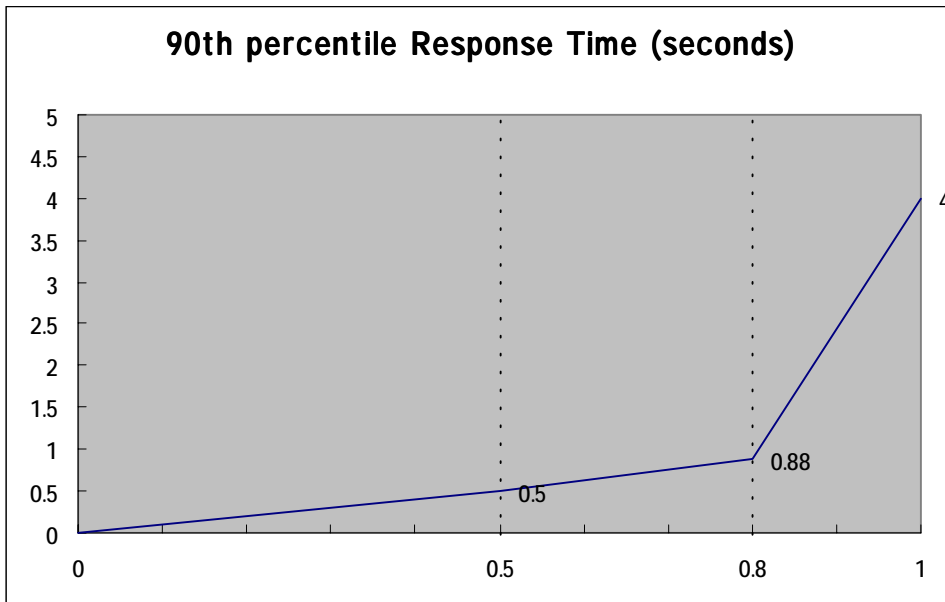
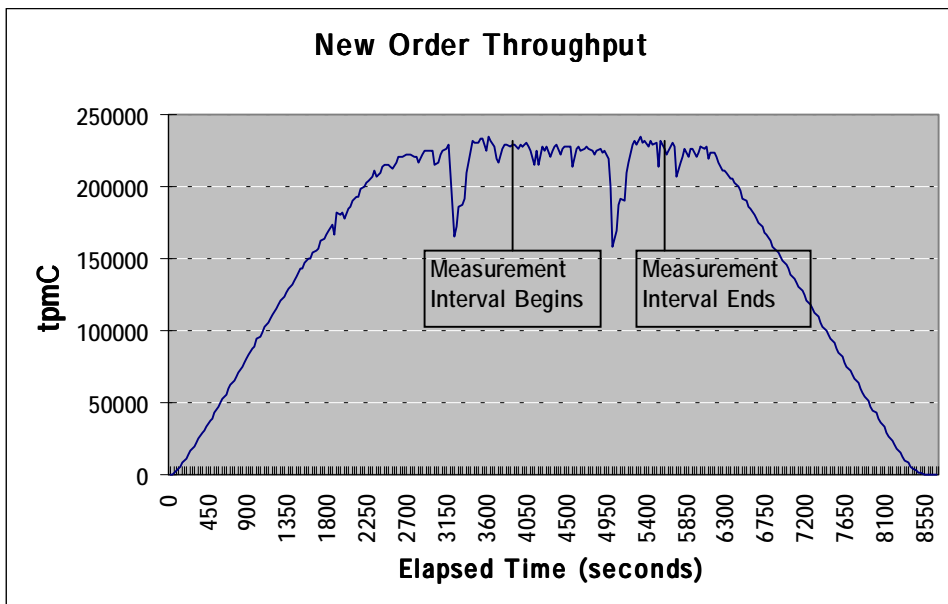


Figure 5.8: New Order Sustained Throughput



5.5 Steady State Determination

The method used to determine that the SUT had reached a steady state prior to commencing the measurement interval must be disclosed.

Steady state was determined by examining data reported for each 30-second interval over the duration of the measured run. Steady state was further confirmed by the throughput data collected during the run and graphed in Figure 5.8.

5.6 Work Performed During Steady State

A description of how the work normally performed during a sustained test (for example checkpointing, writing redo/undo log records, etc.), actually occurred during the measurement interval must be reported.

A SymfoWARE checkpoint forces all “dirty” pages (pages that have been updated since they were last written) to be physically written to the durable disks. SymfoWARE executes a checkpoint for the following conditions:

1. The amount of recovery data reaches the value specified at the creation of the temporary log, which contains the before images and after images of each transaction. The interval the recovery data takes to reach the specified value depends upon workload. The temporary log is configured by the *rdblog* command.
2. Upon an explicit *rdbrcp* request.

For each benchmark measurement, after all users are active, the script that issues *rdbrcp* is started manually on the server. The script sleeps and performs another checkpoint every 30 minutes, which is equal to the measurement interval. *Rdbrcp* notifies the time upon the completion of the checkpoint and the start time and end time of all checkpoints are captured to a flat file. The recovery log is configured to be large enough that no other checkpoint will occur during the measurement. The recovery log is marked as reusable after the checkpoint completes. The positioning of the checkpoint is verified to be clear of the guard zones and is depicted on the graph in Figure 5.8.

5.7 Reproducibility

A description of the method used to determine the reproducibility of the measurement results must be reported.

The measurement procedure was repeated and the throughput verified to be within less than 2% of the reported measurement.

5.8 Measurement Period Duration

A statement of the duration of the measurement interval for the reported Maximum Qualified Throughput (tpmC) must be included.

The reported measured interval was exactly 30 minutes long.

5.9 Regulation of Transaction Mix

The method of regulation of the transaction mix (e.g., card decks or weighted random distribution) must be described. If weighted distribution is used and the RTE adjusts the weights associated with each transaction type, the maximum adjustments to the weight from the initial value must be disclosed.

The RTE used the UNIX function `irand48()` to control the transaction mix, and could not be adjusted during the run.

5.10 Transaction Statistics

The percentage of the total mix for each transaction type must be disclosed. The percentage of New-Order transactions rolled back as a result of invalid item number must be disclosed. The average number of order-lines entered per New-Order transaction must be disclosed. The percentage of remote order lines per New-Order transaction must be disclosed. The percentage of remote Payment transactions must be disclosed. The percentage of customer selections by customer last name in the Payment and Order-Status transactions must be disclosed. The percentage of Delivery transactions skipped due to there being fewer than necessary orders in the New-Order table must be disclosed.

Table 5.4: Transaction Statistics

Statistics		Value
Transaction Mix	New Order	44.79%
	Payment	43.10%
	Order status	4.05%
	Delivery	4.03%
	Stock level	4.02%
New Order	Home warehouse order lines	99.00%
	Remote warehouse order lines	1.00%
	Rolled back transactions	0.99%
	Average items per order	10.00
Payment	Home warehouse	84.99%
	Remote warehouse	15.00%
	Accessed by last name	59.99%
Order Status	Accessed by last name	60.03%
Delivery	Skipped transactions	None

5.11 Checkpoint Count and Location

The number of checkpoints in the Measurement Interval, the time in seconds from the start of the Measurement Interval to the first checkpoint, and the Checkpoint Interval must be disclosed.

One checkpoint was recorded before the measured window opened and another checkpoint was started 608 seconds inside the measured window. Both checkpoints were clear of the guard zone. Checkpoints were started exactly 30 minutes apart.

Clause 6 Related Items

6.1 RTE Descriptions

If the RTE is commercially available, then its inputs must be specified. Otherwise, a description must be supplied of what inputs (e.g., scripts) to the RTE had been used.

The RTE used was developed at Fujitsu Limited and is proprietary. It consists of an RTE management process as shown in Appendix C, which forks off the individual RTE processes and controls the run. After the run completes, a separate report generator program collects all the log files and generates the final statistics of a run.

Inputs to the RTE include the names of the RTE machine to run, client machines to attach to, the database scale, the ramp-up, measurement and ramp-down times. These come from the configuration script file for the RTE management process.

6.2 Emulated Components

It must be demonstrated that the functionality and performance of the components being emulated in the Driver System are equivalent to the priced system. The results of the test described in Clause 6.6.3.4 must be disclosed.

There were no emulated components in the benchmark configuration other than the emulated users' workstations.

6.3 Functional Diagrams

A complete functional diagram of both the benchmark configuration and the configuration of the proposed (target) system must be disclosed. A detailed list of all hardware and software functionality being performed on the Driver System and its interface to the SUT must be disclosed.

The driver system performed the data generation and input functions of the display device. It also captured the input and output data and timestamps for post-processing of the reported metrics. No other functionality was included on the driver system

The abstract at the beginning of this report contains detailed diagrams of both the benchmark configuration and the priced configuration, including the driver system.

6.4 Networks

The network configuration of both the tested services and proposed (target) services which are being represented and a thorough explanation of exactly which parts of the proposed configuration are being replaced with the Driver System must be disclosed.

The bandwidth of the networks used in the tested/priced configuration must be disclosed.

A 100Mbps ethernet LAN connection was used between each client and the server. Thirty-eight 10Mbps ethernet LAN connections were used between the emulated users and the client machines.

6.5 Operator Intervention

If the configuration requires operator intervention (see Clause 6.6.6), the mechanism and the frequency of this intervention must be disclosed.

This configuration does not require any operator intervention to sustain eight hours of the reported throughput, other than beginning the checkpointing process.

Clause 7 Related Items

7.1 System Pricing

A detailed list of hardware and software used in the priced system must be reported. Each separately orderable item must have vendor part number, description, and release/revision level, and either general availability status or committed delivery data. If package-pricing is used vendor part number of the package and a description uniquely identifying each of the components of the package must be disclosed. Pricing source and effective date(s) of price(s) must also be reported.

The total 3 year price of the entire configuration must be reported, including: hardware, software, and maintenance charges. Separate component pricing is recommended. The basis of all discounts used must be disclosed.

A detailed price list is included in the abstract at the beginning of this report.

7.2 Availability

The committed delivery date for general availability (availability date) of products used in the price calculation must be reported. When the priced system includes products with different availability dates, the reported availability date for the priced system must be the date at which all components are committed to be available.

All hardware components and software components except SymfoWARE are available. SymfoWARE will be available no later than June 30, 2001.

7.3 Throughput and Price Performance

A statement of the measured tpmC as well as the respective calculations for the 3-year pricing, price/performance (price/tpmC), and the availability date must be included.

Maximum Qualified Throughput (tpmC):	222,772.33
Price per tpmC	\$43.42
Available	June 30, 2001

7.4 Country Specific Pricing

Additional Clause 7 related items may be included in the Full Disclosure Report for each country specific priced configuration. Country specific pricing is subject to Clause 7.1.7

This system is being priced for the United States of America.

7.5 Usage Pricing

For any usage pricing, the sponsor must disclose:

- *Usage level at which the component was priced.*
- *A statement of the company policy allowing such pricing.*

None.

Clause 9 Related Items

9.1 Auditor's Report

The auditor's name, address, phone number, and a copy of the auditor's attestation letter indication compliance must be included in the Full Disclosure Report.

This implementation of the TPC Benchmark C was audited by Francois Raab of InfoSizing.

InfoSizing
1373 North Franklin St.
Colorado Springs, CO 80903-2527
(voice) 650/533-7357
(fax) 719/473-7554
<http://www.sizing.com>

9.2 Availability of the Full Disclosure Report

The Full Disclosure Report must be readily available to the public at a reasonable charge, similar to the charges for similar documents by the test sponsor. The report must be made available when results are made public. In order to use the phrase "TPC Benchmark™ C", the Full Disclosure Report must have been submitted to the TPC Administrator as well as written permission obtained to distribute same.

Requests for this TPC Benchmark C Full Disclosure Report should be sent to:

Transaction Processing Performance Council
c/o Shanley Public Relations
777 North First Street, Suite 6000
San Jose, CA 95112-6311
408/295-8894

Appendix A: Client Source Code

```

===== Resource.h =====

//{{NO_DEPENDENCIES}}
// Microsoft Visual C++ generated include file.
// Used by tpapl.rc
//

#define IDS_SERVER      102

#define _APS_NEXT_RESOURCE_VALUE      103
#define _APS_NEXT_CONTROL_VALUE      103
#define _APS_NEXT_SYMED_VALUE        103
#define _APS_NEXT_COMMAND_VALUE      32768

===== StdAfx.cpp =====

// stdafx.cpp :
//  tpapl.pch :
//  stdafx.obj :

#include "stdafx.h"

===== StdAfx.h =====

#ifndef AFX_STDAFX_H__13B36D5C_C1F8_11D1_8326_00A0C906407A__INCLUDED_
#define AFX_STDAFX_H__13B36D5C_C1F8_11D1_8326_00A0C906407A__INCLUDED_

// stdafx.h :
//
//
//

#include <afx.h>
#include <afxwin.h>
#include <afxmt.h>      //
#include <afxext.h>
#include <afxisapi.h>

//{{AFX_INSERT_LOCATION}}
// Microsoft Developer Studio

#endif
// !defined(AFX_STDAFX_H__13B36D5C_C1F8_11D1_8326_00A0C906407A__INCLUDED)

===== bench2.h =====

/*
    bench2.h : Data structure for message
    send/receive

```

```

Version  Beta 1995/02/24
Version  Beta2 1995/03/06
Version  Beta2a 1995/03/14
Version  Beta3 1995/03/23
Version  1.0 1998/02/24 for Solaris 2.x
*/

typedef struct {
    int  tx_type;
    int  C_R;

    int  errorpos;      /* 1997.03.13 */
    int  sqlstate;      /* 1997.03.13 */

    short w_id;

    short d_id;

    short o_carrier_id;

    long  startsec;
    long  startusec;
} delivery_trans;

typedef struct {
    int  tx_type;
    int  C_R;

    int  errorpos;      /* 1997.03.13 */
    int  sqlstate;      /* 1997.03.13 */

    long  threshold;
    long  low_stock;

    short w_id;

    short d_id;
} stocklvl_trans;

typedef struct {
    int  tx_type;
    int  C_R;

    int  errorpos;      /* 1997.03.13 */
    int  sqlstate;      /* 1997.03.13 */

    short w_id;
    char  w_street_1[21];
    char  w_street_2[21];
    char  w_city[21];
    char  w_state[3];
    char  w_zip[10];

    short d_id;
    char  d_street_1[21];
    char  d_street_2[21];
    char  d_city[21];
    char  d_state[3];
    char  d_zip[10];

/*
    short c_id;*/
    int  c_id;
    short c_d_id;
    short c_w_id;
    char  c_first[17];

```

```

    char  c_middle[3];
    char  c_last[17];
    char  c_street_1[21];
    char  c_street_2[21];
    char  c_city[21];
    char  c_state[3];
    char  c_zip[10];
    char  c_phone[17];
    double c_since;
    char  c_credit[3];
    double c_credit_lim;
    /*long c_credit_lim;*/
    long  c_discount;
    double c_balance;
    /*long c_balance;*/
    char  c_data[501];

    double  h_date;
    long  h_amount;
} payment_trans;

typedef struct {
    int  tx_type;
    int  C_R;

    int  errorpos;      /* 1997.03.13 */
    int  sqlstate;      /* 1997.03.13 */

    short w_id;

    short d_id;

/*
    short c_id;*/
    int  c_id;
    char  c_first[17];
    char  c_middle[3];
    char  c_last[17];
    double c_balance;
    /*long c_balance;*/

    long  o_id;
    double o_entry_d;
    short o_carrier_id;
    short o_ol_cnt;

    long  ol_i_id[15];
    short ol_supply_w_id[15];
    double ol_delivery_d[15];
    short ol_quantity[15];
    long  ol_amount[15];
    /*double ol_amount[15];*/
} orderstat_trans;

typedef struct {
    int  tx_type;
    int  C_R;

    int  errorpos;      /* 1997.03.13 */
    int  sqlstate;      /* 1997.03.13 */

    char  brand_generic[15];
    long  i_price[15];
    /*double i_price[15];*/
    char  i_name[15][25];
    long  total_amount;
    /*double total_amount;*/

```

```

short w_id;
long w_tax;

short d_id;
long d_tax;

/* short c_id;*/
int c_id;
char c_last[17];
char c_credit[3];
long c_discount;

long o_id;
double o_entry_d;
short o_ol_cnt;

long ol_i_id[15];
short ol_supply_w_id[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/

long s_quantity[15];
} neworder_trans;

#if 0
typedef struct {
int tx_type;
int C_R;
long threshold;
long low_stock;
char brand_generic[15];
long i_price[15];
/*double i_price[15];*/
char i_name[15][25];
long total_amount;
/*double total_amount;*/
double pl_delivery_d[15];

short w_id;
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
long w_tax;
double w_ytd;

short d_id;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
long d_tax;
long d_next_o_id;

/* short c_id;*/
int c_id;
short c_d_id;
short c_w_id;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
double c_since;
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
double c_ytd_payment;
short c_payment_cnt;
/*long c_payment_cnt;*/
char c_data[501];

double h_date;
long h_amount;
char h_data[25];

long no_o_id;

long o_id;
double o_entry_d;
short o_carrier_id;
short o_ol_cnt;
short o_all_local;

long ol_number;
long ol_i_id[15];
short ol_supply_w_id[15];
double ol_delivery_d[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/
char ol_dist_info[24];

long s_quantity[15];
char s_dist_01[24];
char s_dist_02[24];
char s_dist_03[24];
char s_dist_04[24];
char s_dist_05[24];
char s_dist_06[24];
char s_dist_07[24];
char s_dist_08[24];
char s_dist_09[24];
char s_dist_10[24];
double s_ytd;
long s_order_cnt;
long s_remote_cnt;
char s_data[51];
} trans_buf;

main()
{
printf( "%d %d %d %d %d\n",
sizeof( delivery_trans ),
sizeof( stocklvl_trans ),
sizeof( payment_trans ),
sizeof( orderstat_trans ),
sizeof( neworder_trans ),
sizeof( trans_buf ) );
return 0;
}

#endif

```

```

<INPUT TYPE="submit" NAME="b" VALUE="Order
Status">\
<INPUT TYPE="submit" NAME="b" VALUE="Stock
Level">\
<INPUT TYPE="submit" NAME="b"
VALUE="Quit">\
</FORM></BODY></HTML>\n"

/* Offset to field which should set data */
int delp[] = { 0xb, 0x23, 0x3b }; /* w_id, carrier number,
status */

===== dmy.h =====

//
// dmy.h : DLL
//
//      SCRTEST #define
//      DBPRT #define
//
//
//
//

#ifdef SCRTEST

char *get_datetimestr( char *buf )
{
    struct tm      *tm;
    time_t         tim;

    time( &tim );
    tm = localtime( &tim );

    sprintf( buf, "%2d-%2d-%4d %2d:%2d:%2d", tm-
>tm_mday, tm->tm_mon+1,
            tm->tm_year+1900, tm->tm_hour, tm-
>tm_min, tm->tm_sec );

    return buf;
}

char *get_datestr( char *buf )
{
    struct tm      *tm;
    time_t         tim;

    time( &tim );
    tm = localtime( &tim );

    sprintf( buf, "%2d-%2d-%4d",
            tm->tm_mday, tm->tm_mon+1, tm-
>tm_year+1900 );
    return buf;
}

void dummy_delivery( delivery_trans *bp )
{
#ifdef Symfo
    bp->C_R = 1;
#else
    bp->C_R = NOERR;
#endif
}

return;
}

void dummy_stocklvl( stocklvl_trans *bp )
{
    int i;

#ifdef Symfo
    bp->C_R = 1;
#else
    bp->C_R = NOERR;
#endif

    do{
        i = rand()%1000;
    } while ( i > bp->threshold );

    bp->low_stock = i;

    return;
}

void dummy_payment( payment_trans *bp )
{
#ifdef Symfo
    bp->C_R = 1;
#else
    bp->C_R = NOERR;
#endif

    // get_datetimestr( bp->h_date );
    // check
    strcpy( bp->w_street_1, "Baker street" );
    strcpy( bp->w_street_2, "221B" );
    strcpy( bp->w_city, "London" );
    strcpy( bp->w_state, "GB" );
    strcpy( bp->w_zip, "88033000" );

    strcpy( bp->d_street_1, "Minato-ku" );
    strcpy( bp->d_street_2, "Azabu 10" );
    strcpy( bp->d_city, "Tokyo" );
    strcpy( bp->d_state, "JP" );
    strcpy( bp->d_zip, "102" );

    bp->c_id = 777;
    strcpy( bp->c_first, "John" );
    strcpy( bp->c_middle, "H" );
    strcpy( bp->c_last, "Watson" );
    strcpy( bp->c_street_1, "Baker street" );
    strcpy( bp->c_street_2, "221B" );
    strcpy( bp->c_credit, "GC" );

#ifdef Symfo
    bp->c_discount = 20;
#else
    bp->c_discount = (float)0.20;
    // check
#endif

    strcpy( bp->c_city, "London" );
    strcpy( bp->c_state, "GB" );
    strcpy( bp->c_zip, "888" );
    strcpy( bp->c_phone, "1234567890123456" );
    bp->c_balance = 67876;
    bp->c_credit_lim = 77777;

    // get_datestr( bp->c_since );
    // check

    strcpy( bp->c_data,
"Migyamigyamigyamigyamigyama" );
        return;
    }

void dummy_orderstat( orderstat_trans *bp )
{
    int i, j;

#ifdef Symfo
    bp->C_R = 1;
#else
    bp->C_R = NOERR;
#endif

    bp->c_id = rand()%10000;
    strcpy( bp->c_first, "Robert" );
    strcpy( bp->c_middle, "L" );
    strcpy( bp->c_last, "Fish" );
    bp->c_balance = ( ( rand()*rand()%199999999)-
9999999 ) / (double)100.0;
    /*
    fprintf( stderr, "ordout.c_balance = %12.4f\n", bp-
>ordout.c_balance );
    bp->c_balance = -1;
    */

    bp->o_id = rand()%10000;
    // get_datetimestr( bp->o_entry_d );
    // check
    bp->o_carrier_id = rand()%100;

    bp->o_ol_cnt = ( rand()%11 )+5;
    j = bp->o_ol_cnt;
    for ( i = 0; i < j; i++ )
    {
        bp->ol_supply_w_id[i] =
( rand()%100000 )+1;
        bp->ol_i_id[i] = ( rand()%100000 )+1;
        bp->ol_quantity[i] = ( rand()%99 )+1;
    }

#ifdef Symfo
    bp->ol_amount[i] = (long)((float)rand() *
(float)100); // check
#else
    bp->ol_amount[i] = (float)rand();
    // check
#endif

    // debug2( ( stderr, "rand : %f\n", bp-
>ordout.ol_amount[i] ) );

    // get_datetimestr( bp->o_delivery_d[i] );
    // check
    }

    return;
}

void dummy_neworder( neworder_trans *bp )
{
    static int o_id = 3001;
    int i;

```

```

#endif Symfo
    bp->C_R = 1;
#else
    bp->C_R = NOERR;
#endif

    // *(bp->status) = '0';
    // This value is nothing

    strcpy( bp->c_last, "Holmes" );
    strcpy( bp->c_credit, "GC" );
    bp->o_id = o_id++;
/*
    bp->newout.o_id = ( rand()%100000 )+1;
*/

// get_datetimestr( bp->o_entry_d ); //
check

#endif Symfo
    bp->c_discount = (long)(rand()%101); //
check
    bp->w_tax = (long)( rand()%2001 ); //
check
    bp->d_tax = (long)( rand()%2001 ); //
check
#else
    bp->c_discount = (float)(( rand()%101 )/10000.0);
    // check
    bp->w_tax = (float)(( rand()%2001 )/10000.0);
    // check
    bp->d_tax = (float)(( rand()%2001 )/10000.0);
    // check
#endif

    bp->total_amount = 0;
    // check

    for ( i = 0; i < 15; i++ ){
        if ( bp->o_supply_w_id[i] == 0 ) {
            break;
        }
        if ( bp->o_i_id[i] == -1 ) {
            strcpy( bp->status, "Item number is
not valid" );
        }

        bp->i_name[i][0] = '0';
        bp->s_quantity[i] = ( rand()%10 )+1;
        bp->brand_generic[i] = ( rand()%26 )+'A';

#endif Symfo
        bp->i_price[i] =
(long)(( rand()%10000 )+1 ); // check
#else
        bp->i_price[i] =
(float)((( rand()%10000 )+1 )/100.0); // check
#endif

        bp->o_l_amount[i]
            = bp->i_price[i] * bp->o_quantity[i];
            // check
        bp->total_amount += bp->o_l_amount[i];
            // check
    }
    bp->o_o_cnt = i;

    return;

```

```

}
#endif
//
//
//
#endif DBPRT
void oder_dsp(rte_input_data *in_data,
orderstat_trans *bp, int w_id, int
d_flag)
{
    int i;

    if (d_flag == 0){
        fprintf( test_fp, "----- in data area ----- \n\n");
        fprintf( test_fp, "w_id = %d ", w_id);
        fprintf( test_fp, "d_id = %s ", in_data-
>D_ID);
        fprintf( test_fp, "c_w_id=%s ", in_data-
>C_W_ID);
        fprintf( test_fp, "c_d_id=%s ", in_data-
>C_D_ID);
        fprintf( test_fp, "h_amount=%s \n", in_data-
>H_AMOUNT);

        if (in_data->C_ID != 0)
            fprintf( test_fp, "c_id = %s
\n", in_data->C_ID);
        if (in_data->C_LAST != 0)
            fprintf( test_fp, "c_last = %s
\n", in_data->C_LAST);

        fprintf( test_fp, "----- trans buf area -----
\n\n");
        fprintf( test_fp, "w_id = %d ", bp->w_id);
        fprintf( test_fp, "d_id = %d ", bp->d_id);
        fprintf( test_fp, "c_id = %d\n", bp->c_id);
        if ( bp->c_last[0] == '0' ) {
            //
            fprintf( test_fp, "byname = %d \n", bp-
>ordin.bylastname);
        } else {
            //
            fprintf( test_fp, "c_last = %s :byname
= %d\n", bp->ordin.c_last,
//
            bp->ordin.bylastname);
        }
    }
    else {
        fprintf(test_fp, "----- trans buf area (after) ---
--\n\n");
        fprintf(test_fp, "w_id = %d ", bp->w_id);
        fprintf(test_fp, "d_id = %d ", bp->d_id);
        fprintf(test_fp, "c_id = %d\n", bp->c_id);
        fprintf(test_fp, "c_first=%s ", bp->c_first);
        fprintf(test_fp, "c_middle=%s ", bp->c_middle);
        fprintf(test_fp, "c_last = %s\n", bp->c_last);

        fprintf(test_fp, "c_balan=%f ", bp->c_balance);
        fprintf(test_fp, "o_id = %d ", bp->o_id);
        fprintf(test_fp, "o_entry_d = %s\n", bp->o_entry_d );
        // check

        if ( bp->o_carrier_id != 0 ) {
            fprintf(test_fp, "o_carrier_id = %d\n", bp-
>o_carrier_id);
        }

        for ( i = 0; i < bp->o_o_cnt; i++ ){

            fprintf(test_fp, "ol_supp=%d ", bp-
>o_supply_w_id[i]);
            fprintf(test_fp, "ol_i_id=%d ", bp->o_i_id[i]);
            fprintf(test_fp, "ol_quan=%d ", bp-
>o_quantity[i]);

```

```

        fprintf(test_fp, "ol_amou=%f\n", bp-
>ol_amount[i]);
        }
    }
}

void pay_dsp(rte_input_data *in_data,
payment_trans *bp, int w_id, int
d_flag)
{
    int i;

    if (d_flag == 0){
        fprintf( test_fp, "----- in data area ----- \n\n");

        fprintf( test_fp, "w_id = %d ", w_id);
        fprintf( test_fp, "d_id = %s ", in_data-
>D_ID);
        fprintf( test_fp, "c_w_id=%s ", in_data-
>C_W_ID);
        fprintf( test_fp, "c_d_id=%s ", in_data-
>C_D_ID);
        fprintf( test_fp, "h_amount=%s \n", in_data-
>H_AMOUNT);

        if (in_data->C_ID != 0)
            fprintf( test_fp, "c_id = %s
\n", in_data->C_ID);
        if (in_data->C_LAST != 0)
            fprintf( test_fp, "c_last = %s
\n", in_data->C_LAST);

        fprintf( test_fp, "----- trans buf area -----
\n\n");
        fprintf( test_fp, "w_id = %d ", bp->w_id);
        fprintf( test_fp, "d_id = %d ", bp->d_id);
        fprintf( test_fp, "c_id = %d ", bp->c_id);
        if ( bp->c_last[0] == '0' ) {
            //
            fprintf( test_fp, "byname = %d \n", bp-
>payin.bylastname);
        } else {
            //
            fprintf( test_fp, "c_last = %s :byname
= %d\n", bp->payin.c_last,
//
            bp->payin.bylastname);
        }
    }
    else {
        fprintf( test_fp, "c_w_id=%d ", bp->c_w_id);
        fprintf( test_fp, "c_d_id=%d ", bp->c_d_id);
        fprintf( test_fp, "h_amount=%f \n", bp-
>h_amount);
    }
    else {
        fprintf( test_fp, "----- trans buf area (after) ---
--\n\n");
        fprintf(test_fp, "w_id = %d ", bp->w_id);
        fprintf(test_fp, "d_id = %d ", bp->d_id);
        fprintf(test_fp, "c_id = %d\n", bp->c_id);

        fprintf(test_fp, "w_str_1=%s ", bp-
>w_street_1);
        fprintf(test_fp, "w_str_2=%s\n", bp-
>w_street_2);
        fprintf(test_fp, "d_str_1=%s ", bp-
>d_street_1);
        fprintf(test_fp, "d_str_2=%s\n", bp-
>d_street_2);
        fprintf(test_fp, "w_city=%s ", bp->w_city);
        fprintf(test_fp, "w_state=%s\n", bp-
>w_state);
        fprintf(test_fp, "d_city=%s ", bp->d_city);

```



```

#include "ATMI.H" // TP-BASE include File

#ifdef USE_FML
# include "fml.h"
# include "fldtbl.h" // Create by mkfldhdr commnd.
#endif

char *point;
FILE *envget;
FILE *errfile;

#include "dmy.h" // For debug

static TPINIT *tpinf;
static DWORD TLSIsTpnitedKey;
static int ThrTpnit();

//
// The date data is converted. (The time data is not
// contained.)
// Numeric data is converted into character string data.
//
void convert_time( char *save_p, double time )
{
    struct tm tim;
    time_t tt = ( time_t )time;

    tim = *( localtime( &tt ) );

    sprintf( save_p, "%02d-%02d-
%04d %02d:%02d:%02d",
            tim.tm_mday, tim.tm_mon+1, tim.tm_year +
1900,
            tim.tm_hour, tim.tm_min, tim.tm_sec );
}

//
// The date data is converted. (The time data is
// contained.)
// Numeric data is converted into character string data.
//
void convert_date( char *save_p, double time )
{
    struct tm tim;
    time_t tt = ( time_t )time;

    tim = *( localtime( &tt ) );

    sprintf( save_p, "%02d-%02d-%04d",
            tim.tm_mday, tim.tm_mon+1, tim.tm_year +
1900 );
}

/*
Thread tpinit()
Thread tpinit() TLS

tpinit()
tpinit()

Tpinit() is executed with each thread.
The flag in the TLS region is checked, and whether
corresponding thread has executed
function tpinit is judged.
When function tpinit is unexecution, the flag is not
set.
When function tpinit is executed, the flag is set.
*/
static int ThrTpnit()

static int num_tpnits=0;
static int x=1;
static int once=0;
static CRITICAL_SECTION TpCriticalSection;
int lasterr, iRc, TpRc;
int retry = 0;
BOOL Success = FALSE;

// Whether the key data is set is checked.
if(!TlsGetValue(TLSIsTpnitedKey)) {

// If the key data is not set
FILE *fp;
fp = fopen("c:\\tuxlog\\tpapl.log", "ab");

if (once)

InitializeCriticalSection(&TpCriticalSection);
once=1;

fprintf(fp, "- Start -----
\\n");
}

#ifdef DBPRT
fprintf(fp, "** In ThrTpnit Thread %d * \\n",
GetCurrentThreadId());
#endif

fclose(fp);

while ( retry < 10 )

EnterCriticalSection(&TpCriticalSection);

// Execute tmalloc()
if(tpinf == NULL)

if ((tpinf = ( TPINIT *)tpalloc("TPINIT",
NULL, sizeof(TPINIT))) == NULL)

LeaveCriticalSection(&TpCriticalSection);
TpRc = tperno;

{
FILE *fp;
fp =
fopen("c:\\tuxlog\\tpapl.log", "ab");
fprintf(fp, "> ThrTpnit:%d :
tpalloc of tpinit failed: %d : %s\\n",
GetCurrentThreadId(),
TpRc, tpsterror(TpRc));
fclose(fp);
}
retry++;
continue;
}

tpinf-
>flags|=TPMULTICONTEXTS;
}

// Execute tpinit()
iRc = tpinit(tpinf);
TpRc = tperno;

// check return code
if (iRc < 0)

// if tpinit abnormal end

LeaveCriticalSection(&TpCriticalSection);
retry++;
lasterr = GetLastError();
}
else
// if tpinit() normal end
Success = TRUE;

LeaveCriticalSection(&TpCriticalSection);
break;
}
Sleep(5); // Relinquish thread
timeslice
} // retry the tpinit if it failed the first time

// if tpinit() abnormal end
if ( Success == FALSE )
{
char ebuf[128];
sprintf(ebuf,
"False : ThrTpnit %d : Cannot tpinit
after %d tries iRc = %d LastErr = %d \\n",
GetCurrentThreadId(), 1, iRc, lasterr);

FILE *fp;
fp = fopen("c:\\tuxlog\\tpapl.log",
"ab");

fprintf(fp, "%s\\n", ebuf);
fclose(fp);

}
return -1;
}

// if tpinit() normal end
if ( Success == TRUE )

if ( retry > 0 )
char ebuf[128];
sprintf(ebuf,
"Success : ThrTpnit %d: Cannot
tpinit after %d tries iRc = %d LastErr = %d \\n",
GetCurrentThreadId(), 10, iRc,
lasterr);
sprintf(ebuf,
"Success : ThrTpnit Thread %d
Success retry count %d with LastErr = %d \\n",
GetCurrentThreadId(), retry,
lasterr);

FILE *fp;
fp = fopen("c:\\tuxlog\\tpapl.log",
"ab");

fprintf(fp, "%s\\n", ebuf);
fclose(fp);
}

if
(( iRc=TlsSetValue(TLSIsTpnitedKey,&x)) == 0) { //?
{
FILE *fp;
fp = fopen("c:\\tuxlog\\tpapl.log",
"ab");

fprintf(fp, "> ThrTpnit %d :
TlsSetValue Failed iRc: %d \\n",

```

```

        GetCurrentThreadId(),
        }
        fclose(fp);
    }
}
else
    // If the key data is set
#ifdef DBORT
    FILE *fp;
    fp = fopen("c:\\luxlog\\tppapl.log", "ab");
    fprintf(fp, "ThrTpnlit Thread %d already
tpinitated * (%x) \\n",
        GetCurrentThreadId(), tpinf->flags);
    fclose(fp);
#endif
}

return 0;
}
/*
check HTML form
*/

int checkHTMLform( char *str, char *buffer)
{
    int length;
    int cnt1;
    int cnt2 = 0;
    int newlength = 0;

    length = strlen( str );

    for (cnt1 = 0; cnt1 < length; cnt1++){
        if ( *(str + cnt1) == '&'){
            *(buffer + cnt2) = '&'; cnt2++;
            *(buffer + cnt2) = 'a'; cnt2++;
            *(buffer + cnt2) = 'm'; cnt2++;
            *(buffer + cnt2) = 'p'; cnt2++;
            *(buffer + cnt2) = '.'; cnt2++;
        }
        else if ( *(str + cnt1) == '<'){
            *(buffer + cnt2) = '&'; cnt2++;
            *(buffer + cnt2) = '!'; cnt2++;
            *(buffer + cnt2) = 't'; cnt2++;
            *(buffer + cnt2) = '.'; cnt2++;
        }
        else if ( *(str + cnt1) == '>'){
            *(buffer + cnt2) = '&'; cnt2++;
            *(buffer + cnt2) = 'g'; cnt2++;
            *(buffer + cnt2) = 't'; cnt2++;
            *(buffer + cnt2) = '.'; cnt2++;
        }
        else if ( *(str + cnt1) == '"'){
            *(buffer + cnt2) = '&'; cnt2++;
            *(buffer + cnt2) = 'q'; cnt2++;
            *(buffer + cnt2) = 'u'; cnt2++;
            *(buffer + cnt2) = 'a'; cnt2++;
            *(buffer + cnt2) = 't'; cnt2++;
            *(buffer + cnt2) = '.'; cnt2++;
        }
        else {
            *(buffer + cnt2) = *(str + cnt1);
            cnt2++;
        }
    }
}

}

}

*(buffer + cnt2) = 0;
return ( strlen (buffer) );
}

/*
alp2str : Outputs a string into the memory space
supplied.

field = the destination field
field_size = number of characters to output
string = alpha string to be displayed
*/

void alp2str(char *str, int len, char *alp)
{
    int cnt;

    cnt = strlen (alp);
    strncpy (str, alp, len); /* copy to destination area */

    /* len */
    /*
    If not coming up to the specified length then set the
blank. */
    if ( len - cnt > 0 )
        memset ( &str[cnt], ' ', len - cnt);
}

/*
int2str : Converts an integer value to a string of a
specified length and
outputs the string to the memory buffer supplied.

field = the destination field
field_size = number of characters to output
value = integer to be displayed
*/

void int2str(char *str, int len, int num)
{
    int cnt;

    for (cnt = len - 1; cnt >= 0 ; cnt--){
        str[cnt] = (num % 10) + '0';
        num /= 10;
    }

    for (cnt = 0; cnt < len-1; cnt++){
        if (str[cnt] == '0')
            str[cnt] = ' ';
        else
            return;
    }
}

/*
int3str : Converts an integer value to a string of a
specified length and
outputs the string to the memory buffer supplied.

field = the destination field
field_size = number of characters to output
value = integer to be displayed
*/

void int3str(char *str, int len, int num)
{
    int cnt;

    for (cnt = len - 1; cnt >= 0 ; cnt--){
        str[cnt] = (num % 10) + '0';
        num /= 10;
    }
}

/*
date2str : Outputs a date in the supplied buffer in the
following format:
DD-MM-YYYY

field = the destination field
date = date to be converted and displayed
*/

void date2str(char *str, char *time)
{
    int year, month, day;

#ifdef DBPRT
    fprintf (test_fp, "date2: %s\\n", time);
#endif
    sscanf( time, "%d-%d-%d", &day, &month, &year );

    int3str (str, 2, day);
    str[2] = '-';
    int3str (&str[3], 2, month);
    str[5] = '-';
    int3str (&str[6], 4, year);
}

/*
time2str:
Outputs a date and time in the supplied buffer in the
following format:
DD-MM-YYYY hh:mm:ss

field = the destination field
date = date and time to be converted and displayed
*/

void time2str (char *str, char *time)
{
    int year, month, day, hour, min, sec;

#ifdef DBPRT
    fprintf (test_fp, "time2: %s\\n", time);
#endif
    sscanf( time, "%d-%d-%d %d:%d:%d",
        &day, &month, &year, &hour, &min, &sec);

    int3str (str, 2, day);
    str[2] = '-';

    int3str (&str[3], 2, month);
    str[5] = '-';

    int3str (&str[6], 4, year);
    str[10] = ' ';

    int3str (&str[11], 2, hour);
    str[13] = ':';

    int3str (&str[14], 2, min);
    str[16] = ':';
}

```

```

int3str (&str[17], 2, sec);
}

/*
dec2str:
Converts a double precision floating point value to a
string of
a specified length and outputs the string to the
memory buffer supplied.
This routine assumes the following restrictions apply:
Precision is fixed at 2 places to the right of the
decimal point.
No string length will be less than 4.

field = the destination field
field_size = number of characters to output
value = floating point number to be displayed
*/

void dec2str(char *str, int len, double num)
{
int dec, sign, i, cnt;
char *string;

string = ecvt(num, len-1, &dec, &sign);

/* dec =      ,sign = 0, 1,string=
*/

if (dec > 0) {
/* if the integer part is not zero ..
Example :num data is 1234.56 */
cnt = (len - 3) - dec;

/*
: "0012" -> " 12" */
/* If the high-order digit is zero , zero is changed at
the blank */
for (i = 0; i < cnt; i++){
/* pad with blank in the high part of the
number */
str[i] = ' ';
}

/* The high-order digit set to the output
area: */
for (; i < (len - 3);
str[i] = *(string++);
}
else
/* If the integer part is zero ... Example:
num data is 0.12 */
cnt = len - 4;

for (i = 0; i < cnt; i++){
/* pad with blank in the high part of
the number */
str[i] = ' ';
}
str[i++] = '0';

}

str[i++] = '.';

for (; dec < 0 && i < len; dec++, i++){
/* pad with 0's in the high part of the
fraction */

```

```

str[i] = '0';
}

for (; i < len; i++){
/* copy the decimal portion (2 places) */
str[i] = *(string++);
}
}

/*
sigdec2str:
Converts a double precision floating point value to a
string of
a specified length and outputs the string to the
supplied buffer.
If the value is negative, the first character will be a
minus sign (-).

field = the destination field
field_size = number of characters to output
value = floating point number to be displayed
*/

void sigdec2str(char *str, int len, double num)
{
if (num >= 0.0) {
str[0] = '+';
dec2str (&str[1], len - 1, num);
} else {
str[0] = '-';
dec2str (&str[1], len - 1, -num);
}
}

/*
zip2str:
Outputs a zipcode in the supplied buffer in the
following format:
XXXXXX-XXXX

str = the destination field
zip = the zipcode to be output
*/

void zip2str (char *str, char *zip)
{
alp2str (str, 5, zip);
str[5] = '-';
alp2str (&str[6], 4, &zip[5]);
}

/*
phone2str:
Outputs a phone number in the supplied buffer in the
following format:
XXXXXX-XXX-XXX-XXXX

str = the destination field
phone = the phone number to be output
*/

void phone2str(char *str, char *phone)
{
alp2str (str, 6, phone);
str[6] = '-';

alp2str (&str[7], 3, &phone[6]);
str[10] = '-';

```

```

alp2str (&str[11], 3, &phone[9]);
str[14] = '-';

alp2str (&str[15], 4, &phone[12]);
}

#define numcheck(num) (0x30 <= num && num <=
0x39) /* 0 - 9 */
#define alpcheck(num) (0x41 <= num && num <=
0x5a) /* A - Z */

/*
str2int :
takes a string, makes sure it's not too long, and
ensures that it
represents an integer.
If it does, the corresponding int value is returned.

-3: there is not string data.
-2: find not character data.
-1: string data is too many long
*/

int str2int(char *str, int field_len) {
int x;

if(str == 0 || !(x = strlen(str))) return -3;
if(x > field_len){
if (strchr (str, '%') != 0) /* 98.8.3 :
return -2;
else
return -1;
}
else{
for (; x < x-){
if (!numcheck(str[x-1]))
return -2;
}
}
return atoi(str);
}

/*
str2short :
takes a string, makes sure it's not too long, and
ensures that it
represents an integer.
If it does, the corresponding short value is returned.

-3: there is not string data.
-2: find not character data.
-1: string data is too many long
*/

short str2short(char *str, int field_len) {
int x;

if(str == 0 || !(x = strlen(str))) return -3;
if(x > field_len){
if (strchr (str, '%') != 0) /* 98.8.3 :
return -2;
else
return -1;
}
else {
for (; x < x-){

```

```

        if (!numcheck(str[x-1]))
            return -2;
    }
}
x = atoi(str);
return (short)x;
}
*/
str2str :
makes sure the string exists and isn't too long.

-1: string data is too many long
-2: find not figure data.
0: there is not string data.
1: normal end
*/
int str2str(char *str, int field_len) {
    int x;

    if (str == 0 || !(x = strlen(str))) return 0;

    if(x > field_len) {
        if (strchr(str, '%') != 0) /* 98.8.3 :
*/
            return -2;
        else
            return -1;
    }
    else {
        for( ; x ; x-){
            if (!alpccheck(str[x-1]))
                return -2;
        }
    }
    return 1;
}

*/
str2dbl :
takes a string, makes sure it's not too long, and
makes sure that it
represents a floating point number.
If so, delete the decimal point.
As a result, the value is increased hundredfold.
this function is returned integer value.

!! This function use Payment transaction only.

-3: there is not string data.
-2: find not character data.
-1: string data is too many long
*/
int str2dbl(char *str, int field_len) {
    int x, len, cnt;
    char NUM[7];

    char pointf = 0;
    int fcnt = 2; /* */

    if(str == 0 || !(x = strlen(str))) return -3;
    len = x;

    if(x > field_len){
        if (strchr(str, '%') != 0) /* 98.8.3 :
*/
            return -2;
        else
            return -1;
    }
    else {
        for(;x;x-){
            if(numcheck(str[x-1]));
            else if((str[x-1] == '.') && ((len - x) < 3));
            else if((str[x-1] == '-') && (x == 1));
            else if((str[x-1] == '+') && (x == 1));
            else return -2;
        }
    }

    /* delete the decimal point. As a result,do
hundredfold the value.*/
    for (cnt = 0, x = 0; x < len; x++){

        if (str[x] == '.') {
            /* find the decimal point. set point flag.*/
            pointf = 1;
        } else
            /* set character to work buffer.*/
            NUM[cnt] = str[x]; cnt++;

        /* The figure below the decimal point was
detected */
        if (pointf == 1) {fcnt--;}
    }

    if (pointf == 1 && fcnt > 0){
        /*There was no figure below the decimal
point or only one digit was
found.: */
        for (; fcnt > 0 ; fcnt--){
            NUM[cnt++] = '0';
        }
    }
    else if (pointf == 0) {
        /* There is no decimal point.:
*/
        NUM[cnt++] = '0'; NUM[cnt++] = '0';
    }

    NUM[cnt] = 0;

    return (atoi(NUM));
}

*/
struct_init :
init_ptrs sets everything in the annoyingly long
raw_form_data structure
to zero.
*/
void strtct_init (rte_input_data *in_data) {

    int cnt = 0;

    in_data->button = 0;
    in_data->cookie = 0;
    in_data->form = 0;
    in_data->O_CARRIER_ID = 0;
    in_data->threshold = 0;
    in_data->D_ID = 0;
    in_data->C_ID = 0;

    in_data->C_W_ID = 0;
    in_data->C_D_ID = 0;
    in_data->C_LAST = 0;
    in_data->H_AMOUNT = 0;

    for (cnt = 0; cnt < 15; cnt++){
        in_data->OL_SUPPLY_W_ID[cnt] = 0;

    for (cnt = 0; cnt < 15; cnt++){
        in_data->OL_I_ID[cnt] = 0;

    for (cnt = 0; cnt < 15; cnt++){
        in_data->OL_QUANTITY[cnt] = 0;
    }
}

*/
para_split :

(QueryString)

: . NULL
NULL NULL

Split divides up a string based on the first instance of
a specified
delimiter ('sp'). The first instance of 'sp' is converted
to a NULL
and the address of the first character of the second
half is returned.
Thus the user has the first half (which he passed in
and still has) and
the second half (which was returned) with a NULL
between them. Yay.
(Yes, strtok does this, sort of, but I can't nest strtok
calls.)
*/
char *para_split(char *para, char delimita) {

    char *point;

    /* The address of the delimitation character is
calculated */
    /* */
    if ((point = strchr(para, delimita)) == NULL)
        return (char *)0;

    /* The delimitation character is replaced with NULL*/
    *point = '\0'; /* NULL */

    /* The first position of the analyzed variable is
returned.*/
    return (point + 1); /* */
}

*/
anly_para :
QueryString

:

Gets the query string and finds every variable=value
pair contained
within it. For every pair, it runs the variable name
through a really
big compound switch statement that matches for
specific variables we

```

want to catch. When we find a known variable name, we stick a pointer to its corresponding value into the appropriate member of 'ptrs.'

query - a 1024 byte buffer that contains the query string.
ptrs - a raw_form_data structure to hold pointers.
*/

```
int anly_para (char *para, rte_input_data *in_data) {
    char *val, *rest;
    int num = 0;

    if(!para) return 0;

    while(para) {

        rest = para_split(para, '&'); /* next parameter
point */
        val = para_split(para, '='); /* now value
point */

        switch(para[0]) {
        case 'c':
            in_data->cookie = val;    break;

        case 'b':
            in_data->button = val;    break;

        case 'f':
            in_data->form = val;    break;

        case 't':
            in_data->threshold = val;    break;

        case 'D':
            in_data->D_ID = val;    break;

        case 'H':
            in_data->H_AMOUNT = val;    break;

        case 'C':
            switch(para[1]) {
            case 'I':
                in_data->C_ID = val;    break;

            case 'W':
                in_data->C_W_ID = val; break;

            case 'L':
                in_data->C_LAST = val; break;

            case 'D':
                in_data->C_D_ID = val; break;
            }
            break;

        case 'O':
            switch(para[1]) {
            case 'C':
                in_data->O_CARRIER_ID =
val;    break;

            case 'S':
                switch(para[2]) {
                case '0':
                    if (para[3] >= 0x31 &&
para[3] <= 0x39){
```

```
                num = (int)(para[3]
- 0x30);
                    if (strlen(val) != 0 )
                        in_data->
>OL_SUPPLY_W_ID[num - 1] = val;
                    }
                    break;

                case '1':
                    if (para[3] >= 0x30 &&
para[3] <= 0x35){
                        num = (int)(para[3]
- 0x30) + 10;
                        if (strlen(val) != 0 )
                            in_data->
>OL_SUPPLY_W_ID[num - 1] = val;
                    }
                    break;

                case 'I':
                    switch(para[2]) {
                    case '0':
                        if (para[3] >= 0x31 &&
para[3] <= 0x39){
                            num = (int)(para[3]
- 0x30);
                            if (strlen(val) != 0 )
                                in_data->
>OL_I_ID[num - 1] = val;
                        }
                        break;

                    case '1':
                        if (para[3] >= 0x30 &&
para[3] <= 0x35){
                            num = (int)(para[3]
- 0x30) + 10;
                            if (strlen(val) != 0 )
                                in_data->
>OL_I_ID[num - 1] = val;
                        }
                        break;

                    case 'Q':
                        switch(para[2]) {
                        case '0':
                            if (para[3] >= 0x31 &&
para[3] <= 0x39){
                                num = (int)(para[3]
- 0x30);
                                if (strlen(val) != 0 )
                                    in_data->
>OL_QUANTITY[num - 1] = val;
                            }
                            break;

                        case '1':
                            if (para[3] >= 0x30 &&
para[3] <= 0x35){
                                num = (int)(para[3]
- 0x30) + 10;
                                if (strlen(val) != 0 )
                                    in_data->
>OL_QUANTITY[num - 1] = val;
                            }
                        }
                    }
                }
            }
        }
    }
}
```

```
                }
                break;
            }
            break;
        }
        para = rest;
    }

    if (in_data->cookie != 0)
        return(atoi (in_data->cookie));
    else
        return(0);
}

/* Error message list : these are notified from CLINET to
RTE */
/* 98.8.3 : */
char errstrings[23][166] = {
"The function you selected doesn't exist.\r\n"
"Don't enter URLs manually!\r\n%s",
/* 0 */

"You seem to have responded to a form that doesn't
exist.\r\n"
"Don't enter URLs manually!\r\n%s",
/* 1 */

"The District ID you entered isn't valid.\r\n%s\r\n"
"It must be an integer in the range 1 to 10.\r\n",
/* 2 */

"The threshold value you entered isn't valid.\r\n%s\r\n"
"It must be an integer in the range 10 to 20.\r\n",
/* 3 */

"The terminal number you entered isn't valid.\r\n%s\r\n"
"It must be an integer in the range 1 to %d.\r\n",
/* 4 */

"The Carrier ID you entered isn't valid.\r\n%s\r\n"
"It must be an integer in the range 1 to 10.\r\n",
/* 5 */

"The Customer ID you entered isn't valid.\r\n%s\r\n"
"It must be an integer of 4 or fewer digits.\r\n",
//It must be an integer in the 1 to 3000.\r\n",
/* 6 */

"The Customer Last Name you entered isn't
valid.\r\n%s\r\n"
"It must be a string shorter than 16 characters.\r\n",
/* 7 */

"The Payment Amount you entered isn't
valid.\r\n%s\r\n"
"It must be a dollar amount, without the dollar sign,"
" between $1.00 and $5000.00.\r\n",
/* 8 */

"The Customer Warehouse ID you entered isn't
valid.\r\n%s\r\n"
"It must be an integer in the range 1 to %d.\r\n",
/* 9 */

"The Customer District ID you entered isn't
valid.\r\n%s\r\n"
}
```



```

"It must be an integer in the 1 to 10.\r\n",
    /* 10 */

"You must enter either a Customer ID or a Customer
Last Name.\r\n"
"You left both fields blank.\r\n%s",
    /* 11 */

"The Warehouse ID you entered isn't valid.\r\n%s\r\n"
"It must be an integer in the range 1 to %d.\r\n",
    /* 12 */

"On entry line %d, the data you entered for the %s field
isn't valid.\r\n%s\r\n", /* 13 */

"Supply Warehouse ID",
    /* 14 */

"Item ID",
    /* 15 */

"Quantity",
    /* 16 */

"Your entry was outside the range.",
    /* 17 */

"You didn't enter anything for the field.",
    /* 18 */

"Your entry contained too many characters.",
    /* 19 */

"The input data is wrong data type, must be numeric.",
    /* 20 */

"It must be an integer in the range 1 to %d.",
    /* 21 */

"The input data is wrong data type, must be english
capital letter.", /* 22 */
};

/*
set_errpage:

RTE

a generic error page generator. If the user does
anything screwy,
s/he gets here. The function generates an error page
based on the
two errlvl arguments and returns it for the user..

When err_no is 13 or more, Order Line Data is
Abnormal.
(err_no is the error data line number )

98.8.3 :
*/

int set_errpage (char *buf, int user, int err_no, int err_inf,
int sub_inf, int sub_inf2) {
    char errmsg[1024];
    int nchar;
    int length;

    if(err_no >= 13) { /* OrderLine
Data(Neworder) is Abnormal */
        switch(err_inf) {
            case -5: /* S_W_ID data is
abnormal */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[14],errmsgs[20]);
                sub_inf2 = maxwh;

```

```

                break;
            case -8: /* S_W_ID data is
uninput */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[14],errmsgs[18]);
                sub_inf2 = maxwh;
                break;
            case -15: /* S_W_ID data is
outside range */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[14],errmsgs[17]);
                sub_inf2 = maxwh;
                break;

            case -1: /* I_ID data is
uninput */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[15],errmsgs[18]);
                sub_inf2 = 100000;
                break;
            case -6: /* I_ID data is
abnormal */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[15],errmsgs[20]);
                sub_inf2 = 100000;
                break;
            case -16: /* I_ID data is
outside range */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[15],errmsgs[17]);
                sub_inf2 = 100000;
                break;

            case -7: /* Quantity data is
abnormal */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[16],errmsgs[20]);
                sub_inf2 = 10;
                break;
            case -2: /* Quantity data is
uninput */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[16],errmsgs[18]);
                sub_inf2 = 10;
                break;
            case -17: /* Quantity data is
outside range */
                sprintf(errmsg,errmsgs[13],err_no-
12,errmsgs[16],errmsgs[17]);
                sub_inf2 = 10;
                break;

            default:
                break;
        }

        length = strlen(errmsg);
        sprintf(&errmsg[length], errmsgs[21],
sub_inf2);
        sprintf(buf, errhtml, errmsg, SOPATH,
user);
    }
    else if (err_no == 4 || err_no == 9 || err_no
== 12) {
        switch(err_inf) {
            case -3: /* There is not Input data */

```

```

                sprintf(errmsg,
errmsgs[err_no], errmsgs[18], sub_inf2);
                break;

            case -1: /* too many characters */
                sprintf(errmsg,
errmsgs[err_no], errmsgs[19], sub_inf2);
                break;

            case -2: /* Not all digits */
                sprintf(errmsg, errmsgs[err_no],
errmsgs[20], sub_inf2 );
                break;

            case -4: /* nothing sub message */
                sprintf(errmsg,
errmsgs[err_no], " ", sub_inf2);
                break;

            default: /* Other error */
                sprintf(errmsg,
errmsgs[err_no], errmsgs[17], sub_inf2);
                break;
        }
        sprintf(buf, errhtml, errmsg, SOPATH,
user);
        printf("%s", buf);
    }
    else{
        switch(err_inf) {
            case -3: /* There is not Input data */
                sprintf(errmsg,
errmsgs[err_no], errmsgs[18]);
                break;

            case -1: /* too many characters */
                sprintf(errmsg,
errmsgs[err_no], errmsgs[19]);
                break;

            case -2: /* Not all digits */
                if (err_no == 7)
                    sprintf(errmsg,
errmsgs[err_no], errmsgs[22]);
                else
                    sprintf(errmsg,
errmsgs[err_no], errmsgs[20]);

                break;

            case -4: /* nothing sub message */
                sprintf(errmsg,
errmsgs[err_no], " ");
                break;

            default: /* Other error */
                sprintf(errmsg,
errmsgs[err_no], errmsgs[17]);
                break;
        }
        sprintf(buf, errhtml, errmsg, SOPATH,
user);
        printf("%s", buf);
    }
}

```

```

    DBGR(fprintf (test_fp, "This Transaction is parameter
ERROR\n"));
    return 0;
}

/*
 set_tuxerr :
 this function make error message of the TP-
 application program.
*/
int set_tuxerr (char *page, char *err_inf, int cookie) {

#ifdef SCRTEST

    tpterm ();

#endif

    sprintf(page, tuxerr, err_inf, SOPATH, cookie);

    return 0;
}

/*
 set_oraerr :
 this function make error message of the Oracle
 application program.
*/
int set_oraerr (char *page, char *err_inf, int cookie) {

#ifdef Symfo
    sprintf(page, symfoerr, err_inf, SOPATH, cookie);
#else
    sprintf(page, oraerr, err_inf, SOPATH, cookie);
#endif

    return 0;
}

/*
 set_symfoerr :
 this function make error message of the Oracle
 application program.
*/
void set_symfoerr (char *page, int errorpos, int
sqlstate, int cookie)
{
    char *sqlfunc[4] ={"Failure on insert of a new
record",
                    "Failure on select of an existing record",
                    "Failure on update of an existing record",
                    "Failure to delete an existing record"};
    char buf[80];
    int pos;

    if ( errorpos == 0){
        sprintf( buf,"%s ...
(SQLSTATE : %05d)",sqlstate);
    }
    else{
        pos = errorpos / 100 ;
        sprintf( buf,"%s ...
(SQLSTATE : %05d)",sqlfunc[pos-1],sqlstate);
    }

    sprintf(page, symfoerr, buf, SOPATH, cookie);
}

#ifdef USE_FML
//
void term_id ( int cookie){

    int transaction_id;
    int num;
    int loop;

    //
    for (loop = 0; loop < 5; loop++){

        num = Term_Base + TRN_ID[loop];
        transaction_id = 1;

        while ( num <= cookie ) {
            num += TRN_ID[loop];
            transaction_id++;
        }

        srv->m_tcctx[cookie - Term_Base].trn_id[loop]
= (char)transaction_id;
    }

    // DBGP(fprintf(test_fp,"svn=%d ott-cnt=%d,
num=%d\n", svnum, loop, num));

    return;
}
#endif

/* -----
---
The function number of the TP application program
which requests processing
is acquired. ( Get TPCCxx name in tpccsvr.ott )
-----
*/
int getsvnam ( int cookie ){

    int svnum = 1;
    int num;
    int loop = 0;

    num = 0;

    if ( maxconnect < cookie || cookie == 0){
        DBGP(fprintf (test_fp, "Term NO(%d) is not
support!\n", cookie));
        return(-1);
    }
    /* COMMENT OUT : 98.01.13
=====
=
    for (cnt = 1; cnt < tpc_area->clnt_num; cnt++){
        if ( cookie < tpc_area->clnt[cnt][0]){
            break;
        }
    }

    cnt--;
    num = tpc_area->clnt[cnt][0];
    DBGP(fprintf (test_fp,"cookie=%d (client=%d,
max=%d, num=%d ->\",\
cookie, cnt, tpc_area->clnt[cnt][0], num));

    for (loop = 0; loop < tpc_area->clnt[cnt][1]; loop++){
        num += tpc_area->ott[cnt][loop];

        if (num > cookie){
            break;
        }
        else{
            svnum++;
        }
    }

    =====
    DBGP(fprintf(test_fp,"svn=%d ott-cnt=%d,
num=%d\n", svnum, loop, num));

    return (svnum);
}

/*
 fast_menu:
 This function reads a user's responses to the login
 form, sets
 up the user context, and returns the menu page.
*/
int fast_menu ( char *s_buf, rte_input_data *in_data, int
cookie){

    int w_id, d_id, user_id;
    char flag=0;

    // make w_id, d_id
    w_id = (cookie - 1)/10 + 1;
    d_id = (cookie - 1)%10 + 1;

#ifdef USE_FML
    //
    term_id ( cookie );
#endif

    // execute tpaloc ... : set w_id, d_id, and
trans_buffer pointer
    if ((user_id = srv->Terminit (w_id, d_id, cookie))
== -1){

        // tpaloc terminated abnormally
        sprintf(s_buf, tuxierr, "tpaloc", SOPATH);
        return -1;
    }

    sprintf(s_buf, h_menu, SOPATH, cookie);
    return 0;
}

/* -----
---
The w_id, d_id are acquired. and call the function
getsvnam
-----
*/
int idget ( char *s_buf, int cookie ){

    int w_id, d_id, user_id, sarvice_name;

    /* make w_id, d_id */
    w_id = (cookie - 1)/10 + 1;
    d_id = (cookie - 1)%10 + 1;

    if ((sarvice_name = getsvnam ( cookie )) < 0){

```

```

/*The terminal number exceeded the
maximum value */
printf(s_buf, noconnt, maxconnect,
cookie);
return -1;
}

printf(s_buf, h_menu, SOPATH, cookie);
return 0;
}

#define SUPPLY_NG 0x01
#define I_ID_NG 0x02
#define QUANTITY_NG 0x04

/* -----
chk_NOdata :
VerifyNewOrderLine verifies that a user's inputs for a
line in
the New Order form are okay.
return -5 : w_id abnormal value : Not Number
return -6 : i_id abnormal value : Not Number
return -7 : ol_quantity abnormal value : Not
Number
98.8.3 : (-15, -16, -17 : outside
range )
-----
- */
int chk_NOdata (neworder_trans *bp, int cnt,
rte_input_data *in_data, int svcnt)
{
char flag = 0;

if (in_data->OL_SUPPLY_W_ID[cnt] == 0 &&
in_data->OL_I_ID[cnt] == 0 &&
in_data->OL_QUANTITY[cnt] == 0){

/* Find last order line : 1 */
/* comment out : 98.08.25
bp->ol_i_id[cnt] = 0;
bp->ol_quantity[cnt] = 0;
bp->ol_supply_w_id[cnt] = 0;
return 0;

*/
return 16; /* change return code */
}

if (in_data->OL_SUPPLY_W_ID[cnt] != 0){

if (bp->ol_supply_w_id[svcnt] =
/* 99.8.19 w_id 5 keta */
str2int (in_data-
>OL_SUPPLY_W_ID[cnt], 5) < 1) /* 99.6.8 no_range
*/
return -5; /* w_id abnormal */

/*
if (bp->ol_supply_w_id[svcnt] =
str2int (in_data->OL_SUPPLY_W_ID[cnt], 4) <
1 ||
bp->ol_supply_w_id[svcnt] >
maxwh) {
if (bp->ol_supply_w_id[svcnt] < 0
return -5; /* w_id abnormal */
else
return -15; /* outside range */
}
*/ /* 99.6.8 */
}
else {
flag |= SUPPLY_NG;
}
}

if (in_data->OL_I_ID[cnt] != 0){

if (bp->ol_i_id[svcnt] =
str2int (in_data->OL_I_ID[cnt], 6) <
0) /* 99.6.8 no_range */
return -6; /* i_id abnormal
value */

/*
if (bp->ol_i_id[svcnt] =
str2int (in_data->OL_I_ID[cnt], 6) < 0
||
bp->ol_i_id[svcnt] > 100000) {

if (bp->ol_i_id[svcnt] < 0)
return -6; /* i_id abnormal
value */
else
return -16; /* outside range */
}
else if (bp->ol_i_id[svcnt] == 0){
/* Convert 0 into -1. if this function set
0 then the TP application
send the return code of abnormal
end : Oracle use only */
#ifdef Oracle
bp->ol_i_id[cnt] = -1;
#endif
}
*/ /* 99.6.8 */
}
else{
flag |= I_ID_NG;
}
}

if (in_data->OL_QUANTITY[cnt] != 0){

if ((bp->ol_quantity[svcnt] =
str2int (in_data->OL_QUANTITY[cnt], 2) < 1) ||
bp->ol_quantity[svcnt] > 10){

if (bp->ol_quantity[svcnt] < 0)
return -7; /*
ol_quantity abnormal value */
else
return -17; /*
outside range */
}
}
else{
flag |= QUANTITY_NG;
}
}

if (flag != 0){

/* the order lien data is abnormal : there is
a input item */
DBGR (fprintf (test_fp, "neworder ol data check
flag=%d\n", flag));
}

return -8;
if (flag & SUPPLY_NG) return -8;
if (flag & I_ID_NG) return -1;
if (flag & QUANTITY_NG) return -2;
return 1;
}
else{
/* the order lien data is normal */
return 1;
}
}
}

/* -----
setNOdata : This function set the execution result
data of the TP
applicatin program.
OF is an offset value to the next line data.
cnt is line number
-----
- */
int setNOdata (char *s_work, int OF, int cnt,
neworder_trans *bp, rte_input_data
*in_data)
{
#ifdef Symfo
/* 99.8.19 w_id 5 keta */
int2str((s_work + OF + newp[11]), 5, (int)bp-
>ol_supply_w_id[cnt]);

int2str((s_work + OF + newp[12]), 6, (int)bp-
>ol_i_id[cnt]);

alp2str((s_work + OF + newp[13]), 24, bp-
>i_name[cnt]);

int2str((s_work + OF + newp[14]), 2, (int)bp-
>ol_quantity[cnt]);
int2str((s_work + OF + newp[15]), 3, (int)bp-
>s_quantity[cnt]);
alp2str((s_work + OF + newp[16]), 1, &bp-
>brand_generic[cnt]);

dec2str((s_work + OF + newp[17]), 6,
(double)((double)bp->i_price[cnt] /
(double)100)); // check
dec2str((s_work + OF + newp[18]), 7,
(double)((double)bp->ol_amount[cnt] /
(double)100)); // check

return 0;
#else
if (!bp->ol_i_id[cnt]) {
alp2str ((s_work + OF + newp[11]), 78, "");
return -1;
}
else {
/* 99.8.19 w_id 5 keta */
int2str((s_work + OF + newp[11]), 5,
(int)bp->ol_supply_w_id[cnt]);

if (bp->ol_i_id[cnt] == -1)
bp->ol_i_id[cnt] = 0;

alp2str((s_work + OF + newp[12]), 6,
in_data->OL_I_ID[cnt]);
}
}
}

```

```

        alp2str((s_work + OF + newp[13]), 24, bp->
i_name[cnt]);

        int2str((s_work + OF + newp[14]), 2,
(int)bp->ol_quantity[cnt]);
        int2str((s_work + OF + newp[15]), 3,
(int)bp->s_quantity[cnt]);
        alp2str((s_work + OF + newp[16]), 1, &bp->
brand_generic[cnt]);

        dec2str((s_work + OF + newp[17]),
6, (double)bp->i_price[cnt]); // check
        dec2str((s_work + OF + newp[18]),
7, (double)bp->ol_amount[cnt]); // check
        return 0;
    }
#endif
}

/*-----
neworder : this function processes the NewOrder
transaction.
-----*/

int neworder (char *s_buf, rte_input_data *in_data, int
cookie)
{
    neworder_trans *bp;
    long olen;
    int user_id, i;
    int ol_cnt, cnt, rtn;

    char S_WORK[WORK_S];
    char TPAPL[12];
    char time_data[64];

    /* dbg 2000.12.18 */
    char tmpbuf[128];

#ifdef USE_FML
    neworder_trans tbuf;
    int w_id;

    bp = &tbuf;
    user_id = cookie - Term_Base;
    memset (bp, 0, sizeof(neworder_trans));
    /* 98.7.29 */
#else
    user_id = cookie - Term_Base;
    bp = ( neworder_trans *)srv->
m_tcctxt[user_id].trans_b;
#endif

    bp->tx_type = TX_NEWORDER;
    bp->C_R = 0;

#ifdef USE_FML
    sprintf (TPAPL, "TPCC"); // TP-Base
Application Name (View)
#else
    sprintf (TPAPL, "TPCC%d", (int)srv->
m_tcctxt[user_id].trn_id[0]);
#endif

    if ((rtn = ThrTplnit()) < 0){
        sprintf( S_WORK, "Thread init abort NEW (%d) \n",
rtn);
        set_or Kerr( s_buf, S_WORK, cookie );
        return (-1);
    }

    /*----- check the
Input data */
    bp->w_id = (short)srv->m_tcctxt[user_id].w_id;

    /* 99.6.8 no_range */
    // if((bp->d_id = str2int (in_data->D_ID, 2)) < 1 || bp->
d_id > 10 )
    if((bp->d_id = str2int (in_data->D_ID, 2)) < 1 )
        return set_errpage(s_buf, cookie, 2, (int)bp->d_id,
0, 0);

    /* 98.8.3 : */
    // if((bp->c_id = str2int (in_data->C_ID, 4)) < 1 || bp->
c_id > 3000 )
    if((bp->c_id = str2int (in_data->C_ID, 4)) < 0 )
        return set_errpage(s_buf, cookie, 6, bp->
c_id, 0, 0);

    /* 98.8.25 */
    ol_cnt = 0;
    for (cnt = 0; cnt < 15; cnt++){

        if ((rtn = chk_NOdata( bp, cnt, in_data, ol_cnt)) <
0){
            return set_errpage(s_buf, cookie, 13 + cnt, rtn, 0,
0);
        }

        /*
        else if (rtn == 0 && ol_cnt == 0){
            return set_errpage(s_buf, cookie, 13 + cnt, -8, 0,
0);
        }
        else if (rtn == 0){
            break;
        }
        */

        else if (rtn == 1){
            ol_cnt++;
        }

        // else // Order Line data is normal: rtn == 1
        // ol_cnt++;
        // }
    }

    /* nothing order line data */
    if (cnt >= 15 && ol_cnt == 0)
        return set_errpage(s_buf, cookie, 13, -8, 0, 0);

    /* if ol_cnt < 15 then the last order line set NULL */
    if (ol_cnt < 15){
        bp->ol_i_id[ol_cnt] = 0;
        bp->ol_quantity[ol_cnt] = 0;
        bp->ol_supply_w_id[ol_cnt] = 0;
    }

    // |
    bp->o_ol_cnt = ol_cnt;

    DBGR(new_dsp(in_data, bp, srv->
m_tcctxt[user_id].w_id, 0, ol_cnt));

    /* dbg 2000.12.18 */

    _strtime(tmpbuf);

    FILE *dbg;
    dbg = fopen ("C:\\luxlog\\dbgfile.txt", "ab");

    fprintf (dbg, "%s before_tpcall \t", tmpbuf);
    fprintf (dbg, "w_id= %d ", bp->w_id);
    fprintf (dbg, "d_id= %d ", bp->d_id);
    fprintf (dbg, "c_id= %d ", bp->c_id);
    fprintf (dbg, "o_id= %d\n", bp->o_id);

    fclose(dbg);
    /* dbg 2000.12.18 */

    /*----- Execute NewOrder
transaction */
    resend_neworder:

#ifdef SCRTST
    DBGR(tsp(0));
#endif

#ifdef USE_FML
    w_id = bp->w_id;

    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TERM, 0, (char *)&w_id, 0);
    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TRAN, 0, (char *)&bp->tx_type, 0);
    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_DATA, 0, (char *)bp,
(FLDLEN)sizeof( neworder_trans ) );

    if ( tpcall( TPAPL, ( char *)srv->
m_tcctxt[user_id].trans_b, 0,
( char **)&srv->m_tcctxt[user_id].trans_b,
&olen, 0|TPNOTIME ) == -1 ){

        if ( tperno == TPESVCFAIL ) {
            sprintf( S_WORK, "Oracle failed to process
NewOrder Transaction.\n"
"tperno = %d svc = '%s' d_id = %d c_id = %d
lines = %d\n",
tperno, TPAPL, bp->d_id, bp->c_id, ol_cnt );

            set_or Kerr( s_buf, S_WORK, cookie );
            return (-1);
        }

        sprintf( S_WORK, "tpcall failed in NewOrder:
tperno = %d\n"
"svc = '%s' d_id = %d c_id = %d lines
= %d\n",
tperno, TPAPL,
bp->d_id, bp->c_id, ol_cnt );

        set_tuxerr(s_buf, S_WORK, cookie);
        return (-1);
    }

    DBGR(tsp(1));

```

```

        tbuf = *((neworder_trans *)Ffind( (Fbfr *)srv-
>m_tcctxt[user_id].trans_b, FML_DATA, 0, NULL));
        bp = &tbuf;

#else

        if ( tpcall( TPAPL, ( char * )srv-
>m_tcctxt[user_id].trans_b,
        sizeof( neworder_trans ),
        ( char **)&srv->m_tcctxt[user_id].trans_b,
        &olen, 0|TPNOTIME ) == -1 ) {

                if ( tperno == TPESVCFAIL ) {
                        sprintf( S_WORK, "Oracle failed to process
NewOrder Transaction.\n"
                        "tperno = %d svc = %s' d_id = %d c_id = %d
lines = %d\n",
                        tperno, TPAPL,
                        bp->d_id, bp->c_id, ol_cnt );

                        set_orterr( s_buf, S_WORK, cookie );
                        return (-1);
                }

                sprintf( S_WORK, "tpcall failed in NewOrder:
tperno = %d\n"
                " svc = %s' d_id = %d c_id = %d lines
= %d\n",
                tperno, TPAPL,
                bp->d_id, bp->c_id, ol_cnt );

                set_tuxerr(s_buf, S_WORK, cookie);
                return (-1);
        }
        DBGR(tsp(1));

        bp = ( neworder_trans * )srv-
>m_tcctxt[user_id].trans_b;
#else

        dummy_neworder( bp );
#endif

/* dbg 2000.12.18 */

        _strtime(tmpbuf);

        dbg = fopen ("C:\\tuxlog\\dbgfile.txt", "ab");

        fprintf (dbg, "%s after_tpcall \t", tmpbuf);
        fprintf (dbg, "w_id= %d ", bp->w_id);
        fprintf (dbg, "d_id= %d ", bp->d_id);
        fprintf (dbg, "c_id= %d ", bp->c_id);
        fprintf (dbg, "o_id= %d\n", bp->o_id);

        fclose(dbg);
/* dbg 2000.12.18 */

        DBGR(new_dsp(in_data, bp, srv-
>m_tcctxt[user_id].w_id, 1, 1));

        sprintf( S_WORK, h_new2);

/* 99.8.19 w_id 5 keta */
        int2str ((S_WORK + newp[0]), 5, (int)bp->w_id);

        int2str ((S_WORK + newp[1]), 2, (int)bp->d_id);
        int2str ((S_WORK + newp[3]), 4, bp->c_id);

        alp2str ((S_WORK + newp[4]), 16, bp->c_last);
        alp2str ((S_WORK + newp[5]), 2, bp->c_credit);
        int2str ((S_WORK + newp[7]), 8, (int)bp->o_id);

        if ( bp->C_R == 1 || bp->C_R == 2 ) { // Normal End

                cnt = bp->o_ol_cnt;

#ifdef Symfo
                convert_time (time_data, bp->o_entry_d);
                time2str((S_WORK + newp[2]),time_data);
                dec2str ((S_WORK + newp[6]),5,
                (double)((double)(bp->c_discount) /
(double)100.0) );

                int2str ((S_WORK + newp[8]),2,(int)bp->o_ol_cnt);

                dec2str ((S_WORK + newp[9]),5,
                (double)((double)(bp->w_tax) /
(double)100.0));
                dec2str ((S_WORK + newp[10]),5,
                (double)((double)(bp->d_tax) /
(double)100.0));
#else
                time2str((S_WORK + newp[2]),bp->o_entry_d);
                dec2str ((S_WORK +
newp[6]),5,(double)(bp->c_discount*100.0));
                int2str ((S_WORK + newp[8]),2,(int)bp->o_ol_cnt);
                dec2str ((S_WORK + newp[9]),5,
                (double)(bp->w_tax * 100.0));
                dec2str ((S_WORK +
newp[10]),5,(double)(bp->d_tax * 100.0));
#endif

                for ( i = 0; i < cnt; i++ ) {
                        setINodata (S_WORK, 0x50*i, i, bp, in_data);
                }

#ifdef Symfo
                if (bp->C_R == 2)
                        alp2str ((S_WORK + newp[19]), 24,
"Item number is not valid");

                        dec2str ((S_WORK + newp[20]), 8,
                (double)((double)(bp->total_amount)
/ (double)100.0));
#else
                /* "Item number is not valid" or "" ('\\0') */
                // Oracle Web Server use
                alp2str ((S_WORK + newp[19]), 24, bp-
>status);
                dec2str ((S_WORK + newp[20]), 8,
                (double)(bp->total_amount)); // check
#endif

        }

#endifdef SCRTEST
        else{

#endifdef Symfo
                if ( bp->newout.terror == IRRRECERR ){
                        sprintf( S_WORK, "Irrecoverable error in
NewOrder\n");
                        set_tuxerr( s_buf, S_WORK, cookie);

                                return (-1);
                }
                else{
                        goto resend_neworder; /* Retry
NewOrder transaction */
                }
        }

#else

                set_symfoerr (s_buf, bp->errorpos, bp-
>sqlstate, cookie) ;
                return (-1);
        }
#endif
}

/* ----- The execution result data notified RTE is make
by the HTML form */

        sprintf(s_buf, h_new1);
        strcat (s_buf, S_WORK);

        sprintf(S_WORK, h_new3, SOPATH, cookie);
        strcat (s_buf, S_WORK);

        return (0);
}

/*-----
-
-
payment : this function processes the Payment
transaction.
-----

*/
int payment (char *s_buf, rte_input_data *in_data, int
cookie)
{
        payment_trans *bp;
        int i, user_id, rtn;
        long olen;

        float h_amount; /* For work */

        char c_id_flag = NG;
        char S_WORK[WORK_S];
        char TPAPL[12];
        char time_data[64];

        char buffer[128]; /* check HTML form */
        char buffer2[128];
        char buffer3[512];
        int newlength;

#ifdef USE_FML
        payment_trans tbuf;
        int w_id;
        bp = &tbuf;
        user_id = cookie - Term_Base;
        memset (bp, 0, sizeof(payment_trans));
        /* 98.7.29 */
#endif

        user_id = cookie - Term_Base;
        bp = ( payment_trans * )srv-
>m_tcctxt[user_id].trans_b;
#endif

        bp->tx_type = TX_PAYMENT;

```

```

        bp->C_R = 0;

#ifdef USE_FML
        sprintf (TPAPL, "TPCC"); // TP-Base
        Application Name (View)
#else
        sprintf (TPAPL, "TPCC%d", (int)srv-
>m_tcctxt[user_id].trn_id[1]);
#endif

        if ((rtn = ThrTplnit()) < 0){
            sprintf(S_WORK, "Thread init abort PAY (%d)\n",
            rtn);
            set_oraserr(s_buf, S_WORK, cookie);
            return (-1);
        }

/* ----- check the
Input data */
        bp->w_id = (short)srv->m_tcctxt[user_id].w_id;

        /* 99.6.8 no_range */
        /* check d_id data */
        // if((bp->d_id = str2short (in_data->D_ID, 2)) < 1 ||
        bp->d_id > 10)
            if((bp->d_id = str2short (in_data->D_ID, 2)) < 1)
                return set_errpage(s_buf, cookie, 2, (int)bp->d_id,
                0, 0);

        /* check c_id data */
        if((bp->c_id = str2int (in_data->C_ID, 4)) != -3){

// if (bp->c_id < 1 || bp->c_id > 3000){ /*
98.8.3 : */
            if (bp->c_id < 0) {
                return set_errpage(s_buf, cookie, 6,
                bp->c_id, 0, 0);
            }
            else{
                c_id_flag = OK;
            }
        }
        else{
            bp->c_id = 0;
        }

        /* check c_last data */
        if((rtn = str2str(in_data->C_LAST, 16)) < 0){
            // return set_errpage(s_buf, cookie, 7, rtn, 22, 0);
            /* 99.6.8 no_range */
            c_id_flag = OK; /* 99.6.8 no_range
*/
        }
        else{

            if (rtn == 0 || *(in_data->C_LAST) == '\0'){
                // bp->payin.bylastname = 0;
                /* Oracle use only */
            } else {
                strcpy (bp->c_last, in_data-
>C_LAST);
                // bp->payin.bylastname = 1;
                /* Oracle use only */
                c_id_flag = OK;
            }
        }

        /* c_id and c_last data is nothing */
        if (c_id_flag == NG)

                return set_errpage(s_buf, cookie, 11, -4, 0,
                0);

                /* 99.6.8 no_range */
                /* check c_w_id data */

                /* 99.8.19 w_id 5 keta */
                if((bp->c_w_id = str2short (in_data->C_W_ID, 5)) <
                1)

                // if((bp->c_w_id = str2short (in_data->C_W_ID, 4)) <
                1 || bp->c_w_id > maxwh)
                    return set_errpage(s_buf, cookie, 9, (int)bp-
                    >c_w_id, 0, maxwh);

                /* 99.6.8 no_range */
                /* check c_d_id data */
                if((bp->c_d_id = str2short (in_data->C_D_ID, 2)) < 1)
                // if((bp->c_d_id = str2short (in_data->C_D_ID, 2)) < 1
                || bp->c_d_id > 10)
                    return set_errpage(s_buf, cookie, 10, (int)bp-
                    >c_d_id, 0, 0);

                /* check h_amount data :
                str2dbl do hundredfold of the H_AMOUNT. The
                purpose of if is to process
                H_AMOUNT by the integer : 98.8.3 update */

                if((bp->h_amount = (long)str2dbl (in_data-
                >H_AMOUNT, 7)) < 100 ||
                bp->h_amount > 500000)
                    return set_errpage(s_buf, cookie, 8, (int)bp-
                    >h_amount, 0, 0);

                DBGP(pay_dsp(in_data, bp, srv-
                >m_tcctxt[user_id].w_id, 0));

                /* ----- Execute Payment
                transaction */
                resend_payment:

                #ifndef SCRTST

                DBGR(tsp(0));

                #ifdef USE_FML
                    w_id = bp->w_id;

                    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
                    FML_TERM, 0, (char *)&w_id, 0);
                    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
                    FML_TRAN, 0, (char *)&bp->tx_type, 0);
                    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
                    FML_DATA, 0, (char *)bp,
                    ( FLDLEN )sizeof( payment_trans ));

                    if ( tpcall( TPAPL, ( char *)srv-
                    >m_tcctxt[user_id].trans_b, 0,
                    ( char ** )&srv->m_tcctxt[user_id].trans_b,
                    &olen, 0|TPNOTIME ) == -1 ){

                        if ( tperno == TPESVCFAIL ) {
                            sprintf( S_WORK, "Oracle failed to process
                            Payment Transaction.\n"
                            "tperno = %d svc = '%s' d_id = %d c_id = %d
                            c_last = '%s'\n"
                            "c_w_id = %d, c_d_id = %d,
                            h_amount = %d\n",
                            tperno, TPAPL,
                            bp->d_id, bp->c_id, bp->c_last,
                            bp->c_w_id, bp->c_d_id,
                            bp->h_amount );

                            set_oraserr( s_buf, S_WORK, cookie );
                            return (-1);
                        }

                        sprintf( S_WORK, "tpcall failed in Payment:
                        tperno = %d\n"
                        "svc = '%s' d_id = %d c_id = %d
                        c_last = '%s'\n"
                        "c_w_id = %d c_d_id = %d
                        h_amount = %d\n",
                        tperno, TPAPL, bp->d_id, bp->c_id,
                        bp->c_last,
                        bp->c_w_id, bp->c_d_id, bp-
                        >h_amount );

                            set_tuxerr( s_buf, S_WORK, cookie);
                            return (-1);
                        }

                            "c_w_id = %d, c_d_id = %d,
                            h_amount = %d\n",
                            tperno, TPAPL,
                            bp->d_id, bp->c_id, bp->c_last,
                            bp->c_w_id, bp->c_d_id,
                            bp->h_amount );

                            set_oraserr( s_buf, S_WORK, cookie );
                            return (-1);
                        }

                            set_tuxerr( s_buf, S_WORK, cookie);
                            return (-1);
                        }

                            DBGR(tsp(1));
                            tbuf = *( ( payment_trans * )Ffind( (Fbfr *)srv-
                            >m_tcctxt[user_id].trans_b, FML_DATA, 0, NULL ));
                            bp = &tbuf;

                            #else

                            if ( tpcall( TPAPL, (char *)srv-
                            >m_tcctxt[user_id].trans_b,
                            sizeof(payment_trans), ( char ** )&srv-
                            >m_tcctxt[user_id].trans_b,
                            &olen, 0|TPNOTIME ) == -1 )

                            if ( tperno == TPESVCFAIL ) {
                                sprintf( S_WORK, "Oracle failed to process
                                Payment Transaction.\n"
                                "tperno = %d svc = '%s' d_id = %d c_id = %d
                                c_last = '%s'\n"
                                "c_w_id = %d, c_d_id = %d,
                                h_amount = %d\n",
                                tperno, TPAPL,
                                bp->d_id, bp->c_id, bp->c_last,
                                bp->c_w_id, bp->c_d_id,
                                bp->h_amount );

                                set_oraserr( s_buf, S_WORK, cookie );
                                return (-1);
                            }

                                sprintf( S_WORK, "tpcall failed in Payment:
                                tperno = %d\n"
                                "svc = '%s' d_id = %d c_id = %d
                                c_last = '%s'\n"
                                "c_w_id = %d c_d_id = %d
                                h_amount = %d\n",
                                tperno, TPAPL, bp->d_id, bp->c_id,
                                bp->c_last,
                                bp->c_w_id, bp->c_d_id, bp-
                                >h_amount );

                                    set_tuxerr( s_buf, S_WORK, cookie);
                                    return (-1);
                                }

                                    }

```

```

DBGGR(tsp(1));

bp = ( payment_trans * )srv-
>m_tcctxt[user_id].trans_b;
#endif

/* ----- Check the execution
result */
if ( bp->C_R != 1){

#ifndef Symfo
    if ( bp->payout.terror == IRRECERR ){
        sprintf ( S_WORK, "Irrecoverable error in
Payment\n" );
        set_tuxerr( s_buf, S_WORK, cookie);
        return (-1);
    }
    goto resend_payment; /* TP_base busy.
Try again */
#else
    set_symfoerr ( s_buf, bp->errorpos, bp-
>sqlstate, cookie );
    return (-1);
#endif

}
#else
    dummy_payment( bp );
#endif

DBGGR(pay_dsp(in_data, bp, srv-
>m_tcctxt[user_id].w_id, 1));

    sprintf ( S_WORK, h_pay2);

#ifndef Symfo
    convert_time ( time_data, bp->h_date);
    time2str ( (S_WORK + payp[0]), time_data);
#else
    time2str ( (S_WORK + payp[0]), bp->h_date );
#endif

/* 99.8.19 w_id 5 keta */
int2str ( (S_WORK + payp[1]), 5, (int)bp->w_id);
int2str ( (S_WORK + payp[2]), 2, (int)bp->d_id);
/*
alp2str ( (S_WORK + payp[3]), 20, bp->w_street_1);
alp2str ( (S_WORK + payp[4]), 20, bp->d_street_1);
alp2str ( (S_WORK + payp[5]), 20, bp->w_street_2);
alp2str ( (S_WORK + payp[6]), 20, bp->d_street_2);
*/

// check HTML form

alp2str (&buffer2[0], 20, bp->w_street_1);
buffer2[20] = 0;
newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (&buffer3[0], &buffer[0]);
strcpy (buffer3, "      ");

alp2str (buffer2, 20, bp->d_street_1);
buffer2[20] = 0;
newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (buffer3, &buffer[0]);
strcpy (buffer3, "\r\n");

alp2str (buffer2, 20, bp->w_street_2);
buffer2[20] = 0;

newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (buffer3, &buffer[0]);
strcpy (buffer3, "      Credit: ");

alp2str (buffer2, 2, bp->c_credit);
buffer2[2] = 0;
strcpy (buffer3, &buffer2[0]);
strcpy (buffer3, "\r\n");

strcpy (buffer3, "      ");
alp2str (buffer2, 20, bp->c_street_2);
buffer2[20] = 0;
newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (buffer3, &buffer[0]);
strcpy (buffer3, "      %Disc: ");
strcpy (S_WORK, buffer3);

dec2str (&buffer3[0], 5,
(double)((double)(bp->c_discount) /
(double)100.0));
sprintf (&buffer3[5], "\r\n");
strcpy (S_WORK, buffer3);

sprintf (buffer3, h_pay5);

alp2str ((&buffer3[0] + payp[26] - 0x21D), 20, bp-
>c_city);
alp2str ((&buffer3[0] + payp[27] - 0x21D), 20, bp-
>c_state);
zip2str ((&buffer3[0] + payp[28] - 0x21D), bp->c_zip);
phone2str ((&buffer3[0] + payp[29] - 0x21D), bp-
>c_phone);

h_amount = (float)bp->h_amount / (float)100;
dec2str ((&buffer3[0] + payp[30] - 0x21D), 7,
(double)h_amount);

sigdec2str ((&buffer3[0] + payp[31] - 0x21D), 14, bp-
>c_balance);
dec2str ((&buffer3[0] + payp[32] - 0x21D), 13, bp-
>c_credit_lim);

strcpy (S_WORK, buffer3);

/*
i = strlen( bp->c_data );

alp2str ( (S_WORK + payp[33]), 50, bp->c_data);

if ( i > 50 ){
    alp2str ( (S_WORK + payp[34]), 50, &bp-
>c_data[50] );
    if ( i > 100 ){
        alp2str ( (S_WORK + payp[35]), 50, &bp-
>c_data[100] );
        if ( i > 150 ){
            alp2str ( (S_WORK + payp[36]),
50, &bp->c_data[150] );
        }
    }
}
*/
newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (buffer3, &buffer[0]);
strcpy (buffer3, "      ");

alp2str (buffer2, 20, bp->d_street_2);
buffer2[20] = 0;
newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
strcpy (buffer3, &buffer[0]);
strcpy (buffer3, "\r\n");

strcpy ( S_WORK, buffer3 );

// check HTML form

sprintf ( buffer3, h_pay4 );

alp2str ((&buffer3[0] + payp[7] - 0xd3), 20, bp-
>w_city);
alp2str ((&buffer3[0] + payp[8] - 0xd3), 2, bp-
>w_state);
zip2str ((&buffer3[0] + payp[9] - 0xd3), bp->w_zip);
alp2str ((&buffer3[0] + payp[11] - 0xd3), 20, bp-
>d_city);
alp2str ((&buffer3[0] + payp[12] - 0xd3), 2, bp-
>d_state);
zip2str ((&buffer3[0] + payp[13] - 0xd3), bp->d_zip);

int2str ((&buffer3[0] + payp[15] - 0xd3), 4, bp->c_id);
/* 99.8.19 w_id 5 keta */
int2str ((&buffer3[0] + payp[16] - 0xd3), 5, (int)bp-
>c_w_id);

/* '00.12.3 hamano add */
int2str ((&buffer3[0] + payp[17] - 0xd3), 2, (int)bp-
>c_d_id);

alp2str ((&buffer3[0] + payp[18] - 0xd3), 16, bp-
>c_first);
alp2str ((&buffer3[0] + payp[19] - 0xd3), 2, bp-
>c_middle);
alp2str ((&buffer3[0] + payp[20] - 0xd3), 16, bp-
>c_last);

#ifndef Symfo
    convert_date ( time_data, bp->c_since);
    date2str ((&buffer3[0] + payp[21] - 0xd3),
time_data);
#else
    date2str ( (S_WORK + payp[21]), bp->c_since);
#endif
/*
alp2str ( (S_WORK + payp[22]), 20, bp->c_street_1);
alp2str ( (S_WORK + payp[23]), 2, bp->c_credit);

alp2str ( (S_WORK + payp[24]), 20, bp->c_street_2);
sprintf (buffer3, h_pay5);

#ifndef Symfo
    dec2str ( (S_WORK + payp5[25]), 5,
(double)((double)(bp->c_discount) /
(double)100.0));
#else
    dec2str ( (S_WORK + payp[25]), 5, (double)(bp-
>c_discount * 100.0));
#endif
*/

```

```

}
*/
if ( (i = strlen( bp->c_data )) <= 0 ) {
    sprintf (&buffer3[0], "\n\n\n\n\n\n\n");
}
else{
    alp2str (buffer2, 50, bp->c_data);
    buffer2[50] = 0;
    newlength = checkHTMLform ( &buffer2[0],
&buffer[0]);
    strcpy (&buffer3[0], &buffer[0]);
    strcat (buffer3, "\n\n");

    if (i > 50){
        alp2str (buffer2, 50, &bp-
>c_data[50]);
        buffer2[50] = 0;
        newlength = checkHTMLform
( &buffer2[0], &buffer[0]);
        strcat (buffer3, " ");
        strcat (buffer3, &buffer[0]);
        strcat (buffer3, "\n\n");

        if (i > 100){
            alp2str (buffer2, 50, &bp-
>c_data[100]);
            buffer2[50] = 0;
            newlength = checkHTMLform
( &buffer2[0], &buffer[0]);
            strcat (buffer3, " ");
            strcat (buffer3, &buffer[0]);
            strcat (buffer3, "\n\n");

            if (i > 150){
                alp2str (buffer2, 50, &bp-
>c_data[150]);
                buffer2[50] = 0;
                newlength =
checkHTMLform ( &buffer2[0], &buffer[0]);
                strcat (buffer3, " ");
                strcat (buffer3,
&buffer[0]);
                strcat (buffer3, "\n\n");
            }
            else {
                strcat ( buffer3, "\n\n\n\n");
            }
        }
        else {
            strcat ( buffer3, "\n\n\n\n\n\n");
        }
    }

    strcat (S_WORK, buffer3);
/* ----- The execution result data notified RTE is make
by the HTML form */

    sprintf(s_buf, h_pay1); /* set Header Data */
    strcat (s_buf, S_WORK); /* set Result Data */

    sprintf(S_WORK, h_pay3, SOPATH, cookie); /* set
Tailer Data */
    strcat (s_buf, S_WORK);

return (0);
}
/*-----
orderstatus : this function processes the Orderstatus
transaction
-----*/
int orderstatus (char *s_buf, rte_input_data *in_data, int
cookie)
{
    orderstat_trans *bp;
    long olen;
    int i, user_id, rtn;

    char S_WORK[WORK_S];
    char TPAPL[12];
    char c_id_flag = NG;
    char time_data[64];

#ifdef USE_FML
    orderstat_trans tbuf;
    int w_id;
    bp = &tbuf;
    user_id = cookie - Term_Base;
    memset (bp, 0, sizeof(orderstat_trans));
/* 98.8.29 */
#else
    user_id = cookie - Term_Base;
    bp = (orderstat_trans *)srv-
>m_tcctxt[user_id].trans_b;
#endif

    bp->tx_type = TX_ORDERSTAT;
    bp->C_R = 0;

#ifdef USE_FML
    sprintf (TPAPL, "TPCC"); /* TP-Base
Application Name (View)
#else
    sprintf (TPAPL, "TPCC%d", (int)srv-
>m_tcctxt[user_id].trn_id[2]);
#endif

    if ((rtn = ThrTplnit()) < 0){
        sprintf( S_WORK, "Thread init abort ODR (%d) \n",
rtn);
        set_oraerr( s_buf, S_WORK, cookie );
        return (-1);
    }

/* ----- check the
Input data */
    bp->w_id = (short)srv->m_tcctxt[user_id].w_id;

/* 99.6.8 no_range */
/* check d_id data */
    if ((bp->d_id = str2short (in_data->D_ID, 2)) < 1 )
// if ((bp->d_id = str2short (in_data->D_ID, 2)) < 1 ||
bp->d_id > 10)
        return set_errpage(s_buf, cookie, 2, (int)bp->d_id,
0, 0);

/* check c_id data : 98.8.3 */
    if ((bp->c_id = str2int(in_data->C_ID, 4)) != -3){
        DBGP(fprintf (test_fp, "check c_id=%x\n",
bp->c_id, 0, 0));

// if (bp->c_id < 1 || bp->c_id > 3000) /*
*/
// if (bp->c_id < 0) {
//     return set_errpage(s_buf, cookie, 6,
bp->c_id, 0, 0);
// }
// else{
//     c_id_flag = OK;
// }
// }
// else{
//     bp->c_id = 0;
// }

/* check c_last data */
    if((rtn = str2str(in_data->C_LAST, 16)) < 0){
//     return set_errpage(s_buf, cookie, 7, rtn, 22, 0);
/* 99.6.8 no_range */
        c_id_flag = OK; /* 99.6.8
no_range */
    }
    else{
        if ( rtn == 0 || *(in_data->C_LAST) == '\0' ) {
//         bp->ordin.bylastname = 0;
/* Oracle use only */
        } else {
            strcpy (bp->c_last, in_data->C_LAST);
//         bp->ordin.bylastname = 1;
/* Oracle use only */
            c_id_flag = OK;
        }
    }

/* c_id and c_last is nothing */
    if (c_id_flag == NG)
        return set_errpage(s_buf, cookie, 11, -4, 0, 0);

DBGP(oder_dsp (in_data, bp, srv-
>m_tcctxt[user_id].w_id, 0));

/* ----- Execute Orderstatus
transaction */
    resend_orderstatus:

#ifdef SCRTST
    DBGR(tsp(0));
#endif

#ifdef USE_FML
    w_id = bp->w_id;

    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TERM, 0, (char *)&w_id, 0);
    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TRAN, 0, (char *)&bp->tx_type, 0);
    rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_DATA, 0, (char *)bp,
(FLDLEN)sizeof( orderstat_trans ));

    if ( tpcall (TPAPL, (char *)srv-
>m_tcctxt[user_id].trans_b, 0,
(char **)&srv->m_tcctxt[user_id].trans_b,
&olen, 0|TPNOTIME) == -1 ){

        if ( tperno == TPESVCFAIL ) {
            sprintf( S_WORK, "Oracle failed to process
NewOrder Transaction.\n"

```



```

        "tperno = %d svc = '%s' d_id = %d c_id = %d
c_last = '%s'\n",
        tperno, TPAPL, bp->d_id, bp->c_id,
        bp->c_last);

        set_or Kerr(s_buf, S_WORK, cookie);
        return (-1);
    }

    sprintf(S_WORK, "tpcall failed in
OrderStatus: tperno = %d\n"
        " svc = '%s' d_id = %d c_id = %d
c_last = '%s'\n",
        tperno, TPAPL, bp->d_id, bp-
>c_id, bp->c_last);

        set_tuxerr(s_buf, S_WORK, cookie);
        return (-1);
    }

    DBGR(tsp(1));
    tbuf = *((orderstat_trans *)Ffind((Fbfr *)srv-
>m_tcctxt[user_id].trans_b, FML_DATA, 0, NULL));
    bp = &tbuf;
#else
    if ( tpcall( TPAPL, ( char *)srv-
>m_tcctxt[user_id].trans_b,
        sizeof(orderstat_trans),
        ( char **)&srv->m_tcctxt[user_id].trans_b,
        &olen, 0|TPNOTIME ) == -1 ){

        if ( tperno == TPESVCFAIL ) {
            sprintf( S_WORK, "Oracle failed to process
NewOrder Transaction.\n"
                "tperno = %d svc = '%s' d_id = %d c_id = %d
c_last = '%s'\n",
                tperno, TPAPL, bp->d_id, bp->c_id,
                bp->c_last);

            set_or Kerr(s_buf, S_WORK, cookie);
            return (-1);
        }

        sprintf( S_WORK, "tpcall failed in
OrderStatus: tperno = %d\n"
            " svc = '%s' d_id = %d c_id = %d
c_last = '%s'\n",
            tperno, TPAPL, bp->d_id, bp-
>c_id, bp->c_last);

            set_tuxerr(s_buf, S_WORK, cookie);
            return (-1);
        }

        DBGR(tsp(1));

        bp = ( orderstat_trans *)srv-
>m_tcctxt[user_id].trans_b;
    #endif

    /* ----- Check the execution
result */
    if ( bp->C_R != 1 ){

    #ifndef Symfo
        if ( bp->ordout.error == IRRECERR ) {
            sprintf( S_WORK, "Irrecoverable
error in orderstatus.\n" );
            set_tuxerr( s_buf, S_WORK, cookie);
            return (-1);
        }

        goto resend_orderstatus; /* tuxedo busy ->
retry!! */
    #else
        set_symfoerr( s_buf, bp->errorpos, bp-
>sqlstate, cookie );
        return (-1);
    #endif

    #else
        dummy_orderstat( bp );
    #endif

        DBGP(oder_dsp ( in_data, bp, srv-
>m_tcctxt[user_id].w_id, 1));

        sprintf(S_WORK, h_order2);
        /* 99.8.19 w_id 5 keta */
        int2str ((S_WORK + orderp[0]), 5, (int)bp->w_id);

        int2str ((S_WORK + orderp[1]), 2, (int)bp->d_id);
        int2str ((S_WORK + orderp[2]), 4, bp->c_id);
        alp2str ((S_WORK + orderp[3]), 16, bp->c_first);
        alp2str ((S_WORK + orderp[4]), 2, bp->c_middle);
        alp2str ((S_WORK + orderp[5]), 16, bp->c_last);

        sigdec2str ((S_WORK + orderp[6]), 9, bp-
>c_balance);

        int2str ((S_WORK + orderp[7]), 8, (int)bp->o_id );

    #ifdef Symfo
        convert_time (time_data, bp->o_entry_d);
        time2str ((S_WORK + orderp[8]), time_data);
    #else
        time2str ((S_WORK + orderp[8]), bp->o_entry_d );
    #endif

        if ( bp->o_carrier_id != INTNULL ) {
            int2str ((S_WORK + orderp[9]), 2, bp-
>o_carrier_id);
        }

        /* 0x39 is an offset value to the same filed of the next
line */
        for( i = 0; i < bp->o_ol_cnt; i++){

        /* 99.8.19 w_id 5 keta */
            int2str ((S_WORK+i*0x3a+orderp[10]), 5, (int)bp-
>ol_supply_w_id[i]);

            int2str ((S_WORK+i*0x3a+orderp[11]), 6, (int)bp-
>ol_i_id[i]);
            int2str ((S_WORK+i*0x3a+orderp[12]), 2, (int)bp-
>ol_quantity[i]);

    #ifdef Symfo
            sigdec2str ((S_WORK+i*0x3a+orderp[13]),
            8,
                (double)((double)bp->ol_amount[i] /
(double)100.0));
        }

        if ( bp->ol_delivery_d[i] != -1 &&
/* Symfo NG */
        bp->ol_delivery_d[i] != 777777777 ){

            if( bp->ol_delivery_d[i] != 777777777 ){

                convert_date (time_data, bp-
>ol_delivery_d[i]);
                date2str
                ((S_WORK+i*0x3a+orderp[14]), time_data);
            }
            #else
                sigdec2str ((S_WORK+i*0x3a+orderp[13]),
            8, (double)bp->ol_amount[i]);

                if ( strcmp( bp->ol_delivery_d[i], "NOT
DELIVR", 10 ) != 0 ){

                    date2str
                    ((S_WORK+i*0x3a+orderp[14]), bp->ol_delivery_d[i]);
                }
            #endif
        }

        /* ----- The execution result data notified RTE is make
by the HTML form */

        sprintf(s_buf, h_order1); /* set Header Data */
        strcat (s_buf, S_WORK); /* set Result Data
*/

        sprintf (S_WORK, h_order3, SOPATH, cookie); /* set
Tailor Data */
        strcat (s_buf, S_WORK);

        return 0;
    }

    /*
delivery : this function processes the delivery
transaction.
*/
int delivery (char *s_buf, rte_input_data *in_data, int
cookie)
{
    delivery_trans *bp;
    int user_id, rtn;
    char S_WORK[WORK_S];
    char TPAPL[12];

    struct tm times;
    SYSTEMTIME systemTime;

    #ifdef USE_FML
        delivery_trans tbuf;
        int w_id;

        user_id = cookie - Term_Base;
        bp = &tbuf;

        memset (bp, 0, sizeof(delivery_trans));
        /* 98.7.29 */
    #else
        // int ol_cnt, cnt, i;
        // struct timeval timeque;

        user_id = cookie - Term_Base;
    }

```

```

    bp = ( delivery_trans * )srv-
>m_tcctxt[user_id].trans_b;

#endif

    bp->tx_type = TX_DELIVERY;
    bp->C_R = 0;

#ifdef USE_FML
    sprintf( TPAPL, "TPCC"); // TP-Base
Application Name (View)
#else
    sprintf( TPAPL, "TPCC%d", (int)srv-
>m_tcctxt[user_id].tm_id[3]);
#endif

    if ((rtn = ThrTplnit()) < 0){
rtn);
    set_orairr( s_buf, S_WORK, cookie );
    return (-1);
    }

/* ----- Check the Input
data */
    bp->w_id = (short)srv->m_tcctxt[user_id].w_id;

    bp->o_carrier_id = str2short (in_data-
>o_CARRIER_ID, 2);

    if (bp->o_carrier_id < 1 || bp->o_carrier_id > 10)
/* 98.6.29: */
        return set_errpage(s_buf, cookie, 5, (int)bp-
>o_carrier_id, 0, 0);

// bp->delin.in_timing_int = 1; /*
oracle use only */

/* ----- Execute Delivery
transaction */

resend_delivery:

    GetLocalTime(&systemTime);

#ifdef TOOLKIT_ORIGINAL_STRUCTURE /*
1996.08.07 */
    bp->delin.qtime = ( double )timeque.tv_sec
+ ( double )timeque.tv_usec / 1000000.0;
#else /* !TOOLKIT_ORIGINAL_STRUCTURE */

    // GetLocalTime ,mctime
times.tm_year = (int)systemTime.wYear - 1900;
times.tm_mon = (int)systemTime.wMonth - 1;
times.tm_mday = (int)systemTime.wDay;
times.tm_hour = (int)systemTime.wHour;
times.tm_min = (int)systemTime.wMinute;
times.tm_sec = (int)systemTime.wSecond;

    bp->startsec = (long)mctime (&times);
    bp->startusec = (long)systemTime.wMilliseconds;

#endif /* !TOOLKIT_ORIGINAL_STRUCTURE */

#ifdef SCRTEST

    DBGR(fprintf ( test_fp, "tpacall delivery!\n" ));
    DBGR(tsp(0));

#ifdef USE_FML
        w_id = bp->w_id;

        rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TERM, 0, (char *)&w_id, 0);
        rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_TRAN, 0, (char *)&bp->tx_type, 0);
        rtn = Fchg( (Fbfr *)srv->m_tcctxt[user_id].trans_b,
FML_DATA, 0, (char *)bp,
(FLDLEN)sizeof( delivery_trans ));

        rtn = tpacall( TPAPL, ( char *)srv-
>m_tcctxt[user_id].trans_b,
0, 0|TPNOREPLY|TPNOTIME ); //
#else
        rtn = tpacall( TPAPL, ( char *)srv-
>m_tcctxt[user_id].trans_b,
sizeof( delivery_trans ), 0| TPNOTIME |
TPNOREPLY );
#endif

    DBGR(tsp(1));

    #else
        dummy_delivery( bp );
        rtn = 0;
    #endif

    sprintf( S_WORK, h_del2);

/* ----- The execution result is
checke. */

    if ( rtn == -1 ) {

        /* Display messege */

#ifdef SCRTEST
        char buf[1024];

        switch ( tperno ) {
        case TPELIMIT: /* */
        case TPETIME: /* */
        case TPGOTSIG: /* */

            sprintf( S_WORK, "tpacall : Retry in Delivery:
tperno = %d\n",
" svc = '%s' carrier = %d\n", tperno,
now_otlname, bp->delin.o_carrier_id );
            /*
            /* Because it is an executable again error,
processing is executed again. */
            goto resend_delivery;
            break;

        case TPESVCFAIL:
            sprintf( S_WORK, "Oracle failed to process
Delivery Transaction.\n",
"tperno = %d svc = '%s' carrier = %d\n",
tperno,
TPAPL, bp->o_carrier_id );

            set_orairr( s_buf, S_WORK, cookie );
            return (-1);

        default:

            /* The error which was not able to be executed
again occurred */
            sprintf( S_WORK, "tpacall failed in Delivery:
tperno = %d\n",
" svc = '%s' carrier = %d\n", tperno,
TPAPL, bp->o_carrier_id );

            set_tuxerr( s_buf, S_WORK, cookie);
            return (-1);
        }
    #endif

    } else {
/* 99.8.19 w_id 5 keta */
        int2str ((S_WORK + delp[0]), 5, (int)bp-
>w_id);

        int2str ((S_WORK + delp[1]), 2, (int)bp-
>o_carrier_id);
        alp2str ((S_WORK + delp[2]), 25, "Delivery
has been queued");
    }

/* ----- The execution result data notified RTE is made
by the HTML form */

    sprintf(s_buf, h_del1);
    strcat (s_buf, S_WORK);

    sprintf(S_WORK, h_del3, SOPATH, cookie);
    strcat (s_buf, S_WORK);

    return 0;
}

/*-----
-
stocklevel : this function processes the StockLevel
transaction.

-----
-*/
int stocklevel (char *s_buf, rte_input_data *in_data, int
cookie)
{
    stocklvl_trans *bp;
    long olen;
    int loopc = 0;
    int rtn = 0;
    int user_id;

    char S_WORK[WORK_S];
    char TPAPL[12];

#ifdef USE_FML
    stocklvl_trans tbuf;
    int w_id;

    bp = &tbuf;
    user_id = cookie - Term_Base;
    memset (bp, 0, sizeof(stocklvl_trans));
    /* 98.7.29 */
#else
    user_id = cookie - Term_Base;
    bp = ( stocklvl_trans *)srv->m_tcctxt[user_id].trans_b;
#endif

```

```

bp->tx_type = TX_STOCKLVL;
bp->C_R = 0;

#ifndef USE_FML
    sprintf (TPAPL, "TPCC"); // TP-Base
    Application Name (View)
#else
    sprintf (TPAPL, "TPCC%d", (int)srvc
>m_tcctxt[user_id].trn_id[4]);
#endif

    if ((rtn = ThrTpnit()) < 0) {
        sprintf(S_WORK, "Thread init abort STOCK (%d
\n", rtn);
        set_or Kerr (s_buf, S_WORK, cookie);
        return (-1);
    }

/* ----- check the
Input data */
bp->w_id = (short)srvc->m_tcctxt[user_id].w_id;
bp->d_id = (short)srvc->m_tcctxt[user_id].d_id;

/* check threshold data : 98.6.29 */
bp->threshold = (long)str2short(in_data->threshold,
2);

if(bp->threshold < 10 || bp->threshold > 20)
    return set_errpage(s_buf, cookie, 3, (int)bp-
>threshold, 0, 0);

DBGP(sto_dsp(in_data, bp, srvc
>m_tcctxt[user_id].w_id, srvc->m_tcctxt[user_id].d_id,
0));

/* ----- Execute Stock Level
transaction */
resend_stock;

#ifndef SCRTST
    DBGPR(tsp(0));
#endif

#ifdef USE_FML
    w_id = bp->w_id;

    rtn = Fchg( (Fbfr *)srvc->m_tcctxt[user_id].trans_b,
FML_TERM, 0, (char *)&w_id, 0);
    rtn = Fchg( (Fbfr *)srvc->m_tcctxt[user_id].trans_b,
FML_TRAN, 0, (char *)&bp->tx_type, 0);
    rtn = Fchg( (Fbfr *)srvc->m_tcctxt[user_id].trans_b,
FML_DATA, 0, (char *)bp,
(FLDLLEN)sizeof( stocklvl_trans ));

    if ( tpcall( TPAPL, ( char * )srvc
>m_tcctxt[user_id].trans_b, 0,
( char ** )&srvc->m_tcctxt[user_id].trans_b,
&olen, 0|TPNOTIME ) == -1 ) {

        if ( tperno == TPESVCFAIL ) {
            sprintf(S_WORK, "Oracle failed to process
StockLevel Transaction.\n"
"tperno = %d svc = '%s' threshold = %d\n",
tperno,
TPAPL, bp->threshold );

            set_or Kerr (s_buf, S_WORK, cookie );
            return (-1);
        }

        sprintf(S_WORK, "stockLevel: tperno
= %d\n"
" svc = '%s' threshold = %d\n",
tperno,
TPAPL, bp->threshold );

        set_tuxerr (s_buf, S_WORK, cookie);
        return (-1);
    }

    DBGPR(tsp(1));

    bp = ( stocklvl_trans * )srvc
>m_tcctxt[user_id].trans_b;

#endif

/* ----- Check the execution
result */
if ( bp->C_R != 1 ) {

#ifndef Symfo
    if ( bp->stout.terror == IRRECERR ) {
        sprintf(S_WORK, "Irrecoverable error in
stocklevel \n");
        set_tuxerr (s_buf, S_WORK, cookie);
        return (-1);
    }
    goto resend_stock; /* TP application
busy. Try again */
#else
    set_symfoerr (s_buf, bp->errorpos, bp-
>sqlstate, cookie );
    return (-1);
#endif
}

#endif
}

#else
    dummy_stocklvl ( bp );
    DBGPR(sto_dsp(in_data, bp, srvc
>m_tcctxt[user_id].w_id, srvc->m_tcctxt[user_id].d_id,
1));
#endif

    DBGPR(sto_dsp(in_data, bp, srvc
>m_tcctxt[user_id].w_id, srvc->m_tcctxt[user_id].d_id,
1));

    sprintf(S_WORK, h_stock2);
/* 99.8.19 w_id 5 keta */
    int2str ((S_WORK + stockp[0]), 5, (int)bp->w_id);

    int2str ((S_WORK + stockp[1]), 2, (int)bp->d_id);
    int2str ((S_WORK + stockp[2]), 2, (int)bp->threshold);
    int2str ((S_WORK + stockp[3]), 3, (int)bp-
>low_stock);

/* ----- The execution result data notified RTE is make
by the HTML form */

    sprintf(s_buf, h_stock1); /* Set Header data */
    strcat (s_buf, S_WORK); /* Set Result data
*/

    sprintf(S_WORK, h_stock3, SOPATH, cookie); /* Set
Tailor data */
    strcat (s_buf, S_WORK);

    return (0);
}

/* -----
select_trn:

RTE
:

s_buf HTML

interprets information from the user's input data to
determine which
page should be displayed back to the user.

query - the query string that comes back form
ParseFormData
ptrs - a pointer to a raw_form_data structure with
pointers
to values in 'query'.

----- */

int select_trn (rte_input_data *in_data, char *s_buf, int
cookie ) {

    int length = 0;
    int user_id = cookie - Term_Base;
    int rtn = 0;

/*
if(in_data->form) {

```

```

*/
    if (in_data->form && (in_data->form[0] != 'M') ) {
        if (in_data->form[0] == 'I') {
            /* send the transaction select screen
page */
            rtn = fast_menu (s_buf, in_data,
cookie);

            return rtn;

        }
        else {
            EnterCriticalSection(&(srv-
>m_tcctxt[user_id].user)); // Make it thread safe.

            /* check transaction type */
            switch(in_data->form[0]) {
                case 'N':
                    rtn = neworder (s_buf, in_data,
cookie);

                    break;

                case 'D':
                    rtn = delivery(s_buf, in_data, cookie);
                    break;

                case 'P':
                    rtn = payment (s_buf, in_data,
cookie);

                    break;

                case 'S':
                    rtn = stocklevel(s_buf, in_data,
cookie);

                    break;

                case 'O':
                    rtn = orderstatus (s_buf,
in_data, cookie);
                    break;

                default:
                    /* uninput transaction type */
                    set_errpage(s_buf, cookie, 1, -
4, 0, 0);

                    rtn = 1;

                    break;
            }

            LeaveCriticalSection(&(srv-
>m_tcctxt[user_id].user));
            return rtn;
        }
    }
    else if(in_data->button) {

        EnterCriticalSection(&(srv-
>m_tcctxt[user_id].user)); // Make it thread safe.

        /* send the data input screen page */
        switch(in_data->button[0]) {
            case 'N':

                sprintf(s_buf, in_newpage, SOPATH,
cookie, srv->m_tcctxt[user_id].w_id);
                length = strlen (s_buf);

                sprintf(s_buf+length -1 ,
in_newpage2);

                break;

                case 'D':
                    sprintf(s_buf, in_delpage, SOPATH, cookie, srv-
>m_tcctxt[user_id].w_id);
                    break;

                case 'P':
                    sprintf(s_buf, in_paypage, SOPATH, cookie,
srv->m_tcctxt[user_id].w_id);
                    break;

                case 'S':
                    sprintf(s_buf, in_stkpage, SOPATH, cookie,
srv-
>m_tcctxt[user_id].w_id, srv->m_tcctxt[user_id].d_id);
                    break;

                case 'O':
                    sprintf(s_buf, in_odrpage, SOPATH, cookie, srv-
>m_tcctxt[user_id].w_id);
                    break;

                case 'Q':
                    /* This value use WWW browser only. */
                    if (in_data->cookie)
                        srv->Termfree (in_data-
>cookie);

                    sprintf (s_buf, loginpage , VLDATA, SOPATH);
                    return rtn;

                default:
                    /* uninput transaction type */
                    set_errpage(s_buf, cookie, 0, -4, 0, 0);
                    break;
            }

            LeaveCriticalSection(&(srv-
>m_tcctxt[user_id].user));
            return rtn;
        }
    }
    else {

        /* if there is not parameter then send login
page data.
        this part use WWW browser only */
        sprintf (s_buf, loginpage, VLDATA,
&SOPATH);
        return 0;
    }

}

////////////////////////////////////////////////////////////////////
// CWinApp
// : MFC DLL
//

CWinApp theApp;

#ifdef WIZDEF
//////////////////////////////////////////////////////////////////
// BEGIN_PARSE_MAP(CTpaplExtension, CHttpServer)
//
// TODO:
ON_PARSE_COMMAND()
// ON_PARSE_COMMAND_PARAMS()
// :
//
// ON_PARSE_COMMAND (Default,
CTpaplExtension, ITS_PSTR)
DEFAULT_PARSE_COMMAND (Default,
CTpaplExtension)
END_PARSE_MAP(CTpaplExtension)
#endif

//////////////////////////////////////////////////////////////////
// CTpaplExtension

CTpaplExtension theExtension;

//////////////////////////////////////////////////////////////////
// CTpaplExtension
//
// constructor
//

CTpaplExtension::CTpaplExtension() : CHttpServer("?")
{
    DWORD kind;
    DWORD type;
    DWORD size;

    int user_id;
    int def_base = 1;
    int def_warehouse = 2000;
    int def_maxusers = 20000;
    int def_maxterm = 2000;
    int CONTROL_Flag = 0;

    int errcode = 0;

    union dtg (BYTE bit[32]; char chara[32]; DWORD
data[8]); reg_d;

    /* Open registry Area */
    RegOpenKeyEx(HKEY_LOCAL_MACHINE,
"SOFTWARE", 0,
    KEY_READ | KEY_WRITE,
&m_tpcprekey);

    RegCreateKeyEx(m_tpcprekey, "Fujitsu", 0,
NULL,
    REG_OPTION_NON_VOLATILE,
KEY_READ | KEY_WRITE, NULL,
&m_tpcprekey, &kind);

    RegCreateKeyEx(m_tpcprekey, "TPC-C ISAPI
Application", 0, NULL,
    REG_OPTION_NON_VOLATILE,
KEY_READ | KEY_WRITE, NULL,
&m_tpcprekey, &kind);

    /* If the key is newly made, the default value is
set in the key. */
    if(kind == REG_CREATED_NEW_KEY) {
        RegSetValueEx(m_tpcprekey,
"Term_Base",
0, REG_DWORD, (const unsigned
char *)&def_base, 4);
        RegSetValueEx(m_tpcprekey,
"NumWarehouses",
}

```

```

        0, REG_DWORD,(const unsigned
char *)&def_warehouse, 4);
        RegSetValueEx(m_tpccregkey,
"MaxUsers",
        0, REG_DWORD,(const unsigned
char *)&def_maxusers, 4);
        RegSetValueEx(m_tpccregkey, "MaxTerm
of Client",
        0, REG_DWORD,(const unsigned
char *)&def_maxterm, 4);
        RegSetValueEx(m_tpccregkey,
"CONTROL_Flag",
        0, REG_DWORD,(const unsigned
char *)&CONTROL_Flag, 4);
    }

    /* Get registry data */
    RegQueryValueEx(m_tpccregkey, "Term_Base",
0, &type,(unsigned char *)&reg_d.bit,
&size);
    Term_Base = reg_d.data[0];
    // Start terminal(user) number

    RegQueryValueEx(m_tpccregkey,
"NumWarehouses",
0, &type,(unsigned char *)&reg_d.bit,
&size);
    maxwh = reg_d.data[0];
    // Max warehouse scale

    RegQueryValueEx(m_tpccregkey, "MaxUsers",
0, &type,(unsigned char *)&reg_d.bit,
&size);
    maxconnect = reg_d.data[0];
    // Max terminal(user) number

    RegQueryValueEx(m_tpccregkey, "MaxTerm of
Client",
0, &type,(unsigned char *)&reg_d.bit,
&size);
    maxterm = reg_d.data[0];
    // Max terminal(user) number of client

    RegQueryValueEx(m_tpccregkey,
"CONTROL_Flag",
0, &type,(unsigned char *)&reg_d.bit,
&size);
    C_FLAG = reg_d.data[0];
    // debug flag

    InitializeCriticalSection (&crit);
    EnterCriticalSection (&crit);

#ifdef SCRTEST

    TLSIsTlntitedKey = TlsAlloc ();
#endif

    /* Initialize Working Area */
    for(user_id = 0; user_id < maxterm; user_id++) {
        m_tcctx[user_id].w_id = 0;
        m_tcctx[user_id].d_id = 0;
        m_tcctx[user_id].trans_b = 0;
    }

    LeaveCriticalSection (&crit);
    srv = this;
}

//
// deconstructor
//
CTpaplExtension::~CTpaplExtension()
{
    int x;

    EnterCriticalSection(&crit);

    for(x = Term_Base; x < Term_Base + maxterm;
x++){
        Termfree (x);
    }

    LeaveCriticalSection(&crit);

    TlsFree(TLSIsTlntitedKey);
}

BOOL
CTpaplExtension::GetExtensionVersion(HSE_VERSIO
N_INFO* pVer)
{
    //
    CHttpServer::GetExtensionVersion(pVer);

    //
    TCHAR
sz[HSE_MAX_EXT_DLL_NAME_LEN+1];
    ISAPIVERIFY(::LoadString(AfxGetResourceHan
dle(),
        IDS_SERVER, sz,
HSE_MAX_EXT_DLL_NAME_LEN));
    _tcsncpy(pVer->lpszExtensionDesc, sz);
    return TRUE;
}

////////////////////////////////////
// HttpExtensionProc
////////////////////////////////////
// This method is called every time the user makes a
// request. We don't do anything here except catch a
// successful
// return value and substitute a value that permits the
// network connection to be kept alive.

DWORD
CTpaplExtension::HttpExtensionProc(EXTENSION_CO
NTROL_BLOCK *pECB)
{
    char QueryString[1024];
    char *page;
    int cookie = -1;
    int len, rtn;

    char S_BUF [BUF_S];
    char S_WORK[WORK_S];

    rte_input_data in_data_area;

#ifdef DBPRT
    char dbg_query[1024];
    long s_pid;
    char path_w[96];
#endif
}

char szHeader[128];
char szHeader1[128];
int isize;
BOOL rtcode;

strcpy(QueryString, (char *)pECB-
>lpszQueryString);

#ifdef DBPRT
    strcpy(dbg_query, (char *)pECB-
>lpszQueryString);
#endif

    struct_init (&in_data_area);

    cookie = anly_para ((char *)QueryString,
&in_data_area);

#ifdef DBPRT
    if ( cookie >= 0){
        printf (path_w, "C:\tcllog\log%d", cookie);
        test_fp = fopen (path_w, "aw+");
    }
#endif

    // Terminal Number Check
    // If terminal number is not valid then send error
message.
    if ( cookie < Term_Base || cookie >= (Term_Base
+ maxterm) ){

        printf (S_BUF, badterm, Term_Base,
Term_Base+maxterm-1, cookie);
        len = strlen (S_BUF);

#ifdef DBPRT
        if ( cookie >= 0){
            fprintf (test_fp, "--> QUERY: %s\n",
dbg_query);
            fprintf (test_fp, "%s\n", S_WORK,
S_BUF);

            fflush (test_fp);
            fclose (test_fp);
        }
#endif

        isize = sprintf (szHeader, "200 OK");
        sprintf (szHeader1,
            "Connection: keep-alive\r\nContent-
type: text/html\r\nContent-length: %d\r\n\r\n",
            len);

        rtcode = (*pECB-
>ServerSupportFunction)(pECB->ConnID,
HSE_REQ_SEND_RESPONSE_HEADER,
            szHeader, (unsigned long *)&isize,
(LPDWORD)szHeader1);

        rtcode = (*pECB->WriteClient)(pECB-
>ConnID, &S_BUF[0], (unsigned long *)&len, 0);

        return
HSE_STATUS_SUCCESS_AND_KEEP_CONN;
    }
}

```

```

//
rtn = select_trn ( &in_data_area, S_BUF,
cookie);

//
len = strlen (S_BUF);

isize = sprintf (szHeader, "200 OK");

sprintf (szHeader1,
"Connection: keep-alive\r\nContent-
type: text/html\r\nContent-length: %d\r\n\r\n",
len);

rcode = (*pECB-
>ServerSupportFunction)(pECB->ConnID,
HSE_REQ_SEND_RESPONSE_HEADER,

szHeader, (unsigned long *)&isize,
(LPDWORD)szHeader1);

rcode = (*pECB->WriteClient)(pECB->ConnID,
&S_BUF[0], (unsigned long *)&len, 0);

#ifdef DBPRT
if ( cookie >= 0 ){
printf (test_fp, "--> QUERY: %s\n",
dbg_query);
printf (test_fp, "%s%s\n", S_WORK,
S_BUF);
fflush (test_fp);
fclose (test_fp);
}
#endif

// For Debug : output error message
if ( (C_FLAG & PRT_ELOG) != 0 )
if ( strstr (S_BUF, "ERROR") != 0 ) {
{
FILE *test_fp2;
char w_path[96];

sprintf (w_path, "C:\\tcllog\\log%d", cookie);
test_fp2 = fopen (w_path, "aw+");
printf (test_fp2, "%s\n", S_BUF);
fflush(test_fp2);
fclose(test_fp2);
}
}
}

return
HSE_STATUS_SUCCESS_AND_KEEP_CONN;
}

////////////////////////////////////
// Termit
////////////////////////////////////
// Called when a user logs in. This function gives the
// user a cookie and creates a user context in the
// server
// object associated with that cookie. The context
// contains
// working copies of the response forms with the cookie
// plugged into them, the warehouse and district ids
// provided by the user, and the database connection.
// This function also opens the connection to the
// database

// for this user.
int CTpaplExtension::Terminit(int w_id, int d_id, int
cookie)
{
int user_id;

#ifdef USE_FML
# define BUF_TYPE "FML"
# else
# define BUF_TYPE "CARRY"
# endif

#ifdef LOG_ALL
char buffer[80];
#endif LOG_ALL

// Non-reentrant code.
// Must find the first free context slot.

EnterCriticalSection(&crit); // Make it thread
safe

user_id = cookie - Term_Base;

m_tcctxt[user_id].w_id = w_id;
m_tcctxt[user_id].d_id = d_id;

#ifdef SCRTTEST
// Create Tuxedo buffer (Execute tpalloc)
if ((m_tcctxt[user_id].trans_b =
(void *)tpalloc (BUF_TYPE, NULL,
trans_size)) == NULL ) {

// tpalloc abnormal end. create message
form.

#ifdef DBPRT
printf (test_fp, "tpalloc() failed (%d) :
user_id=%d \n",
tperrno, cookie);
#endif

LeaveCriticalSection(&crit);
return (-1);
}
}

#else
// For Debug : create local buffer
if ((m_tcctxt[user_id].trans_b =
(void *)malloc ( trans_size )) == NULL ){
// malloc abnormal end. create message
form.
#ifdef DBPRT
printf (test_fp, "tpalloc() failed : user_id
= %d\n", cookie);
#endif

LeaveCriticalSection(&crit);
return (-1);
}
}

#ifdef USE_FML
memset ( m_tcctxt[user_id].trans_b, 0,
(size_t)(trans_size));
#endif

LeaveCriticalSection(&crit);

InitializeCriticalSection(&(m_tcctxt[user_id].user));

return cookie;
}

////////////////////////////////////
// Termfree
////////////////////////////////////
// Given a cookie, determines whether there is a
// session
// associated with it, and if there is, closes the attached
// database session, frees the associated resources,
// and
// makes the slot available for future use.

void CTpaplExtension::Termfree (int Cookie) {

#ifdef LOG_ALL
char buffer[80];
#endif LOG_ALL

int idx = Cookie - Term_Base;

// Login alloc
if(m_tcctxt[idx].w_id != 0) {

#ifdef SCRTTEST
tpfree ((char *)m_tcctxt[idx].trans_b);
#else
free (m_tcctxt[idx].trans_b);
#endif

// Deconstructor Enter !!
LeaveCriticalSection(&(m_tcctxt[idx].user));

// Login
m_tcctxt[idx].d_id = 0;
m_tcctxt[idx].w_id = 0;
}
}

// For convenience, an overloaded version of Termfree
// that understands the string representation of the
// cookie.
void CTpaplExtension::Termfree (char *Cookie) {

int x;

if((x = strtoint (Cookie, 4)) < 0) return;
else Termfree (x);
}

// ClassWizard
#if 0
BEGIN_MESSAGE_MAP(CTpaplExtension,
CHttpServer)
//{{AFX_MSG_MAP(CTpaplExtension)
//}}AFX_MSG_MAP
END_MESSAGE_MAP()
#endif // 0

////////////////////////////////////

```

```

//      MFC
//
//      MFC
// AfxGetResourceHandle()   DllMain()
g_hInstance global
//
/****

static HINSTANCE g_hInstance;

HINSTANCE AFXISAPI AfxGetResourceHandle()
{
    return g_hInstance;
}

BOOL WINAPI DllMain(HINSTANCE hInst, ULONG
ulReason,
                    LPVOID lpReserved)
{
    if (ulReason == DLL_PROCESS_ATTACH)
    {
        g_hInstance = hInst;
    }

    return TRUE;
}

****/

===== tpapl.h =====

#ifndef AFX_TPAPL_H__04D0797B_A452_11D1_8D77_0000E20BF509__INCLUDED_
#define AFX_TPAPL_H__04D0797B_A452_11D1_8D77_0000E20BF509__INCLUDED_

// TPAPL.H -
// tpapl Extension

#include "resource.h"
#include "tpccis.h"

int maxconnect;
int maxterm;
int Term_Base;
int maxwh;
int C_FLAG;
int TRN_ID[5];

typedef struct tc_tbl {

    void *trans_b;
    int w_id;
    int d_id;

    char n_ottname [8];
    char trn_id[5];

    CRITICAL_SECTION user;

} tc_context;

class CTpaplExtension : public CHttpServer
{
public:
    CTpaplExtension();
    ~CTpaplExtension();

//
// ClassWizard
// - ClassWizard
//
//{{AFX_VIRTUAL(CTpaplExtension)
public:
    virtual BOOL
GetExtensionVersion(HSE_VERSION_INFO* pVer);
//}}AFX_VIRTUAL

// TODO:
// :

    DWORD HttpExtensionProc
( EXTENSION_CONTROL_BLOCK *pECB);
    BOOL ServiceAvailable;

    tc_context m_tcctxt[MAXTERM];

    HKEY m_tpccregkey;

    void Termfree (int Cookie);
    void Termfree (char *Cookie);
    int Terminate (int w_id, int d_id, int cookie);

    CRITICAL_SECTION crit;

#ifdef WIZDEF
    void Default(CHttpServerContext* pCtxt, LPTSTR
pszName);
    DECLARE_PARSE_MAP()
#endif
//{{AFX_MSG(CTpaplExtension)
//}}AFX_MSG
};

CTpaplExtension *srv;

//{{AFX_INSERT_LOCATION}}
// Microsoft Developer Studio

#endif

// #defined(AFX_TPAPL_H__04D0797B_A452_11D1_8D77_0000E20BF509__INCLUDED)

===== tpapl.mak =====

# Microsoft Developer Studio Generated NMAKE File,
Based on tpapl.dsp
!IF "$(CFG)" == ""
CFG=tpapl - Win32 test
!MESSAGE \ w B tpapl - Win32 test
B
!ENDIF

!IF "$(CFG)" != "tpapl - Win32 Release" && "$(CFG)" !=
"tpapl - Win32 keep" && "$(CFG)" != "tpapl - Win32
test" && "$(CFG)" != "tpapl - Win32 Release_dll"
!MESSAGE w "$(CFG)" B
!MESSAGE NMAKE s \ w
!MESSAGE \ w B :
!MESSAGE

!MESSAGE
!MESSAGE NMAKE /f "tpapl.mak" CFG="tpapl - Win32
test"
!MESSAGE
!MESSAGE I \ :
!MESSAGE
!MESSAGE
!MESSAGE "tpapl - Win32 Release" ("Win32 (x86)
Dynamic-Link Library" p)
!MESSAGE "tpapl - Win32 keep" ("Win32 (x86)
Dynamic-Link Library" p)
!MESSAGE "tpapl - Win32 test" ("Win32 (x86)
Dynamic-Link Library" p)
!MESSAGE "tpapl - Win32 Release_dll" ("Win32 (x86)
Dynamic-Link Library" p)
!MESSAGE
!ERROR \ w B
!ENDIF

!IF "$(OS)" == "Windows_NT"
NULL=
!ELSE
NULL=nul
!ENDIF

!IF "$(CFG)" == "tpapl - Win32 Release"

OUTDIR=.\\Release
INTDIR=.\\Release
# Begin Custom Macros
OutDir=.\\Release
# End Custom Macros

ALL : "$(OUTDIR)\tpapl.dll"

CLEAN :
-@erase "$(INTDIR)\StdAfx.obj"
-@erase "$(INTDIR)\tpapl.obj"
-@erase "$(INTDIR)\tpapl.pch"
-@erase "$(INTDIR)\tpapl.res"
-@erase "$(INTDIR)\vc60.idb"
-@erase "$(OUTDIR)\tpapl.dll"
-@erase "$(OUTDIR)\tpapl.exp"
-@erase "$(OUTDIR)\tpapl.lib"

"$(OUTDIR)" :
if not exist "$(OUTDIR)\$(NULL)" mkdir "$(OUTDIR)"

CPP=cl.exe
CPP_PROJ=/nologo /MD /W3 /GX /O2 /I
"c:\tuxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /Fp"$(INTDIR)\tpapl.pch" /Yu"stdafx.h"
/Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

.c{$(INTDIR)}.obj:
$(CPP) @<<
$(CPP_PROJ) <<
<<

.cpp{$(INTDIR)}.obj:
$(CPP) @<<
$(CPP_PROJ) <<
<<

.cxx{$(INTDIR)}.obj:
$(CPP) @<<
$(CPP_PROJ) <<

```

```

<<
.c{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

MTL=midl.exe
MTL_PROJ=/nologo /D "NDEBUG" /mktyplib203 /o
/win32 "NUL"
RSC=rc.exe
RSC_PROJ=/I 0x411 /fo"$(INTDIR)\tpapl.res" /d
"NDEBUG" /d "_AFXDLL"
BSC32=bscmake.exe
BSC32_FLAGS=/nologo /o"$(OUTDIR)\tpapl.bsc"
BSC32_SBRS= \

LINK32=link.exe
LINK32_FLAGS=libtux.lib libbuff.lib libtux2.lib libfml.lib
libfml32.lib libgp.lib /nologo /subsystem:windows /dll
/incremental:no /pdb:"$(OUTDIR)\tpapl.pdb"
/machine:I386 /def:".tpapl.def"
/out:"$(OUTDIR)\tpapl.dll" /implib:"$(OUTDIR)\tpapl.lib"
/libpath:"c:\tuxedo\lib"
DEF_FILE= \
  ".tpapl.def"
LINK32_OBJS= \
  "$(INTDIR)\StdAfx.obj" \
  "$(INTDIR)\tpapl.obj" \
  "$(INTDIR)\tpapl.res"

"$(OUTDIR)\tpapl.dll" : "$(OUTDIR)" $(DEF_FILE)
$(LINK32_OBJS)
  $(LINK32) @<<
  $(LINK32_FLAGS) $(LINK32_OBJS)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 keep"

OUTDIR=. \tpaplkeep
INTDIR=. \tpaplkeep
# Begin Custom Macros
OutDir=. \tpaplkeep
# End Custom Macros

ALL : "$(OUTDIR)\tpapl.dll" "$(OUTDIR)\tpapl.pch"

CLEAN :
  -@erase "$(INTDIR)\StdAfx.obj"
  -@erase "$(INTDIR)\tpapl.obj"
  -@erase "$(INTDIR)\tpapl.pch"
  -@erase "$(INTDIR)\tpapl.res"
  -@erase "$(INTDIR)\vc60.idb"
  -@erase "$(INTDIR)\vc60.pdb"
  -@erase "$(OUTDIR)\tpapl.dll"
  -@erase "$(OUTDIR)\tpapl.exp"
  -@erase "$(OUTDIR)\tpapl.ilk"
  -@erase "$(OUTDIR)\tpapl.lib"

  -@erase "$(OUTDIR)\tpapl.pdb"

"$(OUTDIR)" :
  if not exist "$(OUTDIR)\$(NULL)" mkdir "$(OUTDIR)"

  CPP=cl.exe
  CPP_PROJ=/nologo /MDd /W3 /GX /ZI /Od /I
  "c:\tuxedo\include" /D "WIN32" /D "_DEBUG" /D
  "_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
  "_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
  "USE_FML" /Fp"$(INTDIR)\tpapl.pch" /Yu"stdafx.h"
  /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

.c{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.c{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

MTL=midl.exe
MTL_PROJ=/nologo /D "_DEBUG" /mktyplib203 /o
/win32 "NUL"
RSC=rc.exe
RSC_PROJ=/I 0x411 /fo"$(INTDIR)\tpapl.res" /d
"_DEBUG" /d "_AFXDLL"
BSC32=bscmake.exe
BSC32_FLAGS=/nologo /o"$(OUTDIR)\tpapl.bsc"
BSC32_SBRS= \

LINK32=link.exe
LINK32_FLAGS=libtux.lib libbuff.lib libtux2.lib libfml.lib
libfml32.lib libgp.lib /nologo /subsystem:windows /dll
/incremental:yes /pdb:"$(OUTDIR)\tpapl.pdb" /debug
/machine:I386 /def:".tpapl.def"
/out:"$(OUTDIR)\tpapl.dll" /implib:"$(OUTDIR)\tpapl.lib"
/pdbtype:sept /libpath:"c:\tuxedo\lib"
DEF_FILE= \
  ".tpapl.def"
LINK32_OBJS= \
  "$(INTDIR)\StdAfx.obj" \
  "$(INTDIR)\tpapl.obj" \
  "$(INTDIR)\tpapl.res"

"$(OUTDIR)\tpapl.dll" : "$(OUTDIR)" $(DEF_FILE)
$(LINK32_OBJS)

$(LINK32) @<<
$(LINK32_FLAGS) $(LINK32_OBJS)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 test"

OUTDIR=. \tpapl__Win32_test
INTDIR=. \tpapl__Win32_test
# Begin Custom Macros
OutDir=. \tpapl__Win32_test
# End Custom Macros

ALL : "$(OUTDIR)\tpapl.dll" "$(OUTDIR)\tpapl.pch"

CLEAN :
  -@erase "$(INTDIR)\StdAfx.obj"
  -@erase "$(INTDIR)\tpapl.obj"
  -@erase "$(INTDIR)\tpapl.pch"
  -@erase "$(INTDIR)\tpapl.res"
  -@erase "$(INTDIR)\vc60.idb"
  -@erase "$(INTDIR)\vc60.pdb"
  -@erase "$(OUTDIR)\tpapl.dll"
  -@erase "$(OUTDIR)\tpapl.exp"
  -@erase "$(OUTDIR)\tpapl.ilk"
  -@erase "$(OUTDIR)\tpapl.lib"
  -@erase "$(OUTDIR)\tpapl.pdb"

"$(OUTDIR)" :
  if not exist "$(OUTDIR)\$(NULL)" mkdir "$(OUTDIR)"

  CPP=cl.exe
  CPP_PROJ=/nologo /MDd /W3 /GX /ZI /Od /I
  "c:\tuxedo\include" /D "WIN32" /D "_DEBUG" /D
  "_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
  "_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
  "USE_FML" /D "SCRTEST" /Fp"$(INTDIR)\tpapl.pch"
  /Yu"stdafx.h" /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

.c{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.c{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

```



```

MTL=midl.exe
MTL_PROJ=/nologo /D "_DEBUG" /mktyplib203 /o
/win32 "NUL"
RSC=rc.exe
RSC_PROJ=/I 0x411 /fo"${(INTDIR)\tpapl.res" /d
"_DEBUG" /d "_AFXDLL"
BSC32=bscmake.exe
BSC32_FLAGS=/nologo /o"${(OUTDIR)\tpapl.bsc"
BSC32_SBRS= \

LINK32=link.exe
LINK32_FLAGS=libtux.lib libbuft.lib libtux2.lib libfml.lib
libfml32.lib libgp.lib /nologo /subsystem:windows /dll
/incremental:yes /pdb:"$(OUTDIR)\tpapl.pdb" /debug
/machine:i386 /def:". \tpapl.def"
/out:"$(OUTDIR)\tpapl.dll" /implib:"$(OUTDIR)\tpapl.lib"
/pdbtype:sept /libpath:"c:\tuxedo\lib"
DEF_FILE= \
    ". \tpapl.def"
LINK32_OBJS= \
    "$(INTDIR)\StdAfx.obj" \
    "$(INTDIR)\tpapl.obj" \
    "$(INTDIR)\tpapl.res"

"$ (OUTDIR)\tpapl.dll" : "$ (OUTDIR)" $(DEF_FILE)
$(LINK32_OBJS)
$(LINK32) @<<
$(LINK32_FLAGS) $(LINK32_OBJS)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 Release_dll"

OUTDIR=. \Release_dll
INTDIR=. \Release_dll
# Begin Custom Macros
OutDir=. \Release_dll
# End Custom Macros

ALL : "$ (OUTDIR)\tpapl.dll"

CLEAN :
    -@erase "$(INTDIR)\StdAfx.obj"
    -@erase "$(INTDIR)\tpapl.obj"
    -@erase "$(INTDIR)\tpapl.pch"
    -@erase "$(INTDIR)\tpapl.res"
    -@erase "$(INTDIR)\vc60.idb"
    -@erase "$(OUTDIR)\tpapl.dll"
    -@erase "$(OUTDIR)\tpapl.exp"
    -@erase "$(OUTDIR)\tpapl.lib"

"$ (OUTDIR)" :
    if not exist "$(OUTDIR)\$(NULL)" mkdir "$(OUTDIR)"

CPP=cl.exe
CPP_PROJ=/nologo /MD /W3 /GX /O2 /I
"c:\tuxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /D "SCRTST" /Fp"${(INTDIR)\tpapl.pch"
/Yu"stdafx.h" /Fo"${(INTDIR)\\" /Fd"${(INTDIR)\\" /FD /c

.c{$(INTDIR)}.obj:
$(CPP) @<<
$(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.obj:
$(CPP) @<<

```

```

$(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.obj:
$(CPP) @<<
$(CPP_PROJ) $<
<<

.c{$(INTDIR)}.sbr:
$(CPP) @<<
$(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.sbr:
$(CPP) @<<
$(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.sbr:
$(CPP) @<<
$(CPP_PROJ) $<
<<

MTL=midl.exe
MTL_PROJ=/nologo /D "NDEBUG" /mktyplib203 /o
/win32 "NUL"
RSC=rc.exe
RSC_PROJ=/I 0x411 /fo"${(INTDIR)\tpapl.res" /d
"NDEBUG" /d "_AFXDLL"
BSC32=bscmake.exe
BSC32_FLAGS=/nologo /o"${(OUTDIR)\tpapl.bsc"
BSC32_SBRS= \

LINK32=link.exe
LINK32_FLAGS=libtux.lib libbuft.lib libtux2.lib libfml.lib
libfml32.lib libgp.lib /nologo /subsystem:windows /dll
/incremental:no /pdb:"$(OUTDIR)\tpapl.pdb"
/machine:i386 /def:". \tpapl.def"
/out:"$(OUTDIR)\tpapl.dll" /implib:"$(OUTDIR)\tpapl.lib"
/libpath:"c:\tuxedo\lib"
DEF_FILE= \
    ". \tpapl.def"
LINK32_OBJS= \
    "$(INTDIR)\StdAfx.obj" \
    "$(INTDIR)\tpapl.obj" \
    "$(INTDIR)\tpapl.res"

"$ (OUTDIR)\tpapl.dll" : "$ (OUTDIR)" $(DEF_FILE)
$(LINK32_OBJS)
$(LINK32) @<<
$(LINK32_FLAGS) $(LINK32_OBJS)
<<

!ENDIF

!IF "$(NO_EXTERNAL_DEPS)" != "1"
!IF EXISTS("tpapl.dep")
!INCLUDE "tpapl.dep"
!ELSE
!MESSAGE Warning: cannot find "tpapl.dep"
!ENDIF
!ENDIF

!IF "$(CFG)" == "tpapl - Win32 Release" || "$(CFG)" ==
"tpapl - Win32 keep" || "$(CFG)" == "tpapl - Win32 test"
|| "$(CFG)" == "tpapl - Win32 Release_dll"
SOURCE=. \StdAfx.cpp

```

```

!IF "$(CFG)" == "tpapl - Win32 Release"

CPP_SWITCHES=/nologo /MD /W3 /GX /O2 /I
"c:\tuxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /Fp"${(INTDIR)\tpapl.pch" /Yc"stdafx.h"
/Fo"${(INTDIR)\\" /Fd"${(INTDIR)\\" /FD /c

"$ (INTDIR)\StdAfx.obj" "$(INTDIR)\tpapl.pch" :
$(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 keep"

CPP_SWITCHES=/nologo /MDd /W3 /GX /ZI /Od /I
"c:\tuxedo\include" /D "WIN32" /D "_DEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /Fp"${(INTDIR)\tpapl.pch" /Yc"stdafx.h"
/Fo"${(INTDIR)\\" /Fd"${(INTDIR)\\" /FD /c

"$ (INTDIR)\StdAfx.obj" "$(INTDIR)\tpapl.pch" :
$(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 test"

CPP_SWITCHES=/nologo /MDd /W3 /GX /ZI /Od /I
"c:\tuxedo\include" /D "WIN32" /D "_DEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /D "SCRTST" /Fp"${(INTDIR)\tpapl.pch"
/Yc"stdafx.h" /Fo"${(INTDIR)\\" /Fd"${(INTDIR)\\" /FD /c

"$ (INTDIR)\StdAfx.obj" "$(INTDIR)\tpapl.pch" :
$(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 Release_dll"

CPP_SWITCHES=/nologo /MD /W3 /GX /O2 /I
"c:\tuxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /D "SCRTST" /Fp"${(INTDIR)\tpapl.pch"
/Yc"stdafx.h" /Fo"${(INTDIR)\\" /Fd"${(INTDIR)\\" /FD /c

"$ (INTDIR)\StdAfx.obj" "$(INTDIR)\tpapl.pch" :
$(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ENDIF

SOURCE=. \tpapl.cpp

```

```

!IF "$(CFG)" == "tpapl - Win32 Release"

CPP_SWITCHES=/nologo /MD /W3 /GX /O2 /I
"c:\luxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /Fp"$(INTDIR)\tpapl.pch" /Yu"stdafx.h"
/Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

"$(INTDIR)\tpapl.obj" : $(SOURCE) "$(INTDIR)"
"$(INTDIR)\tpapl.pch"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 keep"

CPP_SWITCHES=/nologo /MDd /W3 /GX /ZI /Od /I
"c:\luxedo\include" /D "WIN32" /D "_DEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

"$(INTDIR)\tpapl.obj" : $(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 test"

CPP_SWITCHES=/nologo /MDd /W3 /GX /ZI /Od /I
"c:\luxedo\include" /D "WIN32" /D "_DEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /D "SCRTEST" /Fo"$(INTDIR)\\"
/Fd"$(INTDIR)\\" /FD /c

"$(INTDIR)\tpapl.obj" : $(SOURCE) "$(INTDIR)"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ELSEIF "$(CFG)" == "tpapl - Win32 Release_dll"

CPP_SWITCHES=/nologo /MD /W3 /GX /O2 /I
"c:\luxedo\include" /D "WIN32" /D "NDEBUG" /D
"_WINDOWS" /D "_WINDLL" /D "_AFXDLL" /D
"_USRDLL" /D "Symfo" /D "_TMSTHEADS" /D
"USE_FML" /D "SCRTEST" /Fp"$(INTDIR)\tpapl.pch"
/Yu"stdafx.h" /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\\" /FD /c

"$(INTDIR)\tpapl.obj" : $(SOURCE) "$(INTDIR)"
"$(INTDIR)\tpapl.pch"
$(CPP) @<<
$(CPP_SWITCHES) $(SOURCE)
<<

!ENDIF

SOURCE=.tpapl.rc

"$(INTDIR)\tpapl.res" : $(SOURCE) "$(INTDIR)"
$(RSC) $(RSC_PROJ) $(SOURCE)

!ENDIF

===== tpcarea.h =====

/* Client context area (oracle web server) */

typedef struct {
// void *trans_b; /* pointer of interface area with TP
application */
int prt_cnt; /* print counter : for debug */
int clent_num; /* maximam client matchine
number */
int max_user; /* maximam user number */
int ott_num; /* maximam TP applicaton
program of 1 client */
int clent[MAXCLIENT][2]; /* client matchine
infomation */
int ott [MAXCLIENT][MAXOTT]; /* TP application
program information */
}tpc_struct;

===== tpc_info.h =====

/*=====
=====+
FILENAME : tpc_info.h
DESCRIPTION
+=====
=====*/

#ifndef TPCC_INFO_H
#define TPCC_INFO_H

#define trans_size 1104 /* interfase area size */

#ifndef Symfo
/* Oracle use only
The external variable is declared. (this file use tpc.c
only) */

long olen;
void *trans_buf;
int trans_size = 1024;
int svnum;

int logincnt = 0;
int base_cok = 0;
char NewOrdername[20];
char Paymentname[20];
char OrderStatusname[20];
char Deliveryname[20];
char StockLevelname[20];

char s_buf[BUF_S];
char s_work[WORK_S];

int now_cookie = 0;
int now_w_id = 0;
int now_d_id = 0;
char now_ottname[8] =
{0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00};
#endif

#endif

#endif

#define VLDATA "Ver 2.1 keep-fml"

#ifndef Symfo
#define INTNULL -32768
#else
#define INTNULL 0
#endif

#ifndef SCRTEST

#ifndef DBPRT
char SOPATH[] = "/dbgSD/tpapl.dll"; /*
DEBG Mode: SCRTEST & DBPRT */
#define MDDATA "SCR And DP"
#else
char SOPATH[] = "/tpc/tpapl.dll"; /* DEBG
Mode: SCRTEST */
#define MDDATA "SCR"
#endif

#else

#ifndef NOSCR
char SOPATH[] = "/tpc/tpapl.dll"; /* DEGB
Mode: */
#define MDDATA "DBG"
#else
char SOPATH[] = "/tpc/tpapl.dll"; /* Release
Mode: */
#define MDDATA "REL"
#endif

#endif

#ifndef DBPRT /* for debug */
FILE *test_fp;
#endif

#endif

===== tpcii.h =====

//
// Client Application Header file
//
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <sys/types.h>
#include <time.h>
#include <math.h>
#include <stdarg.h>
#include <signal.h>
#include <sys/stat.h>
#include <fcntl.h>
#include <malloc.h>
#include <process.h>

/* TPC-C transaction functions
extern int TPCinit ();
extern int TPCnew ();

```

```

extern int TPCpay ();
extern int TPCord ();
extern int TPCdel ();
extern int TPCsto ();
extern int TPCexit ();
extern int TPCdumpinit ();
extern int TPCdumpnew ();
extern int TPCdumppay ();
extern int TPCdumpord ();
extern int TPCdumpdel ();
extern int TPCdumpsto ();
extern int TPCdumpexit ();
*/

/* 99.8.19 w_id 5 keta */
#define MAXCONNECT 25000
#define MAXTERM 6400
#define MAXWH 2500 /* Max Warehouse
scale */

#define MAXCONNECT 250000
#define MAXTERM 64000
#define MAXWH 25000 /* Max Warehouse
scale */

/* The maximum value of client machine which can be
processed */
#define MAXCLIENT 10

/* The maximum value of TP application program of 1
client machine
which can be processed */
#define MAXOTT 80

/* number of Transaction */
#define TRANNEW 1
#define TRANPAY 2
#define TRANORD 3
#define TRANDEL 4
#define TRANSTO 5

/* Error codes : send from TP application program */
#define RECOVERR -10
#define IRRECERR -20
#define NOERR 111

#define NG 0
#define OK 1

#define BUF_S 4096 /* size of the send buffer area
*/
#define WORK_S 2400 /* size of the work buffer area
*/

#define TERM_V 0x1 // Terminal Verification
#define PRT_ELOG 0x8 // Output Debug
Message

// SymfoWare Use Only
#define TX_NEWORDER 1
#define TX_PAYMENT 2
#define TX_ORDERSTAT 3
#define TX_DELIVERY 4
#define TX_STOCKLVL 5

/* Debug Print proc define : debug use only */
#endif DBPRT

#if (DBPRT > 5)
#define DBGP(proc) proc
#define DBGR(proc) proc

#else
#define DBGP(proc)
#define DBGR(proc) proc
#endif

#else
#define DBGP(proc)
#define DBGR(proc)
#endif

===== tpcinweb.h =====

/* -----
tpcinweb.h
Transaction input data screen data
----- */

/* -----
delivery page
* ----- */

#define in_delpage "\
<HTML><HEAD><TITLE>TPC-C:
Delivery</TITLE></HEAD>\r\n\
<BODY><FORM ACTION=\"%s\"
METHOD=\"GET\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"f\"
VALUE=\"D\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"c\"
VALUE=\"%d\">\r\n\
<center>Delivery<br></center>\r\n\
<font size=4><PRE>Warehouse:%5d\r\n\
\r\n\
Carrier Number: <INPUT NAME=\"OC\" SIZE=2
maxlength=2>\r\n\
\r\n\
Execution Status:\r\n\
</PRE><INPUT
TYPE=\"submit\"></FORM></BODY></HTML>"

#define in_delpage2 "\
<HTML><HEAD><TITLE>TPC-C:
Delivery</TITLE></HEAD>\r\n\
<BODY><FORM ACTION=\"%s\"
METHOD=\"GET\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"f\"
VALUE=\"D\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"c\"
VALUE=\"%d\">\r\n\
<center>Delivery<br></center>\r\n\
<font size=3><PRE>\
Warehouse:%5d\r\n\
\r\n\
Carrier Number:<INPUT NAME=\"OC\" SIZE=2
maxlength=2>\r\n\
\r\n\
Execution Status:\r\n\
</PRE><INPUT
TYPE=\"submit\"></FORM></BODY></HTML>\r\n\
\r\n\
neworder page
* ----- */
#define in_newpage "\
<HTML><HEAD><TITLE>TPC-C: New
Order</TITLE></HEAD>\r\n\
<BODY><FORM ACTION=\"%s\"
METHOD=\"GET\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"f\"
VALUE=\"N\">\r\n\
<INPUT TYPE=\"hidden\" NAME=\"c\"
VALUE=\"%d\">\r\n\
<center>New Order<br></center>\r\n\
<PRE><font size=4>Warehouse:%5d District: <INPUT
NAME=\"DI\" SIZE=2 maxlength=2>
Date:\r\n\
Customer: <INPUT NAME=\"CI\" SIZE=4
maxlength=4> Name:
Credit: %%Disc:\r\n\
Order Number: Number of Lines: W_tax:
D_tax:\r\n\
\r\n\
Supp_W Item_Id Item Name Qty Stock
B/G Price Amount\r\n\
<INPUT NAME=\"OS01\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI01\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO01\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS02\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI02\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO02\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS03\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI03\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO03\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS04\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI04\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO04\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS05\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI05\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO05\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS06\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI06\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO06\" SIZE=2 maxlength=2>\r\n\
\r\n\
#define in_newpage2 "\
<INPUT NAME=\"OS07\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI07\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO07\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS08\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI08\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO08\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS09\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI09\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO09\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS10\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI10\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO10\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS11\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI11\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO11\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS12\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI12\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO12\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS13\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI13\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO13\" SIZE=2 maxlength=2>\r\n\
<INPUT NAME=\"OS14\" SIZE=5 maxlength=5>
<INPUT NAME=\"OI14\" SIZE=6 maxlength=6>
<INPUT NAME=\"OO14\" SIZE=2 maxlength=2>\r\n\
\r\n\

```



```

/* If TP application terminated abnormally then use this
format. */
#define tuxerr "\
<HTML><HEAD><TITLE>ERROR: Tuxedo
</TITLE></HEAD><BODY>\
<P>The database could not process your request. \
tpcall terminated abnormally.</P>\
<HR><PRE>%s</PRE><HR>\
<FORM ACTION=\"%s\" METHOD=\"GET\">\
<INPUT TYPE=\"hidden\" NAME=\"c\" VALUE=%d>\
<INPUT TYPE=\"submit\" NAME=\"b\"
VALUE=\"Quit\">\
</BODY></HTML>"

```

```

/* If Oracle application terminated abnormally then use
this format. */
#define oraerr "\
<HTML><HEAD><TITLE>ERROR: ORACLE
</TITLE></HEAD><BODY>\
<P>The database could not process your request. \
Transaction terminated abnormally.</P>\
<HR><PRE>%s</PRE><HR>\
<FORM ACTION=\"%s\" METHOD=\"GET\">\
<INPUT TYPE=\"hidden\" NAME=\"c\" VALUE=%d>\
<INPUT TYPE=\"submit\" NAME=\"b\"
VALUE=\"Quit\">\
</BODY></HTML>"

```

```

/* If SymfoWare application terminated abnormally then
use this format. */
#define symfoerr "\
<HTML><HEAD><TITLE>ERROR:
SYMFOWARE</TITLE></HEAD><BODY>\
<P>The database could not process your request. \
Transaction terminated abnormally.</P>\
<HR><PRE>%s</PRE><HR>\
<FORM ACTION=\"%s\" METHOD=\"GET\">\
<INPUT TYPE=\"hidden\" NAME=\"c\" VALUE=%d>\
<INPUT TYPE=\"submit\" NAME=\"b\"
VALUE=\"Quit\">\
</BODY></HTML>"

```

```

/* If TPINIT() abnormally then use this format. */
#define tuxierr "\
<HTML><HEAD><TITLE>ERROR: Tuxedo-init
</TITLE></HEAD><BODY>\
<P>The database could not process your request. \
%s terminated abnormally.</P>\
</BODY></HTML>"

```

===== trans.h =====

```

/*=====
=====+
FILENAME : trans.h
the work struct according to transaction is declared.

+=====
=====*/

```

```
#ifndef Symfo // if DB-Server is not SymfoWare
```

```

/* New order struct */
struct newinstruct {
    int w_id;
    int d_id;
    int c_id;

```

```

    int ol_i_id[15];
    int ol_supply_w_id[15];
    int ol_quantity[15];
};

```

```

struct newoutstruct {
    int terror;
    int o_id;
    int o_ol_cnt;
    char c_last[17];
    char c_credit[3];
    float c_discount;
    float w_tax;
    float d_tax;
    char o_entry_d[20];
    float total_amount;
    char i_name[15][25];
    int s_quantity[15];
    char brand_generic[15];
    float i_price[15];
    float ol_amount[15];
    char status[26];
    int retry;
};

```

```

struct newstruct {
    int tran_kind;
    struct newinstruct newin;
    struct newoutstruct newout;
};

```

```

/* Payment struct */
struct payinstruct {
    int w_id;
    int d_id;
    int c_w_id;
    int c_d_id;
    int c_id;
    int bylastname;
    /* float h_amount; */ /* old-tool.kit */
    int h_amount;
    char c_last[17];
};

```

```

struct payoutstruct {
    int terror;
    char w_street_1[21];
    char w_street_2[21];
    char w_city[21];
    char w_state[3];
    char w_zip[10];
    char d_street_1[21];
    char d_street_2[21];
    char d_city[21];
    char d_state[3];
    char d_zip[10];
    int c_id;
    char c_firs[17];
    char c_middle[3];
    char c_last[17];
    char c_street_1[21];
    char c_street_2[21];
    char c_city[21];
    char c_state[3];
    char c_zip[10];
    char c_phone[17];
    char c_since[11];
    char c_credit[3];

```

```

    double c_credit_lim;
    float c_discount;
    double c_balance;
    char c_data[201];
    char h_date[20];
    int retry;
};

struct payinstruct {
    int tran_kind;
    struct payinstruct payin;
    struct payoutstruct payout;
};

```

```

/* Order status struct */
struct ordinstruc {
    int w_id;
    int d_id;
    int c_id;
    int bylastname;
    char c_last[17];
};

```

```

struct ordoutstruct {
    int terror;
    int c_id;
    char c_last[17];
    char c_firs[17];
    char c_middle[3];
    double c_balance;
    int o_id;
    char o_entry_d[20];
    int o_carrier_id;
    int o_ol_cnt;
    int ol_supply_w_id[15];
    int ol_i_id[15];
    int ol_quantity[15];
    float ol_amount[15];
    char ol_delivery_d[15][11];
    int retry;
};

```

```

struct ordstruct {
    int tran_kind;
    struct ordinstruc ordin;
    struct ordoutstruct ordout;
};

```

```

/* Delivery struct */
struct delinstruc {
    int w_id;
    int o_carrier_id;
    long qtime;
    long uqtime;
    int in_timing_int;
};

```

```

struct deloutstruct {
    int terror;
    int retry;
};

```

```

struct delstruct {
    int tran_kind;
    struct delinstruc delin;
    struct deloutstruct delout;
};

```

```

/* Stock level struct */
struct stoinstruct {
    int w_id;
    int d_id;
    int threshold;
};

struct stooutstruct {
    int terror;
    int low_stock;
    int retry;
};

struct stostruct {
    int tran_kind;
    struct stoinstruct stoin;
    struct stooutstruct stoout;
};

/* Client context area (oracle web server) */

typedef struct {
    void *trans_b; /* pointer of interface area with TP
application */
    int prt_cnt; /* print counter : for debug */
    int clent_num; /* maximam client machine
number */
    int max_user; /* maximam user number */
    int ott_num; /* maximam TP applicaton
program of 1 client */
    int clent[MAXCLIENT][2]; /* client machine
infomation */
    int ott [MAXCLIENT][MAXOTT]; /* TP application
program information*/
}tpc_struct;

#endif // IF DB is not SymfoWare.

/* RTE - Client interface struct */
typedef struct {
    char *button,
    *cookie,
    *form,
    *O_CARRIER_ID,
    *threshold,
    *D_ID,
    *C_ID,
    *C_W_ID,
    *C_D_ID,
    *C_LAST,
    *H_AMOUNT,
    *OL_SUPPLY_W_ID[15],
    *OL_I_ID[15],
    *OL_QUANTITY[15];
} rte_input_data;

```

Appendix B: Server Source Code

===== TPCC_fml.Kaiser.fix8.pc =====

```
#define FFLUSH_OUT
#define PRT_TRANNUM
#ifndef NO_SQL
#else
#define USE_SQL_MODE
#endif
/* #define TAMESHI_OZA */
#ifndef TAMESHI_OZA
short o_ol_cnt_kari;
#endif

/* SV-APL-0007 2001/02/26 H.Akagi START */
/* pretransaction W_ID */
#define INIT_SAMPLE_WID 18216
/* SV-APL-0007 2000/02/26 H.Akagi END */

/*****
*****/
/* TPCC.pc COPYRIGHT FUJITSU LIMITED 1997
**/
/** : **/
/** : **/
/** : SymfoWARE RDB TPC-C Benchmark
**/
/** : Appendix B Server Source Code
**/
/** : 1996/09/06 **/
/** : 1997/02/24 (New-order,Order-status)
**/
/** : 1997/03/13 Revision3.3 : Any Error(Clause
2.3.6) **/
/** : 1998/03/02 NT K.Sugiyama & M.Suzuki
**/
/** : 1998/06.01 FML M.Suzuki
**/
/** : 1998/07/14 M.Suzuki **/
/** : 1998/08/21 1000WH M.Suzuki
**/
/** : 1998/08/27 stocklevel commit M.Suzuki
**/
/** : 1998/11/19 T.Moriai **/
/** : 1999/05/27 id K.Serizawa **/
*****/
/****
*
*
*
* SV-APL-0001 2000/11/16 2000
K.Sugiyama
* SV-APL-0002 2000/12/05 print tran-num
S.Kashimoto
* SV-APL-0003 2000/12/12 print illegal oid
S.kashimoto
* SV-APL-0004 2000/12/18 interrupted stored
procedure S.Kashimoto
* SV-APL-0005 2001/01/05 NT time problem
S.Kashimoto
```

```
* SV-APL-0006 2001/01/12 ol_number(with stored.h)
S.Kashimoto
* SV-APL-0007 2001/02/26 add
pretransaction(S_Level) H.Akagi
****/

#ifdef NT
#include <windows.h>
#endif

#include <sys/types.h>
#include <time.h>
/* #include <sys/time.h> */
/* #include <sys/times.h> */
#include <stdio.h>
/* #include <sys/param.h> */
/* #include <sys/ipc.h> */
/* #include <sys/msg.h> */
#include <math.h>
#include <stdlib.h>

#ifndef NT
#include <unistd.h>
#endif

#include <string.h>

#include "tmenv.h"
#include "atmi.h"
#include "bench2.h"
/* 98.03.02 nop */
/* #include <userlog.h> */
/* 98.03.02 */

#ifdef USE_FML /* 98.05.21 */
#include "fml.h"
#include "fldtbl.h"
#endif

/* 98.03.02 */
/* #define NT
*/
/* (gettimeofday) (GetSystemTime)
(SYSTEMTIME) include */

#ifdef NT
#include <WTypes.H>
#endif
/* 98.03.02 */

/* 98.07.01 */
#include <stdio.h>
/* 98.07.01 */

EXEC SQL INCLUDE bench1.h;
EXEC SQL INCLUDE stored.h; /* stored
1996.9.25 sato */
#define INTNULL -32768

/* #define TRACE on */
#define DP userlog
#define RDB_NORMAL 0

/* 98.03.02 */
/* 98.07.07 */
```

```
#ifndef NT
/*****
*****/
#define TIMES GetSystemTime(&systemtime);
// tp.tv_sec = ((systemtime.wYear - 1970)
**365*24*3600)
// + ((systemtime.wMonth - 1) *30*24*3600
// + ((systemtime.wDay - 1) *24*3600
// + (systemtime.wHour * 3600
// + (systemtime.wMinute * 60
// + (systemtime.wSecond));
// tp.tv_usec = systemtime.wMilliseconds * 1000;
// tv_st_sec=tp.tv_sec; tv_st_usec=tp.tv_usec;
*****/
#define TIMES GetSystemTime(&systemtime);\
yDay = 0;\
switch(systemtime.wMonth - 1){\
case 11: yDay += 30;\
case 10: yDay += 31;\
case 9: yDay += 30;\
case 8: yDay += 31;\
case 7: yDay += 31;\
case 6: yDay += 30;\
case 5: yDay += 31;\
case 4: yDay += 30;\
case 3: yDay += 31;\
case 2: /* */\
((systemtime.wYear % 4 == 0) &&\
(systemtime.wYear % 100 != 0)) ||\
((systemtime.wYear % 4 == 0) &&\
(systemtime.wYear % 400 == 0)))\
?(yDay += 29): (yDay += 28);\
case 1: yDay += 31;\
default: break;\
}\
/* */\
tp.tv_sec = systemtime.wSecond +\
/* */\
(systemtime.wMinute * 60) +\
/* */\
((systemtime.wHour * 3600) +\
/* */\
((systemtime.wDay - 1) * 3600 * 24);\
/* */\
tp.tv_sec += (yDay * 3600 * 24);\
/* */\
/* */\
yDiff = systemtime.wYear - 1970; /*\
1970 ( )*\
work_day = ((yDiff+1) / 4); /* SV-APL-0005\
2001/01/05 */\
tp.tv_sec += ((yDiff * 365) + work_day) * 24 *\
3600;\
tp.tv_usec = systemtime.wMilliseconds;\
tv_st_sec=tp.tv_sec; tv_st_usec=tp.tv_usec;\
#else
#define TIMES Gettimeofday(&tp); tv_st_sec=tp.tv_sec;\
tv_st_usec=tp.tv_usec;\
#endif

#ifdef NT
/*****
*****/
#define TIMEE(NUM)
// GetSystemTime(&systemtime);\
// tp.tv_sec = ((systemtime.wYear - 1970)
**365*24*3600)
// + ((systemtime.wMonth - 1) *30*24*3600
// + ((systemtime.wDay - 1) *24*3600
// + (systemtime.wHour * 3600
// + (systemtime.wMinute * 60
```

```

//          + (systemtime.wSecond );
******/
#define TIMEE(NUM) \
    GetSystemTime(&systemtime);\
    yDay = 0;\
    switch(systemtime.wMonth - 1){\
    case 11:  yDay += 30;\
    case 10:  yDay += 31;\
    case 9:   yDay += 30;\
    case 8:   yDay += 31;\
    case 7:   yDay += 31;\
    case 6:   yDay += 30;\
    case 5:   yDay += 31;\
    case 4:   yDay += 30;\
    case 3:   yDay += 31;\
    case 2:   /* */\
        (((systemtime.wYear % 4 == 0) &&
(systemtime.wYear % 100 != 0)) ||\
        ((systemtime.wYear % 4 == 0) &&
(systemtime.wYear % 400 == 0)))\
            ?(yDay += 29):(yDay += 28);\
        case 1:  yDay += 31;\
        default: break;\
    }\
    /* */\
    tp.tv_sec = systemtime.wSecond +
/* */\
        (systemtime.wMinute * 60) + /* */\
        ((systemtime.wHour) * 3600) +
/* */\
        ((systemtime.wDay - 1) * 3600 * 24);
/* */\
    tp.tv_sec += (yDay * 3600 * 24); /* */\
    /* */\
    yDiff = systemtime.wYear - 1970; /* 1970
( ) */\
    work_day = ((yDiff+1) / 4); /* SV-APL-0005
2001/01/05 */\
    tp.tv_sec += ((yDiff * 365) + work_day) * 24 *
3600;\
    tp.tv_usec = systemtime.wMilliseconds;\
    time_sec=tp.tv_sec-tv_st_usec;\
    if(tp.tv_usec < tv_st_usec) \
    { time_usec=1000-tv_st_usec+tp.tv_usec;\
time_sec=time_sec-1; } \
    else \
    time_usec=tp.tv_usec-tv_st_usec; \
    time_usec=time_sec*1000+time_usec; \
    if(NUM!=999) \
    { fprintf(time_fd,"SQL_NUM = %d
EACH_TIME= %d\n",NUM,time_usec); \
    all_time(NUM,time_sec,time_usec); \
    } \
    else \
    { fprintf(time_fd,"ALL_NUM = %d
EACH_TIME= %d.%06d\n", \
        NUM,
time_sec, time_usec ); \
    } \
    #endif
/* 98.03.02 */

/*#define SOLARIS */ /* 98.02.23 suzuki */

#ifdef UXP_DS /* 98.02.23 suzuki */
#define Gettimeofday(a) gettimeofday(a)
/* 98.03.02 */
#else defined NT
#define Gettimeofday(a)
GetSystemTime(&systemtime);
/* a.tv_sec = ((systemtime.wYear - 1970)
*365*24*3600)
/* (systemtime.wMonth - 1)
*30*24*3600)
/* (systemtime.wDay - 1)
*24*3600)
/* (systemtime.wHour * 3600)
/* (systemtime.wMinute * 60)
/* (systemtime.wSecond );
/* a.tv_usec = systemtime.wMilliseconds *
1000;
#define Gettimeofday(a)
GetSystemTime(&systemtime);\
yDay = 0;\
switch(systemtime.wMonth - 1){\
case 11:  yDay += 30;\
case 10:  yDay += 31;\
case 9:   yDay += 30;\
case 8:   yDay += 31;\
case 7:   yDay += 31;\
case 6:   yDay += 30;\
case 5:   yDay += 31;\
case 4:   yDay += 30;\
case 3:   yDay += 31;\
case 2:   /* */\
        (((systemtime.wYear % 4 == 0) &&
(systemtime.wYear % 100 != 0)) ||\
        ((systemtime.wYear % 4 == 0) &&
(systemtime.wYear % 400 == 0)))\
            ?(yDay += 29):(yDay += 28);\
        case 1:  yDay += 31;\
        default: break;\
    }\
    /* */\
    *a.tv_sec = systemtime.wSecond +
/* */\
        (systemtime.wMinute * 60) +
/* */\
        ((systemtime.wHour) * 3600) +
/* */\
        ((systemtime.wDay - 1) * 3600 *
24); /* */\
    /* */\
    *a.tv_sec += (yDay * 3600 * 24);
/* */\
    /* */\
    yDiff = systemtime.wYear - 1970; /*
1970
( ) */\
    work_day = ((yDiff+1) / 4); /* SV-APL-0005
2001/01/05 */\
    tp.tv_sec += ((yDiff * 365) + work_day) * 24 *
3600;\
    tp.tv_usec = systemtime.wMilliseconds;\
    time_sec=tp.tv_sec-tv_st_usec;\
    if(tp.tv_usec < tv_st_usec) \
    { time_usec=1000-tv_st_usec+tp.tv_usec;\
time_sec=time_sec-1; } \
    else \
    time_usec=tp.tv_usec-tv_st_usec; \
    time_usec=time_sec*1000+time_usec; \
    if(NUM!=999) \
    { fprintf(time_fd,"SQL_NUM = %d
EACH_TIME= %d\n",NUM,time_usec); \
    all_time(NUM,time_sec,time_usec); \
    } \
    else \
    { fprintf(time_fd,"ALL_NUM = %d
EACH_TIME= %d.%06d\n", \
        NUM,
time_sec, time_usec ); \
    } \
    #endif
/* 98.03.02 */

/* add-96.8.23 */
time_t ttt;
time_t t_wk;
char tc_wk[26];
char tc_s[15]; /* 1997.01.27 */

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL BEGIN DECLARE SECTION;
/*short errorpos_ind;*/
#endif
int tmp_s_i_id;
int tmp_w_id;
int tmp_d_id;

long namecount;

long ol_total;

long low_stock;
long threshold;
int tmp_o_id;
char SQLSTATE[6];

/* 98.06.08 */
int
t19,t18,t17,t16,t15,t14,t13,t12,t11,t10,t09,t08,t07,t06,t0
5,t04,t03,t02;
/* 98.06.08 */

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL END DECLARE SECTION;

#else

#define OLINSERT OLINSERT_nop
#define JMCINT2 JMCINT2_nop
#define JMCINT3 JMCINT3_nop
OLINSERT_nop{}
JMCINT2_nop{}
JMCINT3_nop{}

#ifdef NT
#define SQLWAIT_O Sleep( 1);
#define SQLWAIT_N Sleep( 1);
#define SQLWAIT_N_C Sleep( 1);
#define SQLWAIT_N_R Sleep( 2);
#define SQLWAIT_P Sleep( 1);
#define SQLWAIT_D Sleep( 5);
#define SQLWAIT_S Sleep( 2);
#else

```



```

#define SLEEP_MIN 10
#define SQLWAIT_O usleep( 10 * SLEEP_MIN);
#define SQLWAIT_N usleep( 100 * SLEEP_MIN);
#define SQLWAIT_N_C usleep( 10 * SLEEP_MIN);
#define SQLWAIT_N_R usleep( 200 * SLEEP_MIN);
#define SQLWAIT_P usleep( 20 * SLEEP_MIN);
#define SQLWAIT_D usleep( 500 * SLEEP_MIN);
#define SQLWAIT_S usleep( 200 * SLEEP_MIN);
#endif

neworder_trans *bpn;
payment_trans *bpp;
orderstat_trans *bpo;
delivery_trans *bpd;
stocklvl_trans *bps;

#ifdef USE_FML /* 98.05.21 */
neworder_trans nbuf;
payment_trans pbuf;
orderstat_trans obuf;
delivery_trans dbuf;
stocklvl_trans sbuf;
#endif

/* 98.03.02 */
/* (gettimeofday) */
#ifdef NT
struct _SYSTEMTIME systemtime;
struct tp_tag{
    long tv_sec ;
    long tv_usec ;
};
struct tp_tag tp,tp_e;
#else
struct timeval tp,tp_e;
#endif
/* 98.03.02 */
long tv_st_sec,tv_st_usec;
long time_sec,time_usec;
/* long tv_en_sec,tv_en_usec; for delivery */
long result_o_id[10]; /* for delivery */
int number;
int douitu;

FILE *fd = 0;
FILE *t_fd = 0;
FILE *time_fd ;

FILE *delivery_handle = NULL;
FILE *fp;

/* 98.07.01 */
static FILE *tpsvrinit_fp = 0;
static ctr = 0;
/* 98.07.01 */

/* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
int newo_commit=0;
int newo_rollback=0;
int newo_error=0;
int newo_retry=0;
#endif

void s_ymdhms(
{
    struct tm itm;

    time(&t_wk) ;
    itm = *( localtime( &t_wk ) );
    sprintf( tc_s, "%04d%02d%02d%02d%02d",
        itm.tm_year + 1900, itm.tm_mon+1,
        itm.tm_mday,
        itm.tm_hour, itm.tm_min, itm.tm_sec );
    /* tc_s[14] = NULL ; */
    tc_s[14] = 0 ;
}

long c_ymdhms( char *time )
{
    struct tm itm ;
    long otm ;
    int ymdhms ;
    char ctm[3] ;

    /* SV-APL-0001 2000/11/16 K.Sugiyama START */
    char w_buf[5];
    w_buf[4] = '\0' ;
    /* SV-APL-0001 2000/11/16 K.Sugiyama END */
    ctm[2] = '\0' ;

    /* SV-APL-0001 2000/11/16 K.Sugiyama START */
    strncpy( w_buf, &time[0], 4 );
    ymdhms = atoi( w_buf ) - 1900;
#ifdef 0
    strncpy( ctm, &time[2], 2 );
    ymdhms = atoi( ctm ) ;
#endif
    /* SV-APL-0001 2000/11/16 K.Sugiyama END */
    itm.tm_year = ymdhms ;

    strncpy( ctm, &time[4], 2 );
    ymdhms = atoi( ctm ) ;
    itm.tm_mon = ymdhms - 1 ;

    strncpy( ctm, &time[6], 2 );
    ymdhms = atoi( ctm ) ;
    itm.tm_mday = ymdhms ;

    strncpy( ctm, &time[8], 2 );
    ymdhms = atoi( ctm ) ;
    itm.tm_hour = ymdhms ;

    strncpy( ctm, &time[10], 2 );
    ymdhms = atoi( ctm ) ;
    itm.tm_min = ymdhms ;

    strncpy( ctm, &time[12], 2 );
    ymdhms = atoi( ctm ) ;
    itm.tm_sec = ymdhms ;

    itm.tm_isdst = -1 ;

    otm = mktime( &itm ) ;
    return( otm ) ;
}

/* SV-APL-0007 2001/02/26 H.Akagi START */
/*
 * Function : func const()
 * Description : get constant value
 * Parameters : a
 */
Const(a)
int a;
{
    if (a == 255) return(111);
    if (a == 1023) return(777);
    if (a == 8191) return(3562);
}

#define random(x,y) (((rand()*32768+rand())%(y-x+1))+x)
#define NURand(A,x,y) (((random(0,A) | random(x,y)) + Const((A))) % (y-x+1))+x

/*
 * Function : string func get_C_LAST()
 * Description : get C_LAST
 * Parameters : nothing
 */
char *Mybstack[10]
={"BAR","OUGHT","ABLE","PRI","PRES",
"ESE","ANTI","CALLY","ATION","EING"};
char *get_C_LAST()
{
    char *str;
    int nurnd;
    nurnd = NURand(255,0,999) ;

    str = Mybstack[(nurnd / 100)];
    strcpy(c_last,str);
    str = Mybstack[((nurnd % 100) / 10)];
    strcat(c_last,str);
    str = Mybstack[((nurnd % 100) % 10)];
    strcat(c_last,str);
    return(c_last);
}

/* neworder_trans *bpn_init; */
/* payment_trans *bpp_init; */
/* orderstat_trans *bpo_init; */
/* delivery_trans *bpd_init; */
/* stocklvl_trans *bps_init; */

/* neworder_trans nbuf_init; */
/* payment_trans pbuf_init; */
orderstat_trans obuf_init;
/* delivery_trans dbuf_init; */
stocklvl_trans sbuf_init;

int init_w_id;
/* SV-APL-0007 2000/02/26 H.Akagi END */

/*****
/* TPCC */
/*****
int TPCC(info,num)
TPSVCINFO *info;
int num;
{
    int mix;
    int k;
    char logname[80]; /* for delivery 1997.02.27 */

    FILE *fp;
    int rtnsize;

#ifdef NT
/* 98.07.07 */
DWORD work,yDay,yDiff,work_day;
#else

```

```

/* 98.07.07 */
long int work,yDay,yDiff,work_day;
#endif

/* wait for message to come in */

#ifdef USE_FML /* 98.04.09 Ich. */
mix = Fvll( ( FBFR * )info->data, FML_TRAN, 0);
#else
mix = *((int *)info->data);
#endif
#ifdef TRACE
DP("TPCC-call mix=%d \n",mix);
#endif

if( mix == 1 )
{
#ifdef USE_FML /* 98.04.07 Ich. */
nbuf = *(( neworder_trans * )Ffind( ( FBFR * )info->data,
FML_DATA, 0, NULL ));
bpn = &nbuf;
#else
bpn = (neworder_trans *)info->data;
#endif
rtysize = sizeof(neworder_trans);
w_id = bpn->w_id ;
d_id = bpn->d_id ;
bpn->C_R = 0; /* Commit/Rollback flag */
tmp_d_id = bpn->d_id;
c_id = bpn->c_id;
o_ol_cnt = bpn->o_ol_cnt;

bpn->C_R = NewOrder();
#ifdef TAMESHI_OZA
if(bpn->C_R==2){
FILE *fpoza;

printf("C_R==2\n");
fpoza=fopen("/tmp/svrou.oz","a+");
fprintf(fpoza,"C_R==2 p=%d \n",getpid);
fflush(fpoza);
}
#endif

/* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
if(bpn->C_R==2){newo_rollback++;}
else if(bpn->C_R==1){newo_commit++;}
else {newo_error++;}
#endif

#ifdef USE_FML /* 98.04.07 Ich. */
Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char
*)bpn,
sizeof( neworder_trans ));
#endif
}
else if( mix == 2 )
{
#ifdef USE_FML /* 98.04.07 Ich. */
pbuf = *(( payment_trans * )Ffind( ( FBFR * )info->data,
FML_DATA, 0, NULL ));
bpp = &pbuf;
#else
bpp = (payment_trans *)info->data;
#endif
rtysize = sizeof(payment_trans);

w_id = bpp->w_id ;
d_id = bpp->d_id ;

c_d_id = bpp->c_d_id;
c_w_id = bpp->c_w_id;

strncpy(c_last,"",sizeof(c_last)); /*
960909 */
strcpy(c_last,bpp->c_last);
for(k=0 ; k<16; k++)
{
if (c_last[k] == 0x00)
{
c_last[k] = 0x20;
}
}
c_id = bpp->c_id;
h_amount = bpp->h_amount;

bpp->C_R = Payment();
#ifdef USE_FML /* 98.04.07 Ich. */
Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char
*)bpp,
sizeof( payment_trans ));
#endif
}
else if( mix == 3 )
{
#ifdef USE_FML /* 98.04.07 Ich. */
obuf = *(( orderstat_trans * )Ffind( ( FBFR * )info->data,
FML_DATA, 0, NULL ));
bpo = &obuf;
#else
bpo = (orderstat_trans *)info->data;
#endif
rtysize = sizeof(orderstat_trans);
w_id = bpo->w_id ;
d_id = bpo->d_id ;
c_id = bpo->c_id;
bpo->C_R = 0; /* Clear the Commit/Rollback
flag */
c_w_id = bpo->w_id; /* clients Warehouse ID
*/
c_d_id =bpo->d_id;

strncpy(c_last,"",sizeof(c_last)); /*
960909 */
strcpy(c_last,bpo->c_last);
for(k=0 ; k<16; k++)
{
if (c_last[k] == 0x00)
{
c_last[k] = 0x20;
}
}

if(OrderStatus())
{
bpo->C_R = 1; }
else
{
bpo->C_R = 0; }
#ifdef USE_FML /* 98.04.07 Ich. */
Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char
*)bpo,
sizeof( orderstat_trans ));
#endif
}
else if( mix == 4 )
{
#ifdef USE_FML /* 98.04.07 Ich. */
dbuf = *(( ( delivery_trans * )Ffind( ( FBFR * )info->data,
FML_DATA, 0, NULL ));
bpd = &dbuf;
#else
bpd = (delivery_trans *)info->data;
#endif

w_id = bpd->w_id ;
d_id = bpd->d_id ;
bpd->C_R = 0; /* Clear the
Commit/Rollback flag */

if ( delivery_handle == NULL )
{
#ifdef USE_FML /* 98.04.07 Ich. */
num = getpid(); /* (^, */
#endif
sprintf(logname,"/tpcrt/tpcc/delivery_log%d",num);
delivery_handle = fopen(logname,"w+");
if ( delivery_handle == NULL )
{
delivery_handle = stderr;
}
#ifdef TRACE
DP("delivery_log1 cannot write\n");
#endif
printf("delivery_log cannot write\n");
fflush(stdout);
}
o_carrier_id = bpd->o_carrier_id;

for(d_id = 0; d_id < 10; d_id++)
{
result_o_id[d_id] = 0; }

/****** Transaction *****/
bpd->C_R = Delivery();
Gettimeofday(&tp_e);
#ifdef TRACE
DP("A-deli_handle= %x C_R=%d
\n",delivery_handle,bpd->C_R);
#endif
if(bpd->C_R)
{
#ifdef NT
/* NT msec 1000 */
fprintf(delivery_handle,"%09d%03d %09d%0
3d %d %d",
bpd->startsec,
bpd->startusec,
tp_e.tv_sec,
tp_e.tv_usec,
w_id,
o_carrier_id);
#else
fprintf(delivery_handle,"%09d%03d %09d%0
3d %d %d",
bpd->startsec,
bpd->startusec/1000,
tp_e.tv_sec,
tp_e.tv_usec/1000,
w_id,
o_carrier_id);
#endif
}

for(d_id = 0; d_id < 10; d_id++)
{

```



```

#endif
    DP("CONNECT(SQLSTATE) = %s\n",
SQLSTATE);

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL COMMIT WORK ;
#endif
#if 0
/** cobol unuse **/
JMPCINT2();
#endif

/* SV-APL-0007 2001/02/26 H.Akagi START */
    init_w_id = INIT_SAMPLE_WID;
    d_id = random(1,10);
    w_id = random(1,init_w_id);
/* SV-APL-0007 2001/02/26 H.Akagi END */

    if(! preNewOrder() ) ++i;
    if(! prePayment() ) ++i;
    if(! preOrderStatus() ) ++i;
    if(! preDelivery() ) ++i;
    if(! preStockLevel() ) ++i;

    if(i)
    {
        printf("%d errors in SQL
prepares.quitting.\n",i);
        fflush(stdout);
        exit(1);
    }

    DP("tpsvrinit end called pid=%d\n",getpid());

#ifdef suzuki
/* 98.07.01 */
    if(tpsvrinit_fp == 0){
        tpsvrinit_fp = fopen("tpsvrinit_test.txt","w");
    }
    fprintf(tpsvrinit_fp,"tpsvrinit end\n");
    fflush(tpsvrinit_fp);
/* 98.07.01 */
#endif
}

int scanstring(target,search,length)
char *target,*search;
int length;
{
    int search_length,iter;
    if((search_length = strlen(search)) > length)
    {
        return(-1);
    }
    for (iter= length -search_length;iter;--iter,++target)
    {
        if(strncmp(target,search,search_length) == 0)
        {
            return(1);
        }
    }
    return(0);
}

/*****

/* preNewOrder */
/*****
preNewOrder()
{
    return(1);
}

/*****
/* NewOrder */
/*****
NewOrder()
{
    long i_price[15];
    char i_name[15][25];
    char i_data[15][51];
    char s_datax[15][51];
    int j ;
    int i ;
    long total_amount = 0;
    int pos = 0;
/* int in_ol_i_id ; unused */
    int in_ol_number ;
    int item_notfound_cnt ;
    FILE *fp;
    FILE *handle;
    int retry_flag = 0 ;

    struct {
        int num ;
        long ol_i_id ;
    } sort_id[15] ;
    struct {
        int num ;
        long ol_i_id ;
    } r_id[15] ;
    int sort_num ;
    long sort_ol_i_id ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL BEGIN DECLARE SECTION;
#endif
    short h_cnt ;
    short r_cnt ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL END DECLARE SECTION;
#endif
    begin_tran;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL WHENEVER SQLERROR
GOTO :sqlerr ;
    EXEC SQL WHENEVER NOT FOUND
GOTO :not_found ;
#endif
    errorpos = 0 ;
    item_notfound = -1 ;

    o_id_ind = -1; /* SV-APL-0003 2000/12/12 */
    o_all_local = -1; /* SV-APL-0004 2000/12/18 */
/*
    o_all_local_ind = 0; /* SV-APL-0004 2000/12/18 */
/*
    h_cnt = 0 ;
    r_cnt = 0 ;
    for (ol_number = 0; ol_number <
o_ol_cnt ;++ol_number)
    {
        if ( w_id == bpn->ol_supply_w_id[ol_number] )
            for (i=0; i < h_cnt; i++)
            {
                if ( sort_id[i].ol_i_id == bpn-
>ol_i_id[ol_number] )
                {
                    break ;
                }
            }
            if ( i == h_cnt )
            {
                sort_id[h_cnt].num =
ol_number ;
                sort_id[h_cnt].ol_i_id = bpn-
>ol_i_id[ol_number] ;
                h_cnt = h_cnt + 1 ;
            }
            else
            {
                r_id[r_cnt].num = ol_number ;
                r_id[r_cnt].ol_i_id = bpn-
>ol_i_id[ol_number] ;
                r_cnt = r_cnt + 1 ;
            }
            else
            {
                r_id[r_cnt].num = ol_number ;
                r_id[r_cnt].ol_i_id = bpn-
>ol_i_id[ol_number] ;
                r_cnt = r_cnt + 1 ;
            }
        }

        for (i=0; i < r_cnt; i++)
        {
            sort_id[h_cnt+i].num = r_id[i].num ;
            sort_id[h_cnt+i].ol_i_id = r_id[i].ol_i_id ;
        }

        for (ol_number = 0; ol_number <
h_cnt ;++ol_number)
        {
            for (in_ol_number = ol_number + 1 ;
in_ol_number < h_cnt ;++in_ol_number)
            {
                if (sort_id[in_ol_number].ol_i_id >
sort_id[ol_number].ol_i_id)
                {
                    sort_num =
sort_id[ol_number].num ;
                    sort_ol_i_id =
sort_id[ol_number].ol_i_id ;
                    sort_id[ol_number].ol_i_id =
sort_id[in_ol_number].ol_i_id ;
                    sort_id[in_ol_number].num =
sort_num ;
                    sort_id[in_ol_number].ol_i_id =
sort_ol_i_id ;
                }
            }
        }

        for (i=0,ol_number = 0; ol_number <
15 ;++ol_number)
        {

```

```

if (ol_number < h_cnt)
{
    ol_i_id_ai_ind.SOLENTRY[ol_number] =
0 ;
    ol_i_id_ai.SOLENTRY[ol_number]
= bpn-
>ol_i_id[sort_id[ol_number].num] ;
    ol_s_ai_ind.SOLENTRY[ol_number] =
0 ;
    ol_s_ai.SOLENTRY[ol_number]
= bpn-
>ol_supply_w_id[sort_id[ol_number].num] ;

    ol_i_ai.SOLENTRY[ol_number]
= bpn-
>ol_i_id[sort_id[ol_number].num] ;
    ol_i_ai_ind.SOLENTRY[ol_number] = 0 ;
    ol_q_ai.SOLENTRY[ol_number] =
    bpn-
>ol_quantity[sort_id[ol_number].num] ;
    ol_q_ai_ind.SOLENTRY[ol_number] =
0 ;
/* SV-APL-0006 2001/01/12 START */
    ol_number_ai.SOLENTRY[ol_number] =
sort_id[ol_number].num + 1 ;
    ol_number_ai_ind.SOLENTRY[ol_number] =
0 ;
/* SV-APL-0006 2001/01/12 END */
}
else
{
    ol_i_id_ai_ind.SOLENTRY[ol_number] = -
1 ;
    ol_i_id_ai.SOLENTRY[ol_number] =
0 ;

    if ( ol_number < o_ol_cnt )
    {
        ol_q_ai.SOLENTRY[ol_number] =
        bpn-
>ol_quantity[sort_id[ol_number].num] ;
        ol_q_ai_ind.SOLENTRY[ol_number] =
0 ;
        ol_i_ai.SOLENTRY[ol_number] =
        bpn-
>ol_i_id[sort_id[ol_number].num] ;
        ol_i_ai_ind.SOLENTRY[ol_number] =
0 ;
        ol_s_ai.SOLENTRY[ol_number] =
        bpn-
>ol_supply_w_id[sort_id[ol_number].num] ;
        ol_s_ai_ind.SOLENTRY[ol_number] =
0 ;
/* SV-APL-0006 2001/01/12 START */
        ol_number_ai.SOLENTRY[ol_number] =
sort_id[ol_number].num + 1 ;
        ol_number_ai_ind.SOLENTRY[ol_number]
= 0 ;
/* SV-APL-0006 2001/01/12 END */
    }
}
ol_q_ai.SQLRSV = o_ol_cnt ;
ol_i_ai.SQLRSV = o_ol_cnt ;
ol_s_ai.SQLRSV = o_ol_cnt ;
ol_i_id_ai.SQLRSV = h_cnt ;

s_ymdhms() ;
strncpy(o_entry_d, tc_s,14) ;

    bpn->o_entry_d = t_wk ;

neworder_proc:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLError CONTINUE ;
EXEC SQL WHENEVER NOT FOUND CONTINUE;
EXEC SQL
CALL
TPCC_SCHEMA.Y_NORDER6(:state
:errorpos
INDICATOR :errorpos_ind ,
:w_id ,
:tmp_d_id ,
:c_id ,
:o_all_local ,
INDICATOR :o_all_local_ind ,
:w_tax ,
INDICATOR :w_tax_ind ,
:d_tax ,
INDICATOR :d_tax_ind ,
:o_id ,
INDICATOR :o_id_ind ,
:o_entry_d ,
:c_discount ,
INDICATOR :c_discount_ind ,
:c_last ,
INDICATOR :c_last_ind ,
:c_credit ,
INDICATOR :c_credit_ind ,
:item_notfound ,
INDICATOR :item_notfound_ind ,
:h_cnt ,
:r_cnt ,
:ol_i_id_ai ,
INDICATOR :ol_i_id_ai_ind,
:ol_i_ai INDICATOR :ol_i_ai_ind ,
:ol_q_ai ,
INDICATOR :ol_q_ai_ind ,
:s_quantity_ai ,
INDICATOR :s_quantity_ai_ind ,
:s_dist_av ,
INDICATOR :s_dist_av_ind ,
:s_data_av ,
INDICATOR :s_data_av_ind ,
:i_price_ai ,
INDICATOR :i_price_ai_ind ,
:i_name_av ,
INDICATOR :i_name_av_ind ,
:i_data_av ,
INDICATOR :i_data_av_ind ,
:ol_s_ai INDICATOR :ol_s_ai_ind ,
:ol_number_ai ,
INDICATOR :ol_number_ai_ind
);
EXEC SQL WHENEVER SQLError
GOTO :sqlerr ;
#ifdef TAMESHI_OZA
{
    FILE *fpoza;
    fpoza=fopen("/tmp/svrount.oz", "a+");
    fprintf(fpoza, "%d endNOstored state(%s)
SQLST=(%s) p=%d \n",
item_notfound,state,SQLSTATE, getpid());
    fflush(fpoza);
    fclose(fpoza);
}
#endif
#else
#endif
#endif

SQLWAIT_N;
strncpy(state, "00000");

/* o_id = rand()%99999999+1; */ /* 98.03.24 Ich. */
o_id = 3001; /* 98.10.14 Moriai */
bpn->w_tax = rand()%2001;
bpn->d_tax = rand()%2001;
strncpy( bpn->c_last, "BAROUGHTABLE" );
strncpy( bpn->c_credit, "GC" );
bpn->c_discount = rand()%101;
#endif
if( SQLSTATE[0]== '4' || SQLSTATE[0] == '7' ){
goto sqlerr;
}
/* SV-APL-0004 2000/12/18 START */
if ( o_all_local == -1 ){
goto sqlerr;
}
/* SV-APL-0004 2000/12/18 END */
if ( memcmp(state, "00000", 5) != 0 )
{
    strncpy(SQLSTATE, state, 5);
    SQLSTATE[5] = 0 ;
    if ( memcmp(state, "02000", 5) == 0 )
    {
        goto not_found;
    }
    else
    {
        goto sqlerr;
    }
}

#ifdef TAMESHI_OZA
{
    FILE *fpoza;
    fpoza=fopen("/tmp/svrount.oz", "a+");
    fprintf(fpoza, "%d SQLST=(%s) p=%d \n",
item_notfound,SQLSTATE, getpid());
    fflush(fpoza);
    fclose(fpoza);
}
#endif

#ifdef DP_IJ
DP("IJ: item_notfound=%d \n",
item_notfound);
#endif
bpn->o_id = o_id ;
/* SV-APL-0003 2000/12/12 */
#ifdef PRT_TRANNUM
if (o_id < 3001)
{
    s_ymdhms();
    DP("###PRT_TRANNUM %s Illegal o_id= %d
o_id_ind=%d COMMIT=%d ROLLBACK= %d
ERROR= %d RETRY= %d\n",
tc_s, o_id, o_id_ind, newo_commit, newo_rollback,
newo_error, newo_retry);
}
#endif
for ( ol_number = 0; ol_number <
o_ol_cnt; ++ol_number )
{
/* 99.05.27
*/
for ( in_ol_number = 0; in_ol_number <
o_ol_cnt; ++in_ol_number )

```

```

    {
        if ( ol_number == sort_id[in_ol_number].num )
        {
            i_price[ol_number]
                =
i_price_ai.SOLENTRY[in_ol_number];
            if ( i_price[ol_number] == 0 )
            {
                /*
                */
                bpn->i_price[ol_number] = 0 ;
                bpn->s_quantity[ol_number] = 0 ;
                ol_dist_info[0] = '\0' ;
                bpn->i_name[ol_number][0] = '\0' ;
                break ;
            }
            else
            {
                bpn->i_price[ol_number] =
i_price[ol_number] ;

                strncpy(bpn->i_name[ol_number],
                    i_name_av.SOLENTRY[in_ol_num
ber].sqlvar,24) ;
                bpn->i_name[ol_number][24] =
'\0' ;

                strncpy(i_data[ol_number],
                    i_data_av.SOLENTRY[in_ol_number].
sqlvar,50) ;
                i_data[ol_number][50] =
'\0' ;
                bpn->s_quantity[ol_number]
                    =
s_quantity_ai.SOLENTRY[in_ol_number] ;
                strncpy(ol_dist_info,
                    s_dist_av.SOLENTRY[in_ol_numbe
r].sqlvar,24) ;
                ol_dist_info[24] = '\0' ;
                strncpy(s_datax[ol_number],
                    s_data_av.SOLENTRY[in_ol_num
ber].sqlvar,50) ;
                s_datax[ol_number][50] =
'\0' ;
                /*sort_id[in_ol_number].ol_i_id = 0 ;
                1997.02.24 */
                break ;
            }
        }
        #ifdef DP_IJ
            DP("IJ: ol_num=%d,", ol_number);
            DP(" price=%d,", i_price[ol_number]);
            DP(" name=%s\n", &(bpn-
>i_name[ol_number][0]));
        #endif
    }
    /* 99.05.27 */

    ol_amount = bpn-
>ol_quantity[ol_number]
        * i_price[ol_number] ;
    bpn->ol_amount[ol_number] =
ol_amount ;
    total_amount += ol_amount ;
    if ( scanstring(i_data[ol_number],"ORIGINAL",50)
        &&
scanstring(s_datax[ol_number],"ORIGINAL",50) )
    {
        bpn->brand_generic[ol_number] = 'B';
    }
}
else
{
    bpn->brand_generic[ol_number] = 'G';
}
}
#endif USE_SQL_MODE /* 98.02.23 suzuki */
if ( item_notfound == -1)
{
    strncpy(bpn->c_last,c_last,17) ;
    strncpy(bpn->c_credit,c_credit,3) ;
    bpn->d_tax = d_tax ;
    bpn->>w_tax = w_tax ;
    bpn->c_discount = c_discount ;
    total_amount *= (1 + (w_tax + d_tax)/10000.0)
        * (1 - (c_discount /10000.0));
    bpn->total_amount = total_amount ;
    bpn->errorpos = 0 ;
    bpn->sqlstate = 0 ;
    return(1) ;
}
else
{
    /* 99.05.27 c_last,c_credit
    */
    strncpy(bpn->c_last,c_last,17) ;
    strncpy(bpn->c_credit,c_credit,3) ;
    /* 99.05.27 */
    bpn->errorpos = 201 ;
    bpn->sqlstate = 02000 ;
    return(2) ;
}
#else
SQLWAIT_N_R;
SQLWAIT_N_R;

bpn->total_amount = 0; /* 98.03.24 Ich. */
for ( i = 0; i < 15; ++i )
{
    if ( bpn->ol_supply_w_id[i] == 0 ) {
        break;
    }
    strcpy( bpn->i_name[i],
"NAME$NAME$NAME$NAME" );
    bpn->s_quantity[i] = ( rand()*%10 ) + 1;
    bpn->brand_generic[i] = 'G';
    bpn->i_price[i] = ( rand()*%9901 )+100;
    bpn->ol_amount[i] = bpn->i_price[i]*bpn-
>ol_quantity[i];
    bpn->total_amount += bpn->ol_amount[i];
}
    bpn->o_ol_cnt = i;
    /* bpn->total_amount *= ( 1.0 + ( bpn->w_tax +
bpn->d_tax)/10000.0)
        * (1.0 - ( bpn-
>c_discount/10000.0)); */
    return(1) ;
}
#endif

not_found:
DP("NOT FOUND IN NewOrder AT %d\n",errorpos);
fflush(stdout);
bpn->errorpos = errorpos ;
bpn->sqlstate = atoi(SQLSTATE) ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL ROLLBACK WORK;
#else
SQLWAIT_N_R;
#endif
}
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Neworder ERRPOS=%d
SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR CONTINUE ;
#endif
if(Error())
{
    #ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL ROLLBACK WORK;
    #else
    SQLWAIT_N_R;
    #endif
    /* SV-APL-0002 2000/12/05 */
    #ifdef PRT_TRANNUM
    newo_retry++;
    #endif
    goto begin_tran;
}
/* SV-APL-0004 2000/12/18 */
#ifdef PRT_TRANNUM
if (newo_error < 20) {
    s_ymdhms();
    DP("###Neworder time=%s ERRPOS=%d
SQLSTATE=%s\n",tc_s,errorpos,SQLSTATE);
}
}
#endif
bpn->errorpos = errorpos ;
bpn->sqlstate = atoi(SQLSTATE) ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL ROLLBACK WORK;
#else
SQLWAIT_N_R;
#endif
return(0);
}

/* prePayment */
prePayment()
{
    return(1);
}

/* Payment */
Payment()
{
    begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR
GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND
GOTO :not_found ;
#endif

    s_ymdhms() ;
    strncpy(h_date, tc_s,14) ;

    c_datax.sqllen = 0; /*99.05.11 c_data */
    c_datax.sqlvar[0] = 0; /*99.05.11 c_data */
    c_datax.sqlvar[500] = 0; /*99.05.11 c_data */
}

```

```

errorpos = 0 ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL
TPCC_SCHEMA.Y_PAYMENT_H10_OUT4(:state
,
: errorpos
INDICATOR :errorpos_ind ,
:w_id ,
:d_id ,
:c_id ,
:c_d_id ,
:c_w_id ,
:h_amount ,
:h_date ,
:w_name ,
:w_street_1 ,
INDICATOR :w_street_1_ind ,
:w_street_2 ,
INDICATOR :w_street_2_ind ,
:w_city ,
INDICATOR :w_city_ind ,
:w_state ,
INDICATOR :w_state_ind ,
:w_zip ,
INDICATOR :w_zip_ind ,
:d_name ,
:d_street_1 ,
INDICATOR :d_street_1_ind ,
:d_street_2 ,
INDICATOR :d_street_2_ind ,
:d_city ,
INDICATOR :d_city_ind ,
:d_state ,
INDICATOR :d_state_ind ,
:d_zip ,
INDICATOR :d_zip_ind ,
:c_first INDICATOR :c_first_ind ,
:c_middle ,
INDICATOR :c_middle_ind ,
:c_last ,
:c_street_1 ,
INDICATOR :c_street_1_ind ,
:c_street_2 ,
INDICATOR :c_street_2_ind ,
:c_city ,
INDICATOR :c_city_ind ,
:c_state ,
INDICATOR :c_state_ind ,
:c_zip ,
INDICATOR :c_zip_ind ,
:c_phone ,
INDICATOR :c_phone_ind ,
:c_credit ,
:c_credit_lim ,
INDICATOR :c_credit_lim_ind ,
:c_discount ,
INDICATOR :c_discount_ind ,
:c_balance ,
INDICATOR :c_balance_ind ,
:c_ytd_payment ,
INDICATOR :c_ytd_payment_ind ,
:c_payment_cnt ,
INDICATOR :c_payment_cnt_ind ,
:c_since INDICATOR :c_since_ind ,
:c_datax INDICATOR :c_data_ind
);
#else

```

```

SQLWAIT_P;
strcpy(state,"00000");

c_discount = rand()%5001; /* 98.03.24 Ich. */
strcpy( c_first, "ABCDEFGHJKLM");
strcpy( c_middle, "OE");
strcpy( c_last, "BAROUGHTABLE");
strcpy( c_phone, "0123456789012345");
c_id = rand()%3000 + 1;

strcpy( c_street_1, "PQRSTUVWXYZABCD");
strcpy( c_street_2, "EFGHIJKLmnopqr");
strcpy( c_city, "STUVWXYZABCDEFGH");
strcpy( c_state, "RE");
sprintf( c_zip, "%04d11111", rand()%10000);

strcpy( d_street_1, "PQRSTUVWXYZABCD");
strcpy( d_street_2, "EFGHIJKLmnopqr");
strcpy( d_city, "STUVWXYZABCDEFGH");
strcpy( d_state, "RE");
sprintf( d_zip, "%04d11111", rand()%10000);

strcpy( w_street_1, "PQRSTUVWXYZABCD");
strcpy( w_street_2, "EFGHIJKLmnopqr");
strcpy( w_city, "STUVWXYZABCDEFGH");
strcpy( w_state, "RE");
sprintf( w_zip, "%04d11111", rand()%10000);

c_balance = ( (rand()*rand()%19999999)-9999999)
/ 100.0;
c_credit_lim = 5000000;

strcpy( c_since, "19980212121212");
strcpy( c_credit, "GC");
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strcpy(SQLSTATE,state,5);
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}
}

bpp->c_discount = c_discount ;
bpp->h_date = t_wk ;
strcpy(bpp->c_first,c_first) ;
strcpy(bpp->c_middle,c_middle) ;
strcpy(bpp->c_last,c_last) ;
strcpy(bpp->c_phone,c_phone) ;
bpp->c_id = c_id ;
strcpy(bpp->c_street_1,c_street_1);
strcpy(bpp->c_street_2,c_street_2);
strcpy(bpp->c_city,c_city) ;
strcpy(bpp->c_state,c_state) ;
strcpy(bpp->c_zip,c_zip) ;

strcpy(bpp->d_street_1,d_street_1);
strcpy(bpp->d_street_2,d_street_2);
strcpy(bpp->d_city,d_city) ;
strcpy(bpp->d_state,d_state) ;
strcpy(bpp->d_zip,d_zip) ;

```

```

strcpy(bpp->w_street_1,w_street_1);
strcpy(bpp->w_street_2,w_street_2);
strcpy(bpp->w_city,w_city) ;
strcpy(bpp->w_state,w_state) ;
strcpy(bpp->w_zip,w_zip) ;

/* bpp->c_balance = c_balance ; 98.11.19 DB
*/
bpp->c_balance = c_balance / 100.0 ;
/* bpp->c_credit_lim = c_credit_lim ; 98.11.19 DB
*/
bpp->c_credit_lim = c_credit_lim / 100.0 ;

bpp->c_since = c_ymdhms(c_since) ;
strcpy(bpp->c_credit,c_credit) ;

#ifdef USE_SQL_MODE /* 98.03.24 Ich. */
if ( strcmp(c_credit,"BC") == 0 )
{
strcpy(bpp-
>c_data,c_datax.sqlvar,c_datax.sqllen);
}
else
{
bpp->c_data[0] = 0 ;
}
#else /* 98.03.24 Ich. */
if ( rand()%10 == 1 ) {
#define _STR50
"0123456789abcdefghijklmnopqrstuvwxyz!#$%&'()*--[]:~"
strcpy( bpp->c_credit, "BC");
strcpy( bpp->c_data,
_STR50_STR50_STR50_STR50_STR50
_STR50_STR50_STR50);
} else {
bpp->c_data[0] = '\0';
}
#endif

bpp->errorpos = 0 ;
bpp->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/
return(1);

not_found:
DP("NOT FOUND IN Payment
AT %d\n",errorpos);
fflush(stdout);
bpp->errorpos = errorpos ;
bpp->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Payment ERRPOS=%d
SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/*EXEC SQL ROLLBACK WORK;*/
goto begin_tran;
}
bpp->errorpos = errorpos ;
bpp->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);
}

```

```

/*****
/* preOrderStatus */
/*****
/* SV-APL-0007 2001/02/26 H.Akagi START */
Order_Status_data(bp)
orderstat_trans *bp;
{

int y;
int C_ID_Rand_by = 1;

y = random(1,100);
if (y <= 60) {
get_C_LAST();
bp->c_id=0;
strcpy(bp->c_last,c_last);
}
if (y > 60) {
c_id = NURand(1023,1,3000 /
C_ID_Rand_by);
c_id = c_id * C_ID_Rand_by;
bp->c_id=c_id;
}
}
/* SV-APL-0007 2001/02/26 H.Akagi END */

preOrderStatus()
{
/* SV-APL-0007 2001/02/26 H.Akagi START */
int k;

/* TPCC() */
bpo = &obuf_init;

bpo->w_id = w_id ;
bpo->d_id = d_id ;
bpo->C_R = 0;

Order_Status_data(bpo);

bpo->c_id = c_id;

c_w_id = bpo->w_id;
c_d_id =bpo->d_id;
strcpy(c_last,"",sizeof(c_last));
strcpy(c_last,bpo->c_last);
for(k=0 ; k<16; k++) {
if (c_last[k] == 0x00) {
c_last[k] = 0x20;
}
}
if(OrderStatus()) {
bpo->C_R = 1;
} else {
bpo->C_R = 0;
}
}
/* SV-APL-0007 2001/02/26 H.Akagi END */

return(1);
}

/*****
/* OrderStatus */
/*****
OrderStatus()
{

```

```

begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR
GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND
GOTO :not_found ;
#endif

errorpos = 0 ;
/*printf("Order-status\n");*/
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL
TPCC_SCHEMA.Y_ORDERSTAT_PS_ARRAY(:state
,
:errorpos
INDICATOR :errorpos_ind ,
:w_id ,
:d_id ,
:c_id ,
:c_first ,
INDICATOR :c_first_ind ,
:c_middle ,
INDICATOR :c_middle_ind ,
:c_last ,
INDICATOR :c_last_ind ,
:c_balance ,
INDICATOR :c_balance_ind ,
:o_id ,
INDICATOR :o_id_ind ,
:o_entry_d ,
INDICATOR :o_entry_d_ind ,
:o_carrier_id ,
INDICATOR :o_carrier_id_ind ,
:o_ol_cnt ,
:ol_i_id_ai ,
INDICATOR :ol_i_id_ai_ind ,
:ol_amount_ai ,
INDICATOR :ol_amount_ai_ind ,
:ol_supply_w_id_as ,
INDICATOR :ol_supply_w_id_as_ind ,
:ol_quantity_as ,
INDICATOR :ol_quantity_as_ind ,
:ol_delivery_av ,
INDICATOR :ol_delivery_av_ind
);
#else
SQLWAIT_0;
strcpy(state,"00000");

c_id = rand()%3000 + 1; /* 98.03.24 Ich. */
strcpy(c_first, "ABCDEFGHJKLM");
strcpy(c_middle, "OE");
strcpy(c_last, "BAROUGHTABLE");
c_balance = ( (rand()*rand()%19999999 )-9999999)
/ 100.0;
o_id = rand()%99999999+1;
strcpy(o_entry_d, "19980123123456");
o_ol_cnt = rand()%11 + 5;
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strcpy(SQLSTATE,state,5);
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
}

```

```

}
else
{
goto sqlerr;
}
}

#ifdef USE_SQL_MODE /* 98.03.24 Ich. */
for ( ol_number = 0; ol_number <
o_ol_cnt; ++ol_number )
{
bpo->ol_i_id[ol_number] =
ol_i_id_ai.SQLENTRY[ol_number] ;
bpo->ol_amount[ol_number] =
ol_amount_ai.SQLENTRY[ol_number];
bpo->ol_supply_w_id[ol_number]
=
ol_supply_w_id_as.SQLENTRY[ol_number] ;

bpo->ol_quantity[ol_number]
=
ol_quantity_as.SQLENTRY[ol_number] ;
if(memcmp(ol_delivery_av.SQLENTRY[ol_number],sqlvar,"77777777",9) != 0)
{
bpo->ol_delivery_d[ol_number]
=
c_ymdhms(ol_delivery_av.SQLENTRY[ol_number],sqlvar);
}
else
{
bpo->ol_delivery_d[ol_number] =
77777777 ;
}
}
#else /* 98.03.24 Ich. */
for ( ol_number = 0; ol_number < o_ol_cnt;
++ol_number )
{
bpo->ol_i_id[ol_number] = ( rand()%100000)+1;
bpo->ol_amount[ol_number] = rand()%1000000;
bpo->ol_supply_w_id[ol_number] =
( rand()%10 )+1;
bpo->ol_quantity[ol_number] = ( rand()%99 )+1;
bpo->ol_delivery_d[ol_number] =
c_ymdhms( "19980321054321" );
}
#endif

if ( o_carrier_id_ind == -1 )
{
bpo->o_carrier_id = INTNULL ;
}
else
{
bpo->o_carrier_id = o_carrier_id ;
}
bpo->c_id = c_id ;
bpo->o_ol_cnt = o_ol_cnt ;
strcpy(bpo->c_first,c_first) ;
strcpy(bpo->c_middle,c_middle) ;
strcpy(bpo->c_last,c_last) ;
/* bpo->c_balance = c_balance ;98.11.19 DB */
*/
bpo->c_balance = c_balance/100.0 ;
bpo->o_id = o_id ;
bpo->o_entry_d = c_ymdhms(o_entry_d) ;

```



```

bpo->errorpos = 0 ;
bpo->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/

return (1);

not_found:
DP("NOT FOUND IN OrderStatus
AT %d\n",errorpos);
fflush(stdout);
bpo->errorpos = errorpos ;
bpo->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("OrderStatus ERRPOS=%d
SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/*EXEC SQL ROLLBACK WORK;*/
goto begin_tran;
}

bpo->errorpos = errorpos ;
bpo->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/

return(0);
}

/*****
/* preDelivery */
*****/
preDelivery()
{
return(1);
}

/*****
/* Delivery */
*****/
Delivery()
{
int temp_d_id ;

begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR
GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND
GOTO :not_found ;
#endif

s_ymdhms() ;
strcpy(ol_delivery_d,tc_s,14) ;
o_carrier_id = bpd->o_carrier_id ;
errorpos = 0 ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL
TPCC_SCHEMA.Y_DELIVERY_PS_ARRAY(:state
,
:errorpos
INDICATOR :errorpos_ind ,
:w_id ,
:c_id ,
:o_carrier_id ,
:ol_delivery_d ,
:result_ai INDICATOR :result_ai_ind
);
#else
SQLWAIT_D;
strcpy(state,"00000");
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strcpy(SQLSTATE,state,5) ;
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}

for ( temp_d_id = 0 ; temp_d_id < 10 ;
temp_d_id++)
{
result_o_id[temp_d_id] =
result_ai.SOLENTRY[temp_d_id];
}

bpd->errorpos = 0 ;
bpd->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/

return(1);

not_found:
DP("NOT FOUND IN DELIVERY
AT %d\n",errorpos);
fflush(stdout);
bpd->errorpos = errorpos ;
bpd->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Delivery ERRPOS=%d
SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/*EXEC SQL ROLLBACK WORK;*/
goto begin_tran;
}

bpd->errorpos = errorpos ;
bpd->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);
}

/*****
/* preStockLevel */
*****/
/* SV-APL-0007 2001/02/26 H.Akagi START */
Stock_Level_data(w_id,bp)
int w_id;
stocklvl_trans *bp;
{
threshold = random(10, 20);
bp->threshold = threshold;
}
/* SV-APL-0007 2001/02/26 H.Akagi END */

preStockLevel()
{
/* SV-APL-0007 2001/02/26 H.Akagi START */
/*
/* TPCC() */
bps = &stbuf_init;

bps->w_id = w_id ;
bps->d_id = d_id ;
bps->threshold = threshold;

Stock_Level_data(w_id,bps);

if(StockLevel()) {
bps->C_R = 1;
bps->low_stock = low_stock;
} else {
bps->C_R = 0;
}
}
/* SV-APL-0007 2001/02/26 H.Akagi END */

return(1);
}

/*****
/* StockLevel */
*****/
StockLevel()
{
begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR
GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND
GOTO :not_found ;
#endif
errorpos = 0 ;

/* 98.06.12 */
#ifdef STOCK_STORED
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL
TPCC_SCHEMA.Y_STOCKLV(:state
:errorpos INDICATOR :errorpos_ind ,
:w_id ,
:d_id ,
:threshold ,
:low_stock
INDICATOR :low_stock_ind
);
#else
SQLWAIT_S;
strcpy(state,"00000");

low_stock = rand()%201; /* 98.03.24 Ich. */
#endif
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strcpy(SQLSTATE,state,5) ;
SQLSTATE[5] = 0 ;
}
}

```

```

if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}
}
#else
/* (1) DISTRICT table select */
EXEC SQL WHENEVER SQLERROR
GOTO :ERR_S_DI;
EXEC SQL WHENEVER NOT
FOUND GOTO :ERR_S_DI;
EXEC SQL SELECT D_NEXT_O_ID
INTO :o_id
FROM TPCC_SCHEMA.DISTRICT
WHERE D_W_ID = :w_id
AND D_ID = :d_id;
EXEC SQL WHENEVER SQLERROR
CONTINUE;
EXEC SQL WHENEVER NOT
FOUND CONTINUE;

/* (2) ORDERLINE table select */
/* (3) STOCK table select and count ITEM */

tmp_o_id = o_id - 20;
o_id = o_id - 1;
t19 = o_id - 1;
t18 = o_id - 2;
t17 = o_id - 3;
t16 = o_id - 4;
t15 = o_id - 5;
t14 = o_id - 6;
t13 = o_id - 7;
t12 = o_id - 8;
t11 = o_id - 9;
t10 = o_id - 10;
t09 = o_id - 11;
t08 = o_id - 12;
t07 = o_id - 13;
t06 = o_id - 14;
t05 = o_id - 15;
t04 = o_id - 16;
t03 = o_id - 17;
t02 = o_id - 18;

EXEC SQL WHENEVER
SQLERROR GOTO :ERR_S_STOL;
EXEC SQL WHENEVER NOT
FOUND GOTO :ERR_S_STOL;

EXEC SQL SELECT COUNT(DISTINCT S_I_ID)
INTO :low_stock
FROM TPCC_SCHEMA.ORDERLINE,
TPCC_SCHEMA.STOCK
WHERE OL_W_ID = :w_id
AND OL_D_ID = :d_id
AND OL_O_ID
IN(:tmp_o_id,
:t02,:t03,:t04,:t05,:t06,:t07,:t08,:t09,:t
10,
:t11,:t12,:t13,:t14,:t15,:t16,:t17,:t18,:t19,
:o_id)
AND OL_NUMBER
IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15)
--$ AND OL_O_ID
--$ BETWEEN @TMP_O_ID
--$ AND @O_ID
AND S_I_ID = OL_I_ID
AND S_W_ID = OL_W_ID
AND S_W_ID = :w_id
AND S_QUANTITY < :threshold;

EXEC SQL WHENEVER
SQLERROR CONTINUE;
EXEC SQL WHENEVER NOT
FOUND CONTINUE;

/* 98.08.27 stocklevel commit */
EXEC SQL COMMIT WORK;
/* 98.08.27 */

#endif
/* 98.06.12 */

bps->errorpos = 0;
bps->sqlstate = 0;
/*EXEC SQL COMMIT WORK;*/
return(1);

/* 98.06.12 */
/* --SQLERR:NOT_FOUND */
ERR_S_DI:
bps->errorpos = 203;
goto sqlerr;

ERR_S_STOL:
bps->errorpos = 248;
goto sqlerr;
/* 98.06.12 */

not_found:
DP("NOT FOUND IN STOCKLEVEL
AT %d\n",errorpos);
flush(stdout);
bps->errorpos = errorpos ;
bps->sqlstate = atoi(SQLSTATE) ;
/* 98.08.27 stocklevel rollback ( ) */
EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Stocklevel ERRPOS=%d
SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/* 98.08.27 stocklevel rollback ( ) */
EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
goto begin_tran;
}
bps->errorpos = errorpos ;
bps->sqlstate = atoi(SQLSTATE) ;
/* 98.08.27 stocklevel rollback ( ) */
EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
return(0);
}
#endif USE_FML /* 98.04.07 */

/*****
/* TPCC1->TPCC10 TPCCs1->3 TPCCd1->3 */
/*****
TPCC1(info)
TPSVCINFO *info;
{
#ifdef TRACE
DP("TPCC-1 called\n");
#endif
number = 1;
return(TPCC(info,number));
}
TPCC2(info)
TPSVCINFO *info;
{
number = 2;
return(TPCC(info,number));
}
TPCC3(info)
TPSVCINFO *info;
{
number = 3;
return(TPCC(info,number));
}
TPCC4(info)
TPSVCINFO *info;
{
number = 4;
return(TPCC(info,number));
}
TPCC5(info)
TPSVCINFO *info;
{
number = 5;
return(TPCC(info,number));
}
TPCC6(info)
TPSVCINFO *info;
{
number = 6;
return(TPCC(info,number));
}
TPCC7(info)
TPSVCINFO *info;
{
number = 7;
return(TPCC(info,number));
}
TPCC8(info)
TPSVCINFO *info;
{
number = 8;
return(TPCC(info,number));
}
TPCC9(info)
TPSVCINFO *info;
{
number = 9;
return(TPCC(info,number));
}
TPCC10(info)
TPSVCINFO *info;
{
number = 10;
return(TPCC(info,number));
}
TPCCd1(info)
TPSVCINFO *info;
{

```

```

    number = 11;
    return(TPCC(info,number));
}
TPCCd2(info)
TPSVCINFO *info;
{
    number = 12;
    return(TPCC(info,number));
}
TPCCd3(info)
TPSVCINFO *info;
{
    number = 13;
    return(TPCC(info,number));
}
TPCCs1(info)
TPSVCINFO *info;
{
    number = 14;
    return(TPCC(info,number));
}
TPCCs2(info)
TPSVCINFO *info;
{
    number = 15;
    return(TPCC(info,number));
}
TPCCs3(info)
TPSVCINFO *info;
{
    number = 16;
    return(TPCC(info,number));
}
#endif

===== Y_DELIVERY.PS_ARRAY2.int_WID
=====

--/*****STORED
PROCEDURE*****/
--/** Y_DELIVERY COPYRIGHT FUJITSU LIMITED
1997 **/
--/** : **/
--/** : **/
--/** : SymfowARE RDB TPC-C Benchmark
**/
--/** : Delivery **/
--/** : 1996/10/12 **/
--/** 1997/03/13 Revision3.3 : Any
Error(Clause 2.3.6) **/
--/** **/
--/** **/
--/** **/
--/**----- **/
--/** 2001/01/11 W_ID (->INTEGER)
**/
--/** 2001/02/07 ACID **/
--/** : **/
--/** : /ACID **/
--/** "..." ( **/
--/** **/
--/** -- *** FOR MEASUREMENT *** --
**/

--/** ==> **/
--/** **/
--/** -- *** FOR ACID ROUTINE *** --
**/
--/** ==> ACID **/
--/** **/
/*****
-- #RESULT_JOIN VARCHAR(100)
-- +-----+
-- |sqlen short |
-- +-----+
-- |#RESULT_O_IDn CHAR(9) | |
-- +-----+ |
-- | CHAR(1) "I" | |
-- +-----+
--
-- +-----+
--
--
*****
EXEC SQL
CREATE PROCEDURE
TPCC_SCHEMA.Y_DELIVERY_PS_ARRAY( -- ***
FOR MEASUREMENT *** --
-- CREATE PROCEDURE
TPCC_SCHEMA.Y_DELIVERY_ACID( -- *** FOR
ACID ROUTINE *** --
CHAR(5),
INOUT #ERRPOS
INTEGER ,
-- 01/01/11 :W_ID START
-- org IN #W_ID
SMALLINT ,
IN #W_ID
INTEGER ,
-- 01/01/11 :W_ID STOP
INOUT #C_ID
INTEGER ,
IN #O_CARRIER_ID
SMALLINT ,
IN #OL_DELIVERY_D
CHAR(14) ,
-- 000127 rep yam INOUT
#RESULT_JOIN VARCHAR(100)
OUT #RESULT_AI INTEGER
ARRAY(10)
-- INOUT #OL_TOTAL_1
INTEGER -- *** FOR ACID ROUTINE *** --
)
DELIVERY:BEGIN
-- DECLARE
DECLARE SQLSTATE CHAR(5)
DEFAULT '00000';
--fuyoh DECLARE SAPSTOP CHAR(1)
DEFAULT 'I' ;
DECLARE @OL_TOTAL INTEGER ;
--fuyoh DECLARE @DMY_W_ID
SMALLINT;
--fuyoh DECLARE @DMY_D_ID SMALLINT;
DECLARE @D_ID SMALLINT;
DECLARE @NO_O_ID INTEGER ;
-- DECLARE @OZAWK SMALLINT;
-- (3) ORDERS table cursor
DECLARE CDOS CURSOR FOR
SELECT O_C_ID
FROM TPCC_SCHEMA.ORDERS
WHERE O_W_ID = #W_ID
AND O_D_ID = @D_ID
AND O_ID = @NO_O_ID
FOR UPDATE;
-- SET @OZAWK = 1;
-- LOOP
SET @D_ID = 1;
DID10:LOOP
IF @D_ID > 10 THEN
GOTO NORMAL_END ;
END IF;
-- (1) NEWORDER NO_O_ID
--
WHENEVER SQLERROR
GOTO ERR_S_NO;
SELECT MIN(NO_O_ID)
INTO @NO_O_ID
FROM TPCC_SCHEMA.NEWORDER
WHERE NO_W_ID = #W_ID
AND NO_D_ID = @D_ID;
WHENEVER SQLERROR
CONTINUE;
IF SQLSTATE <> '00000'
OR @NO_O_ID IS NULL THEN
SET @NO_O_ID = 99999999 ;
GOTO NEXT_DID ;
END IF;
-- (2) NEW-ORDER @NO_O_ID
--
WHENEVER SQLERROR
GOTO ERR_D_NO;
WHENEVER NOT FOUND
GOTO ERR_D_NO;
DELETE FROM TPCC_SCHEMA.NEWORDER
WHERE NO_W_ID = #W_ID
AND NO_D_ID = @D_ID
AND NO_O_ID = @NO_O_ID ;
-- (5) ORDER-LINE OL_AMOUNT
WHENEVER SQLERROR
GOTO ERR_S_OL;
WHENEVER NOT FOUND
GOTO ERR_S_OL;
SELECT SUM(OL_AMOUNT)
INTO @OL_TOTAL
FROM TPCC_SCHEMA.ORDERLINE
WHERE OL_W_ID = #W_ID
AND OL_D_ID = @D_ID
AND OL_O_ID = @NO_O_ID
IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15);
--$$ AND OL_NUMBER = @OZAWK;
--$ -- if OL index exist
--$ WHERE OL_W_ID = #W_ID
--$ AND OL_D_ID = @D_ID
--$ AND OL_O_ID = @NO_O_ID;

```

```

-- ORDER-LINE
GOTO ERR_U_OL;      WHENEVER SQLERROR
                    WHENEVER NOT FOUND
GOTO ERR_U_OL;
  UPDATE TPCC_SCHEMA.ORDERLINE
    SET OL_DELIVERY_D =
#OL_DELIVERY_D
    WHERE OL_W_ID = #W_ID
      AND OL_D_ID = @D_ID
      AND OL_O_ID = @NO_O_ID
      AND OL_NUMBER
IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15);

--$ -- if OL index exist
--$   WHERE OL_W_ID = #W_ID
--$   AND OL_D_ID = @D_ID
--$   AND OL_O_ID = @NO_O_ID;

  -- (3) ORDER      @NO_O_ID
  --
                    WHENEVER SQLERROR
GOTO ERR_S_OR;      WHENEVER NOT FOUND
GOTO ERR_S_OR;
  OPEN CDOS;
  FETCH CDOS INTO #C_ID;
                    WHENEVER SQLERROR
CONTINUE;          WHENEVER NOT FOUND
CONTINUE;

  -- (4) ORDER
                    WHENEVER SQLERROR
GOTO ERR_U_OR;
  UPDATE TPCC_SCHEMA.ORDERS
    SET O_CARRIER_ID = #O_CARRIER_ID
      WHERE CURRENT OF CDOS;
                    WHENEVER SQLERROR
CONTINUE;
  CLOSE CDOS;

  -- (6)           Customer
                    WHENEVER SQLERROR
GOTO ERR_U_CM;      WHENEVER NOT FOUND
GOTO ERR_U_CM;
  UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = C_BALANCE +
@OL_TOTAL,
        C_DELIVERY_CNT = C_DELIVERY_CNT
+ 1
    WHERE C_W_ID = #W_ID
      AND C_D_ID = @D_ID
      AND C_ID = #C_ID;
                    WHENEVER SQLERROR
CONTINUE;          WHENEVER NOT FOUND
CONTINUE;
NEXT_DID:

  -- SET #RESULT_JOIN = #RESULT_JOIN
  -- || CAST(@NO_O_ID AS CHAR(9)) ||
SAPSTOP ;

-- -8< stored_array_try_yam koko_kara -8<
  SET #RESULT_AI(@D_ID) = @NO_O_ID;

-- -8< stored_array_try_yam koko_made -8<
  -- ACID
  -- IF @D_ID = 1 THEN      -- *** FOR
ACID ROUTINE *** --
  --   SET #OL_TOTAL_1 = @OL_TOTAL;  -- ***
FOR ACID ROUTINE *** --
  -- END IF;                -- *** FOR ACID
ROUTINE *** --

    SET @D_ID = @D_ID + 1;

    COMMIT WORK ;          -- *** FOR
MEASUREMENT *** --

  END LOOP DID10;
-- LOOP END

NORMAL_END:
  SET #STATE = '00000' ;
  LEAVE DELIVERY ;

--SQLERR:NOT_OUND:
ERR_S_OR:
  SET #ERRPOS = 207 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_S_OL:
  SET #ERRPOS = 208 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_S_NO:
  SET #ERRPOS = 209 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_U_CM:
  SET #ERRPOS = 305 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_U_OR:
  SET #ERRPOS = 307 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_U_OL:
  SET #ERRPOS = 308 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE DELIVERY ;
ERR_D_NO:
  SET #ERRPOS = 409 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;

END DELIVERY
END-EXEC;

===== Y_NORDER6.int_WID =====
-- /*****STORED
PROCEDURE*****/

-- /** Y_NORDER COPYRIGHT FUJITSU LIMITED
1997 **/
-- /** : **/
-- /** : **/
-- /** : SymfoWARE RDB TPC-C Benchmark
**/
-- /** : NewOrder **/
-- /** : 1996/10/12 **/
-- /** : 1997/03/13 Revision3.3 : Any
Error(Clause 2.3.6) **/
-- /** : 1999/05/27 S_JOIN,I_JOIN
**/
-- /** C-0002 2000/01/27 array K.Sugiyama
**/
-- /** C-0004 2000/05/30 array enhance
**/
-- /** 2001/01/11 W_ID (->INTEGER) :
**/
-- /** : **/
-- /** 2001/02/07 : **/
-- /** ACID : **/
-- /** : **/
-- /** : /ACID **/
-- /** ( **/
-- /** "-" ) **/
-- /** : **/
-- /** -- *** FOR MEASUREMENT *** --
**/
-- /** ==> **/
-- /** : **/
-- /** -- *** FOR ACID ROUTINE *** --
**/
-- /** ==> ACID **/
-- /** : **/
--
/*****/

EXEC SQL
CREATE PROCEDURE
TPCC_SCHEMA.Y_NORDER6( -- *** FOR
MEASUREMENT *** --
-- CREATE PROCEDURE
TPCC_SCHEMA.Y_NORDER_ACID( -- *** FOR
ACID ROUTINE *** --
OUT #STATE CHAR(5),
INOUT #ERRPOS
INTEGER,
-- 01/01/11 :W_ID START
-- org IN #W_ID
SMALLINT,
IN #W_ID INTEGER,
-- 01/01/11 :W_ID STOP
IN #D_ID SMALLINT,
IN #C_ID INTEGER,
INOUT #O_ALL_LOCAL
SMALLINT,
OUT #W_TAX
SMALLINT,
OUT #D_TAX
SMALLINT,
INOUT #O_ID
INTEGER,
IN #O_ENTRY_D
CHAR(14),
OUT #C_DISCOUNT
SMALLINT,

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CHAR(16),          OUT #C_LAST
                    OUT #C_CREDIT
CHAR(2),           INOUT #ITEM_NF_CTR
SMALLINT,
-- 01/02/07 :      START
-- org           INOUT #H_CNT
SMALLINT,
-- org           INOUT #R_CNT
SMALLINT,
                    IN #H_CNT     SMALLINT,
                    IN #R_CNT     SMALLINT,

-- 01/02/07 :      STOP
-- 000223 del yam koko kara      IN #OL_I_ID1
INTEGER,
                    IN #OL_I_ID2
INTEGER,
                    IN #OL_I_ID3
INTEGER,
                    IN #OL_I_ID4
INTEGER,
                    IN #OL_I_ID5
INTEGER,
                    IN #OL_I_ID6
INTEGER,
                    IN #OL_I_ID7
INTEGER,
                    IN #OL_I_ID8
INTEGER,
                    IN #OL_I_ID9
INTEGER,
                    IN #OL_I_ID10
INTEGER,
                    IN #OL_I_ID11
INTEGER,
                    IN #OL_I_ID12
INTEGER,
                    IN #OL_I_ID13
INTEGER,
                    IN #OL_I_ID14
INTEGER,
-- 000223 del yam koko made      IN
#OL_I_ID15    INTEGER,
                    IN #OL_I_ID_AI    INTEGER
ARRAY(15),
-- 000127 rep yam              IN #OL_I_ID_JOIN
VARCHAR(105),
                    IN #OL_I_AI    INTEGER
ARRAY(15),
-- 000127 rep yam              IN
#OL_QUANTITY_JOIN VARCHAR(60),
                    IN #OL_QUANTITY_AI
SMALLINT ARRAY(15),
-- C-0002 00/01/27 K.Sugiyama   INOUT #S_JOIN
VARCHAR(1215),
                    OUT #S_QUANTITY_AI
INTEGER ARRAY(15),
                    INOUT #S_DIST_AV
VARCHAR(24) ARRAY(15),
                    OUT #S_DATA_AV
VARCHAR(50) ARRAY(15),
-- 000127 rep yam              INOUT #I_JOIN
VARCHAR(1215),
                    INOUT #I_PRICEH_AI
SMALLINT ARRAY(15),
                    OUT #I_NAMEH_AV
VARCHAR(24) ARRAY(15),

                    OUT #I_DATAH_AV
VARCHAR(50) ARRAY(15),
-- C-0002 00/01/27 K.Sugiyama   IN
#OL_SUPPLY_W_JOIN VARCHAR(60)

-- 01/01/11 :W_ID    START
-- org           IN #OL_SUPPLY_W_AI
SMALLINT ARRAY(15)
                    IN #OL_SUPPLY_W_AI
INTEGER ARRAY(15),
-- 01/01/11 :W_ID    STOP

-- 01/02/07 :      START
                    IN #OL_NUMBER_AI
SMALLINT ARRAY(15)
-- 01/02/07 :      STOP
                    )
NEWORDER:BEGIN
-- DECLARE
    DECLARE SQLSTATE     CHAR(5)
    DEFAULT '00000';
--fuyoh  DECLARE SAPSTOP   CHAR(1)
    DEFAULT '?';
-- -8< stored_array_try_yam koko_kara -8<
    DECLARE FILL_DATA1   CHAR(24)
    DEFAULT '123456789012345678901234';
    DECLARE FILL_DATA2   CHAR(50)
    DEFAULT
    '12345678901234567890123456789012345678901234567890123
    4567890';
    DECLARE @OL_CNT      SMALLINT;

-- -8< stored_array_try_yam koko_made -8<
    DECLARE @OL_I_ID     INTEGER;

-- 01/01/11 :W_ID    START
-- org  DECLARE @OL_SUPPLY_W_ID SMALLINT;
    DECLARE @OL_SUPPLY_W_ID INTEGER;
-- 01/01/11 :W_ID    STOP

    DECLARE @OL_QUANTITY SMALLINT;
    DECLARE @S_QUANTITY  SMALLINT;
--    DECLARE @I_PRICEH   SMALLINT;
--    DECLARE @I_NAMEH   CHAR(24);
--    DECLARE @I_DATAH   CHAR(50);
--    DECLARE @S_DATA    CHAR(50);
    DECLARE @S_YTD       INTEGER;
    DECLARE @S_ORDER_CNT SMALLINT;
    DECLARE @S_REMOTE_CNT SMALLINT;
--fuyoh  DECLARE @D_NEXT_O_ID INTEGER;
--fuyoh  DECLARE @OL_NUMBER SMALLINT;
    DECLARE @STOCK_NUM_PLUS1 SMALLINT;
    DECLARE @MATCH_CNT_PLUS1 SMALLINT;
--    DECLARE @S_DIST    CHAR(24);
-- -8< stored_array_try_yam koko_kara -8<

--    DECLARE @S_DIST_01  CHAR(24);
--    DECLARE @S_DIST_02  CHAR(24);
--    DECLARE @S_DIST_03  CHAR(24);
--    DECLARE @S_DIST_04  CHAR(24);
--    DECLARE @S_DIST_05  CHAR(24);
--    DECLARE @S_DIST_06  CHAR(24);
--    DECLARE @S_DIST_07  CHAR(24);
--    DECLARE @S_DIST_08  CHAR(24);
--    DECLARE @S_DIST_09  CHAR(24);
--    DECLARE @S_DIST_10  CHAR(24);

--    DECLARE @S_DIST_JOIN CHAR(240);
--    DECLARE @S_DIST_AV   CHAR(24)
--    DECLARE @C_PRICEH     CHAR(6);
--    DECLARE @C_S_QUANTITY CHAR(6);
--    DECLARE @OL_AMOUNT   INTEGER;
--    DECLARE @O_OL_CNT    SMALLINT;
--    DECLARE @DIST_POS    SMALLINT;

-- (7) ITEM table sele(IN)
    DECLARE ITEM_H_CURSOR FOR
        SELECT I_PRICE,
                I_NAME,
                I_DATA,
                I_ID
        FROM TPCC_SCHEMA.ITEM
        WHERE TPCC_SCHEMA.ITEM.I_ID
-- 000223 rep yam koko kara      IN( #OL_I_ID1 ,
--                               #OL_I_ID2 ,
--                               #OL_I_ID3 ,
--                               #OL_I_ID4 ,
--                               #OL_I_ID5 ,
--                               #OL_I_ID6 ,
--                               #OL_I_ID7 ,
--                               #OL_I_ID8 ,
--                               #OL_I_ID9 ,
--                               #OL_I_ID10 ,
--                               #OL_I_ID11 ,
--                               #OL_I_ID12 ,
--                               #OL_I_ID13 ,
--                               #OL_I_ID14 ,
-- 000223 rep yam koko made      #OL_I_ID15 );
        IN( #OL_I_ID_AI( 1) ,
            #OL_I_ID_AI( 2) ,
            #OL_I_ID_AI( 3) ,
            #OL_I_ID_AI( 4) ,
            #OL_I_ID_AI( 5) ,
            #OL_I_ID_AI( 6) ,
            #OL_I_ID_AI( 7) ,
            #OL_I_ID_AI( 8) ,
            #OL_I_ID_AI( 9) ,
            #OL_I_ID_AI(10) ,
            #OL_I_ID_AI(11) ,
            #OL_I_ID_AI(12) ,
            #OL_I_ID_AI(13) ,
            #OL_I_ID_AI(14) ,
            #OL_I_ID_AI(15) );

-- (8) STOCK table select
    DECLARE CNSS_HOME_CURSOR FOR
        SELECT S_I_ID,S_QUANTITY,
                S_DIST_01,S_DIST_02,S_DIST_03,S_DI
        ST_04,S_DIST_05,
                S_DIST_06,S_DIST_07,S_DIST_08,S_DI
        ST_09,S_DIST_10,
                S_YTD,S_ORDER_CNT,S_REMOTE_CN
        T,S_DATA
        FROM TPCC_SCHEMA.STOCK
        WHERE S_W_ID = #W_ID
-- 000223 rep yam koko kara
--    AND S_I_ID IN( #OL_I_ID1 ,
--                  #OL_I_ID2 ,
--                  #OL_I_ID3 ,
--                  #OL_I_ID4 ,
--                  #OL_I_ID5 ,
--                  #OL_I_ID6 ,

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--          #OL_I_ID7 ,
--          #OL_I_ID8 ,
--          #OL_I_ID9 ,
--          #OL_I_ID10 ,
--          #OL_I_ID11 ,
--          #OL_I_ID12 ,
--          #OL_I_ID13 ,
--          #OL_I_ID14 ,
--          #OL_I_ID15 )
-- 000223 rep yam koko made
      AND S_I_ID IN( #OL_I_ID_AI( 1) ,
        #OL_I_ID_AI( 2) ,
        #OL_I_ID_AI( 3) ,
        #OL_I_ID_AI( 4) ,
        #OL_I_ID_AI( 5) ,
        #OL_I_ID_AI( 6) ,
        #OL_I_ID_AI( 7) ,
        #OL_I_ID_AI( 8) ,
        #OL_I_ID_AI( 9) ,
        #OL_I_ID_AI( 10) ,
        #OL_I_ID_AI( 11) ,
        #OL_I_ID_AI( 12) ,
        #OL_I_ID_AI( 13) ,
        #OL_I_ID_AI( 14) ,
        #OL_I_ID_AI( 15) )
      ORDER BY S_I_ID DESC
      FOR UPDATE ;

-- -8< stored_array_try_yam koko_kara -8<
-- SET @DIST_POS = 1+((#D_ID-1)*24);
-- -8< stored_array_try_yam koko_made -8<

      SET @O_OL_CNT = #H_CNT + #R_CNT ;
      SET #O_ALL_LOCAL = 1 ;

-- C-0004 START
      SET @STOCK_NUM_PLUS1 = 1 ;
      SET @MATCH_CNT_PLUS1 = 1 ;
-- C-0004 END

-- (4) CUSTOMER table select
      WHENEVER SQLERROR
GOTO ERR_S_CM;
      WHENEVER NOT FOUND
GOTO ERR_S_CM;
      SELECT C_LAST,C_CREDIT,C_DISCOUNT
      INTO #C_LAST,
        #C_CREDIT,
        #C_DISCOUNT
      FROM TPCC_SCHEMA.CUSTOMER
      WHERE C_W_ID = #W_ID
      AND C_D_ID = #D_ID
      AND C_ID = #C_ID;
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
      IF #H_CNT = 0 THEN
        GOTO OLCNT_R ;
      END IF;

-- HOME_PROC:
-- Home Warehouse PROCESS START
-- ( Warehouse id )
-- (7) ITEM table select
      WHENEVER SQLERROR
GOTO ERR_S_IT;
      WHENEVER NOT FOUND
GOTO ERR_S_IT;

      OPEN ITEM_H ;
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
-- LOOP
-- C-0004 SET @MATCH_TBL_CNT = 0 ;
      INCNT:LOOP
      WHENEVER SQLERROR
GOTO ERR_S_IT;
      WHENEVER NOT FOUND
GOTO L1;
      FETCH ITEM_H
      INTO @I_PRICEH,
        @I_NAMEH,
        @I_DATAH,
      INTO
      #I_PRICEH_AI( @MATCH_CNT_PLUS1 ) ,
        #I_NAMEH_AV( @MATCH_CNT_PLU
S1) ,
        #I_DATAH_AV( @MATCH_CNT_PLU
S1) ,
        @OL_I_ID;
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;

      SET @MATCH_CNT_PLUS1 =
@MATCH_CNT_PLUS1 + 1;

-- -8< stored_array_try_yam koko_kara -8<
-- SET @C_I_PRICEH = CAST(@I_PRICEH
AS CHAR(6)) ;
-- SET #I_JOIN = #I_JOIN ||
@C_I_PRICEH ||
        @I_NAMEH || @I_DATAH ||
SAPSTOP ;

-- -8< stored_array_try_yam koko_made -8< --
      END LOOP INCNT;
-- LOOP END
L1: IF @MATCH_CNT_PLUS1 <= #H_CNT THEN
-- -8< stored_array_try_yam koko_kara -8< --
-- -8< SET #ITEM_NF_CTR = -2 ;
-- -8< GOTO NORMAL_END ;

      SET @MATCH_CNT_PLUS1 = 1 ;
      GOTO OLCNT_R ;

-- -8< stored_array_try_yam koko_made -8< --
      END IF;

      CLOSE ITEM_H ;

-- (8) STOCK table select
-- (9) STOCK table update
      WHENEVER SQLERROR
GOTO ERR_S_ST;
      WHENEVER NOT FOUND
GOTO ERR_S_ST;
      OPEN CNSS_HOME ;
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
-- LOOP
--C-0004 SET @STOCK_NUM = 0;
      OLCNT:LOOP
      IF @STOCK_NUM_PLUS1 > #H_CNT THEN
        GOTO L3 ;
      END IF;

-- (8) STOCK table select
      WHENEVER SQLERROR
GOTO ERR_S_ST;
      WHENEVER NOT FOUND
GOTO L3 ;

      FETCH CNSS_HOME
      INTO @OL_I_ID,@S_QUANTITY,
-- -8< stored_array_try_yam koko_kara -8< --
--
@s_DIST_01,@S_DIST_02,@S_DIST_03,@S_DIST_
04,@S_DIST_05,
--
@s_DIST_06,@S_DIST_07,@S_DIST_08,@S_DIST_
09,@S_DIST_10,
@s_DIST_AV(1),@S_DIST_AV(2),@S_DIST_AV
(3),@S_DIST_AV(4),@S_DIST_AV(5),
@s_DIST_AV(6),@S_DIST_AV(7),@S_DIST_AV
(8),@S_DIST_AV(9),@S_DIST_AV(10),
-- -8< stored_array_try_yam koko_made -8< --
--
@s_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,@S
_DATA;
@s_YTD,@S_ORDER_CNT,@S_REMO
TE_CNT,#S_DATA_AV( @STOCK_NUM_PLUS1);
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
-- -8< stored_array_try_yam koko_kara -8< --
--
      SET @S_DIST_JOIN = @S_DIST_01
|| @S_DIST_02
|| @S_DIST_03
|| @S_DIST_04
|| @S_DIST_05
|| @S_DIST_06
|| @S_DIST_07
|| @S_DIST_08
|| @S_DIST_09
||
@s_DIST_10 ;
--
      SET @S_DIST =
SUBSTRING(@S_DIST_JOIN FROM @DIST_POS
FOR 24) ;
--
      SET @OL_QUANTITY =
CAST(SUBSTRING(#OL_QUANTITY_JOIN
FROM 1+(@STOCK_NUM * 4)
FOR 4)
AS SMALLINT) ;

      SET @OL_QUANTITY =
#OL_QUANTITY_AI( @STOCK_NUM_PLUS1 ) ;

-- -8< stored_array_try_yam koko_made -8<
--
      SET @S_QUANTITY = (@S_QUANTITY -
@OL_QUANTITY);

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IF @S_QUANTITY < 10 THEN
  SET @S_QUANTITY = @S_QUANTITY +
91 ;
END IF;

SET @S_YTD = @S_YTD +
@OL_QUANTITY;
SET @S_ORDER_CNT = @S_ORDER_CNT +
1;

-- (9) STOCK table update
WHENEVER SQLERROR
GOTO ERR_U_ST;
UPDATE TPCC_SCHEMA.STOCK
  SET S_QUANTITY = @S_QUANTITY,
      S_YTD = @S_YTD,
      S_ORDER_CNT = @S_ORDER_CNT,
      S_REMOTE_CNT = @S_REMOTE_CNT
  WHERE CURRENT OF CNSS_HOME ;
WHENEVER SQLERROR
CONTINUE;

-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_S_QUANTITY =
CAST(@S_QUANTITY AS CHAR(6)) ;
-- SET #S_JOIN = #S_JOIN ||
@C_S_QUANTITY ||
-- @S_DIST || @S_DATA ||
SAPSTOP;

SET
#S_QUANTITY_AI(@STOCK_NUM_PLUS1) =
@S_QUANTITY;
SET #S_DIST_AV(@STOCK_NUM_PLUS1)
= @S_DIST_AV(#D_ID);

-- C-0002 00/01/27 K.Sugiyama STOP
SET @STOCK_NUM_PLUS1 =
@STOCK_NUM_PLUS1 + 1;

END LOOP OLCNT;
-- LOOP END

L3: IF @STOCK_NUM_PLUS1 <= #H_CNT THEN
  GOTO ERR_S_ST_NF;
END IF;
CLOSE CNSS_HOME ;

-- Home Warehouse PROCESS END

IF #R_CNT = 0 THEN
  GOTO DISTRICT_PROC ;
END IF;

--REMORT_PROC:
-- Remote Warehouse process start
-- ( Warehouse)
-- LOOP
--C-0004 SET @MATCH_TBL_CNT = 0 ;
--C-0004 SET @STOCK_NUM = 0 ;

OLCNT_R:LOOP
-- n8 R1:
IF @STOCK_NUM_PLUS1 > @O_OL_CNT
THEN
  GOTO R3 ;
END IF;
-- -8< stored_array_try_yam koko_kara -8<
-- SET @OL_I_ID =
CAST(SUBSTRING(#OL_I_ID_JOIN
-- FROM 1+(@STOCK_NUM * 7)
FOR 7)
-- AS INTEGER) ;
SET @OL_I_ID =
#OL_I_AI(@STOCK_NUM_PLUS1);
-- -8< stored_array_try_yam koko_made -8<
-- C-0002 00/01/27 K.Sugiyama START
-- SET @OL_SUPPLY_W_ID =
CAST(SUBSTRING(#OL_SUPPLY_W_JOIN
-- FROM 1+(@STOCK_NUM * 4)
FOR 4)
-- AS SMALLINT) ;
SET @OL_SUPPLY_W_ID =
#OL_SUPPLY_W_AI(@STOCK_NUM_PLUS1);
-- C-0002 00/01/27 K.Sugiyama STOP

-- (7) ITEM table select
WHENEVER SQLERROR
GOTO ERR_S_IT ;
WHENEVER NOT FOUND
GOTO R4 ;

SELECT I_PRICE,I_NAME,I_DATA
-- INTO @I_PRICEH,
-- @I_NAMEH ,
-- @I_DATAH
INTO
#I_PRICEH_AI(@STOCK_NUM_PLUS1) ,
#I_NAMEH_AV(@STOCK_NUM_PLUS1
),
#I_DATAH_AV(@STOCK_NUM_PLUS1
)
FROM TPCC_SCHEMA.ITEM
WHERE I_ID = @OL_I_ID ;
WHENEVER SQLERROR
CONTINUE;
WHENEVER NOT FOUND
CONTINUE;

SET @MATCH_CNT_PLUS1 =
@MATCH_CNT_PLUS1 + 1 ;

-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_I_PRICEH = CAST(@I_PRICEH
AS CHAR(6)) ;
-- SET #I_JOIN = #I_JOIN ||
@C_I_PRICEH ||
-- @I_NAMEH || @I_DATAH ||
SAPSTOP ;
-- C-0002 00/01/27 K.Sugiyama END

-- (8) STOCK table select
WHENEVER SQLERROR
GOTO ERR_S_ST;
WHENEVER NOT FOUND
GOTO ERR_S_ST;

SELECT S_QUANTITY,
S_DIST_01,S_DIST_02,S_DIST_03,S_DIST
_04,S_DIST_05,
S_DIST_06,S_DIST_07,S_DIST_08,S_DIST
_09,S_DIST_10,
S_YTD,S_ORDER_CNT,S_REMOTE_CNT,
S_DATA
INTO @S_QUANTITY,
-- -8< stored_array_try_yam koko_kara -8< --
--
@S_DIST_01,@S_DIST_02,@S_DIST_03,@S_DIST_
04,@S_DIST_05,
--
@S_DIST_06,@S_DIST_07,@S_DIST_08,@S_DIST_
09,@S_DIST_10,
@S_DIST_AV(1),@S_DIST_AV(2),@S_DIST_AV
(3),@S_DIST_AV(4),@S_DIST_AV(5),
@S_DIST_AV(6),@S_DIST_AV(7),@S_DIST_AV
(8),@S_DIST_AV(9),@S_DIST_AV(10),
-- -8< stored_array_try_yam koko_made -8< --
--
@S_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,@S_
_DATA
@S_YTD,@S_ORDER_CNT,@S_REMOTE_
CNT,#S_DATA_AV(@STOCK_NUM_PLUS1)
FROM TPCC_SCHEMA.STOCK
WHERE S_W_ID = @OL_SUPPLY_W_ID
AND S_I_ID = @OL_I_ID ;
WHENEVER SQLERROR
CONTINUE;
WHENEVER NOT FOUND
CONTINUE;

-- -8< stored_array_try_yam koko_kara -8< --
-- SET @S_DIST_JOIN = @S_DIST_01
-- || @S_DIST_02
-- || @S_DIST_03
-- || @S_DIST_04
-- || @S_DIST_05
-- || @S_DIST_06
-- || @S_DIST_07
-- || @S_DIST_08
-- || @S_DIST_09
-- ||
@S_DIST_10 ;
-- SET @S_DIST =
SUBSTRING(@S_DIST_JOIN FROM @DIST_POS
FOR 24) ;
-- SET @OL_QUANTITY =
CAST(SUBSTRING(#OL_QUANTITY_JOIN
-- FROM
1+((@STOCK_NUM+#H_CNT) * 4) FOR 4)
-- AS SMALLINT) ;
SET @OL_QUANTITY =
#OL_QUANTITY_AI(@STOCK_NUM_PLUS1);
-- -8< stored_array_try_yam koko_made -8<
--
SET @S_QUANTITY = (@S_QUANTITY -
@OL_QUANTITY);
IF @S_QUANTITY < 10 THEN
  SET @S_QUANTITY = @S_QUANTITY +
91 ;
END IF;

SET @S_YTD = @S_YTD +
@OL_QUANTITY;
SET @S_ORDER_CNT = @S_ORDER_CNT +
1;

```

```

IF @OL_SUPPLY_W_ID <> #W_ID THEN
  SET @S_REMOTE_CNT =
@S_REMOTE_CNT + 1;
  SET #O_ALL_LOCAL = 0;
  END IF;

-- (9) STOCK table update
  WHENEVER SQLERRR
GOTO ERR_U_ST;
UPDATE TPCC_SCHEMA.STOCK
  SET S_QUANTITY = @S_QUANTITY,
  S_YTD = @S_YTD,
  S_ORDER_CNT = @S_ORDER_CNT,
  S_REMOTE_CNT = @S_REMOTE_CNT
WHERE S_W_ID = @OL_SUPPLY_W_ID
  AND S_I_ID = @OL_I_ID ;
  WHENEVER SQLERRR
CONTINUE;

-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_S_QUANTITY =
CAST(@S_QUANTITY AS CHAR(6)) ;
-- SET #S_JOIN = #S_JOIN ||
@C_S_QUANTITY ||
-- @S_DIST || @S_DATA ||
SAPSTOP ;

  SET
#S_QUANTITY_AI(@STOCK_NUM_PLUS1) =
@S_QUANTITY ;
  SET #S_DIST_AV(@STOCK_NUM_PLUS1)
= @S_DIST_AV(#D_ID) ;

-- C-0002 00/01/27 K.Sugiyama STOP

R2: SET @STOCK_NUM_PLUS1 =
@STOCK_NUM_PLUS1 + 1 ;

  END LOOP OLCNT_OLI;

-- LOOP END
R3: IF @MATCH_CNT_PLUS1 <= @O_OL_CNT
THEN
  SET #ITEM_NF_CTR =
@MATCH_CNT_PLUS1 ;
  END IF;

-- Remote Warehouse process end

DISTRICT_PROC:
-- (3) DISTRICT table update
  WHENEVER SQLERRR
GOTO ERR_U_DI;
  WHENEVER NOT FOUND
GOTO ERR_U_DI;
UPDATE TPCC_SCHEMA.DISTRICT
  SET D_NEXT_O_ID = D_NEXT_O_ID+1
WHERE D_W_ID = #W_ID
  AND D_ID = #D_ID ;
  WHENEVER SQLERRR
CONTINUE;
  WHENEVER NOT FOUND
CONTINUE;
-- (2) DISTRICT table select

SELECT D_NEXT_O_ID-1,D_TAX
  INTO #O_ID,#D_TAX
  FROM TPCC_SCHEMA.DISTRICT
WHERE D_W_ID = #W_ID
  AND D_ID = #D_ID ;

-- (6) ORDERS table insert
  WHENEVER SQLERRR
GOTO ERR_I_OR;
  WHENEVER NOT FOUND
GOTO ERR_I_OR;
INSERT INTO TPCC_SCHEMA.ORDERS
  VALUES (#O_ID,
  #D_ID,
  #W_ID,
  #C_ID,
  #O_ENTRY_D,
  NULL,
  @O_OL_CNT,
  #O_ALL_LOCAL);
  WHENEVER SQLERRR
CONTINUE;
  WHENEVER NOT FOUND
CONTINUE;
-- (5) NEWORDER table insert
  WHENEVER SQLERRR
GOTO ERR_I_NO;
  WHENEVER NOT FOUND
GOTO ERR_I_NO;
INSERT INTO TPCC_SCHEMA.NEWORDER
  VALUES (#O_ID,
  #D_ID,
  #W_ID);
  WHENEVER SQLERRR
CONTINUE;
  WHENEVER NOT FOUND
CONTINUE;
-- (1) WAREHOUSE table update
  WHENEVER SQLERRR
GOTO ERR_S_WH;
SELECT W_TAX
  INTO #W_TAX
  FROM TPCC_SCHEMA.WAREHOUSE
  WHERE W_ID=#W_ID ;
  WHENEVER SQLERRR
CONTINUE;

-- -8< stored_array_try_yam koko_kara -8<

-- (10) ORDERLINE table group_insert

-- LOOP
SET @OL_CNT = 1 ;
OLCNT_OLI:LOOP
  IF @OL_CNT > @O_OL_CNT THEN
    GOTO NORMAL_END_OLI ;
  END IF;
  IF #I_PRICEH_AI(@OL_CNT) = 0 THEN
    GOTO NEXT_OLI ;
  END IF;
  SET @OL_AMOUNT =
#OL_QUANTITY_AI(@OL_CNT)
#I_PRICEH_AI(@OL_CNT);
  WHENEVER SQLERRR
GOTO ERR_I_OL;
  WHENEVER NOT FOUND
GOTO ERR_I_OL;

  INSERT INTO TPCC_SCHEMA.ORDERLINE
(
  OL_O_ID ,
  OL_D_ID ,
  OL_W_ID ,
  OL_NUMBER ,
  OL_I_ID ,
  OL_SUPPLY_W_ID ,
  OL_QUANTITY ,
  OL_AMOUNT ,
  OL_DIST_INFO
)
VALUES (
  #O_ID ,
  #D_ID ,
  #W_ID ,
  @OL_CNT ,
  #OL_NUMBER_AI(@OL_CNT) ,
  @OL_I_AI(@OL_CNT) ,
  #OL_SUPPLY_W_AI(@OL_CNT) ,
  #OL_QUANTITY_AI(@OL_CNT) ,
  @OL_AMOUNT ,
  #S_DIST_AV(@OL_CNT)
);
  WHENEVER SQLERRR
CONTINUE;
  WHENEVER NOT FOUND
CONTINUE;
NEXT_OLI: SET @OL_CNT = @OL_CNT + 1;

  END LOOP OLCNT_OLI;
-- LOOP END

NORMAL_END_OLI:
-- -8< stored_array_try_yam koko_kara -8<

  IF #ITEM_NF_CTR = -1 THEN
    COMMIT WORK ; -- *** FOR
MEASUREMENT *** --
-- GOTO NORMAL_END; -- *** FOR ACID
ROUTINE *** --
  ELSE
    GOTO NOT_FOUND ;
  END IF;

-- -8< stored_array_try_yam koko_made -8<
-- NORMAL_END: -- *** FOR ACID
ROUTINE *** --
  SET #STATE = '00000' ;
  LEAVE NEWORDER ;

--
--
-- -8< stored_array_try_yam koko_kara -8<

R4:
-- SET #I_JOIN = #I_JOIN ||
-- '0' ||
-- '123456789012345678901234' ||
--
'123456789012345678901234567890123456789012345678901234567890' ||
-- SAPSTOP ;

  SET
#I_PRICEH_AI(@STOCK_NUM_PLUS1) = 0 ;

```



```

SET
#I_NAMEH_AV(@STOCK_NUM_PLUS1) =
FILL_DATA1;
SET
#I_DATAH_AV(@STOCK_NUM_PLUS1) =
FILL_DATA2;

-- SET #S_JOIN = #S_JOIN ||
--      '123456' ||
--      '123456789012345678901234' ||
--
'1234567890123456789012345678901234567890123456789012345678901234567890' ||
--      SAPSTOP;

SET
#S_QUANTITY_AI(@STOCK_NUM_PLUS1) =
123456;
SET #S_DIST_AV(@STOCK_NUM_PLUS1)
= FILL_DATA1;
SET
#S_DATA_AV(@STOCK_NUM_PLUS1) =
FILL_DATA2;

-- -8< stored_array_try_yam koko_made -8< --
--
GOTO R2;

-- -8< stored_array_try_yam koko_kara -8< --

--SQLERR:
NOT_FOUND:
SET #ERRPOS = 106 ;
SET #STATE = '00000';
ROLLBACK WORK ;
LEAVE NEWORDER ;

-- -8< stored_array_try_yam koko_made -8< --
ERR_I_OR:
SET #ERRPOS = 107 ;
SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
ROLLBACK WORK ;
-- -8< stored_array_try_yam koko_made -8< --

LEAVE NEWORDER ;
ERR_I_OL:
SET #ERRPOS = 108 ;
SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
ROLLBACK WORK ;
-- -8< stored_array_try_yam koko_made -8< --

LEAVE NEWORDER ;
ERR_I_NO:
SET #ERRPOS = 109 ;
SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
ROLLBACK WORK ;
-- -8< stored_array_try_yam koko_made -8< --

LEAVE NEWORDER ;
ERR_S_IT:
SET #ERRPOS = 201 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

```

```

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_S_WH:
SET #ERRPOS = 202 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_S_DI:
SET #ERRPOS = 203 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_S_ST:
SET #ERRPOS = 206 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_S_ST_NF:
SET #ERRPOS = 204 ;
SET #STATE = '02000';
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_S_CM:
SET #ERRPOS = 205 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_U_DI:
SET #ERRPOS = 303 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --
LEAVE NEWORDER ;
ERR_U_ST:
SET #ERRPOS = 304 ;
SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

ROLLBACK WORK ;

-- -8< stored_array_try_yam koko_made -8< --

END NEWORDER

```

```

END-EXEC;

===== Y_ODERSTAT.PS.ARRAY2.int_WID
=====

-- /*****STORED
PROCEDURE*****/
-- /** Y_ODERSTAT COPYRIGHT FUJITSU LIMITED
1997 ***/
-- /** : **/
-- /** : **/
-- /** : SymfoWARE RDB TPC-C Benchmark
**/
-- /** : Order-Status **/
-- /** : 1996/10/12 **/
-- /** : 1997/03/13 Revision3.3 : Any
Error(Clause 2.3.6) **/
-- /** : **/
-- /** : **/
-- /** ----- **/
-- /** C-0002 2000/01/27 K.Sugiyama ARRAY
**/
-- /** 2001/01/11 W_ID (->INTEGER)
**/
-- /** 2001/02/07 ACID **/
-- /** : **/
-- /** : /ACID **/
-- /** ( **/
-- /** "--" ) **/
-- /** -- *** FOR MEASUREMENT *** --
**/
-- /** ==> **/
-- /** -- *** FOR ACID ROUTINE *** --
**/
-- /** ==> ACID **/
-- /** **/
--
/*****
*****/

-- #OL_JOIN VARCHAR(570)
-- +-----+
-- |sqlen short |
-- +-----+
-- #OL_IDn CHAR(7) | |
-- +-----+
-- #OL_AMOUNTn CHAR(8) | |
-- +-----+
-- #OL_SUPPLY_W_IDn CHAR(4) | |
-- +-----+
-- #OL_QUANTITYn CHAR(4) | |
-- +-----+
-- #OL_DELIVERYn CHAR(14) | |
-- +-----+
-- | CHAR(1)"|" | |
-- +-----+
--
--
--
*****
EXEC SQL

```

```

CREATE PROCEDURE
TPCC_SCHEMA.Y_ORDERSTAT_PS_ARRAY -- ***
FOR MEASUREMENT *** --
-- CREATE PROCEDURE
TPCC_SCHEMA.Y_ORDERSTAT_ACID -- *** FOR
ACID ROUTINE *** --
    ( OUT #STATE      CHAR(5),
      INOUT #ERRPOS   INTEGER,
-- 01/01/11 :W_ID     START
-- org       IN #W_ID   SMALLINT,
            IN #W_ID   INTEGER,
-- 01/01/11 :W_ID     END
            IN #D_ID   SMALLINT,
            INOUT #C_ID INTEGER,
            OUT #C_FIRST CHAR(16),
            OUT #C_MIDDLE CHAR(2),
            INOUT #C_LAST CHAR(16),
            OUT #C_BALANCE DOUBLE
PRECISION,
            INOUT #O_ID   INTEGER,
            OUT #O_ENTRY_D CHAR(14),
            OUT #O_CARRIER_ID
SMALLINT,
            INOUT #O_OL_CNT
SMALLINT,
-- C-0002 00/01/27 K.Sugiyama START
--                               INOUT #OL_JOIN
VARCHAR(570)
            OUT #OL_I_ID_AI  INTEGER
ARRAY(15)
            ,OUT #OL_AMOUNT_AI
INTEGER ARRAY(15)
-- 01/01/11 :W_ID     START
-- org       ,OUT #OL_SUP_W_ID_AS
SMALLINT ARRAY(15)
            ,OUT #OL_SUP_W_ID_AS
INTEGER ARRAY(15)
-- 01/01/11 :W_ID     END
            ,OUT #OL_QUANTITY_AS
SMALLINT ARRAY(15)
            ,OUT #OL_DELIVERY_AV
VARCHAR(14) ARRAY(15)
-- C-0002 00/01/27 K.Sugiyama END
    )
ORDER_STATUS:BEGIN
-- DECLARE
    DECLARE SQLSTATE      CHAR(5)
DEFAULT '00000';
--fuyoh DECLARE SAPSTOP   CHAR(1)
DEFAULT '/';
    DECLARE DELIVERY_D    CHAR(14)
DEFAULT '77777777';
    DECLARE @OL_I_ID      INTEGER;
-- 01/01/11 :W_ID     START
--org DECLARE @OL_SUPPLY_W_ID SMALLINT;
    DECLARE @OL_SUPPLY_W_ID INTEGER;
-- 01/01/11 :W_ID     END
    DECLARE @OL_QUANTITY  SMALLINT;
    DECLARE @OL_AMOUNT    INTEGER;
    DECLARE @OL_DELIVERY_D CHAR(14);
    DECLARE @OL_NUMBER    INTEGER;
    DECLARE @NAMECOUNT   INTEGER;
    DECLARE @J             INTEGER;
    DECLARE @I             INTEGER;
--fuyoh DECLARE @WORK
VARCHAR(100);

-- DEFINE CUSTOMER table cursor
    DECLARE COCS CURSOR FOR
        SELECT C_ID,
              C_FIRST,
              C_MIDDLE,
              C_LAST,
              C_BALANCE
        FROM TPCC_SCHEMA.CUSTOMER
        WHERE C_LAST = #C_LAST
          AND C_W_ID = #W_ID
          AND C_D_ID = #D_ID
        ORDER BY C_FIRST;

        INTO #C_ID,
              #C_FIRST,
              #C_MIDDLE,
              #C_LAST,
              #C_BALANCE;
        WHENEVER SQLERROR
CONTINUE;
        WHENEVER NOT FOUND
CONTINUE;
        END LOOP NAMECNT;
        CLOSE COCS;
        ELSE
        GOTO ERR_S_CM_NAME ;
        END IF;

        ELSE
        -- Customer id Payment Transaction
        -- (2) CUSTOMER table select
        WHENEVER SQLERROR
GOTO ERR_S_CM;
        WHENEVER NOT FOUND
GOTO ERR_S_CM;
        SELECT
        C_FIRST,C_MIDDLE,C_LAST,C_BALANCE
        INTO #C_FIRST,
              #C_MIDDLE,
              #C_LAST,
              #C_BALANCE
        FROM TPCC_SCHEMA.CUSTOMER
        WHERE C_ID = #C_ID
          AND C_D_ID = #D_ID
          AND C_W_ID = #W_ID;
        WHENEVER SQLERROR
CONTINUE;
        WHENEVER NOT FOUND
CONTINUE;
        END IF;

-- (3) ORDER table select get max o_id record
        WHENEVER SQLERROR
GOTO ERR_S_OR;
        WHENEVER NOT FOUND
GOTO ERR_S_OR;
        SELECT O_ID,
              O_ENTRY_D,
              O_CARRIER_ID,
              O_OL_CNT
        INTO #O_ID,
              #O_ENTRY_D,
              #O_CARRIER_ID,
              #O_OL_CNT
        FROM TPCC_SCHEMA.ORDERS
        WHERE O_ID = (SELECT MAX(O_ID)
        FROM
TPCC_SCHEMA.ORDERS
        WHERE O_W_ID = #W_ID
          AND O_D_ID = #D_ID
          AND O_C_ID = #C_ID )
        AND O_W_ID = #W_ID
        AND O_D_ID = #D_ID
        AND O_C_ID = #C_ID;
        WHENEVER SQLERROR
GOTO ERR_S_OL;
        WHENEVER NOT FOUND
GOTO ERR_S_OL;
        OPEN COCS;
        WHENEVER SQLERROR
CONTINUE;
    
```

```

CONTINUE;
-- LOOP
SET @OL_NUMBER = 1;
OLCNT:LOOP
IF #O_OL_CNT < @OL_NUMBER THEN
  LEAVE OLCNT;
END IF;

-- (4) ORDER-LINE table select
WHENEVER SQLERROR
GOTO ERR_S_OL;
WHENEVER NOT FOUND
GOTO ERR_S_OL;
  FETCH COOLS
  INTO @OL_I_ID,
        @OL_SUPPLY_W_ID,
        @OL_DELIVERY_D,
        @OL_QUANTITY,
        @OL_AMOUNT;
WHENEVER SQLERROR
CONTINUE;
WHENEVER NOT FOUND
-- C-0002 2000/01/27 K.Sugiyama Try ARRAY
START
  IF @OL_DELIVERY_D IS NULL THEN
    SET #OL_I_ID_AI(@OL_NUMBER) =
    @OL_I_ID
    ;
    SET #OL_AMOUNT_AI(@OL_NUMBER)
    = @OL_AMOUNT
    ;
    SET #OL_SUP_W_ID_AS(@OL_NUMBER)
    = @OL_SUPPLY_W_ID
    ;
    SET #OL_QUANTITY_AS(@OL_NUMBER)
    = @OL_QUANTITY
    ;
    SET #OL_DELIVERY_AV(@OL_NUMBER)
    = DELIVERY_D
    ;
  ELSE
    SET #OL_I_ID_AI(@OL_NUMBER) =
    @OL_I_ID
    ;
    SET #OL_AMOUNT_AI(@OL_NUMBER)
    = @OL_AMOUNT
    ;
    SET #OL_SUP_W_ID_AS(@OL_NUMBER)
    = @OL_SUPPLY_W_ID
    ;
    SET #OL_QUANTITY_AS(@OL_NUMBER)
    = @OL_QUANTITY
    ;
    SET #OL_DELIVERY_AV(@OL_NUMBER)
    = @OL_DELIVERY_D
    ;
  END IF;
  IF @OL_DELIVERY_D IS NULL THEN
  SET @WORK = CAST(@OL_I_ID AS
CHAR(7))
  || CAST(@OL_AMOUNT AS
CHAR(8))
  || CAST(@OL_SUPPLY_W_ID AS
CHAR(4))
  || CAST(@OL_QUANTITY AS
CHAR(4))
  || DELIVERY_D || SAPSTOP ;
  ELSE
  SET @WORK = CAST(@OL_I_ID AS
CHAR(7))
  || CAST(@OL_AMOUNT AS
CHAR(8))
  || CAST(@OL_SUPPLY_W_ID AS
CHAR(4))
  || CAST(@OL_QUANTITY AS
CHAR(4))


```

```

CHAR(16),      OUT #C_FIRST
CHAR(2),      OUT #C_MIDDLE
CHAR(20),     INOUT #C_LAST
CHAR(16),     OUT #C_STREET_1
CHAR(20),     OUT #C_STREET_2
CHAR(20),     OUT #C_CITY
CHAR(20),     OUT #C_STATE
CHAR(2),      OUT #C_ZIP      CHAR(9),
              OUT #C_PHONE
CHAR(16),     INOUT #C_CREDIT
CHAR(2),      OUT #C_CREDIT_LIM
DECIMAL(12,0), --98.11.06
              OUT #C_DISCOUNT
SMALLINT,     OUT #C_BALANCE
DECIMAL(12,0), --98.11.06
              OUT #C_YTD_PAYMENT
DECIMAL(12,0), --98.11.06
              INOUT #C_PAYMENT_CNT
SMALLINT,     OUT #C_SINCE
CHAR(14),     INOUT #C_DATA
VARCHAR(500)
)

PAYMENT:BEGIN
-- DECLARE
  DECLARE @C_BALANCE
DECIMAL(12,0); --98.11.06 +oza
  DECLARE @C_YTD_PAYMENT
DECIMAL(12,0); --98.11.06 +oza
--  DECLARE @C_DATA
VARCHAR(500); --98.11.06 +oza
  DECLARE SQLSTATE CHAR(5)
DEFAULT '00000';
  DECLARE @CNT INTEGER;
  DECLARE @NAMECOUNT INTEGER;
  DECLARE @W_YTD DECIMAL(12,0); --
98.11.06
  DECLARE @D_YTD DECIMAL(12,0); --
98.11.06
  DECLARE @C_DATA474 CHAR(474); --
98.10.13 change
  DECLARE @H_DATA CHAR(24);
  DECLARE @H_AMOUNT DECIMAL(10,0);
--98.11.06 +oza

-- CUSTOMER
  DECLARE CPCS CURSOR FOR
  SELECT C_ID,
         C_FIRST,
         C_MIDDLE,
         C_LAST,
         C_STREET_1,
         C_STREET_2,
         C_CITY,
         C_STATE,
         C_ZIP,
         C_PHONE,
         C_SINCE,
         C_CREDIT,
         C_CREDIT_LIM,
         C_DISCOUNT,
         C_BALANCE,
         C_YTD_PAYMENT,
         C_PAYMENT_CNT
FROM TPCC_SCHEMA.CUSTOMER
WHERE C_LAST = #C_LAST
AND C_W_ID = #C_W_ID
AND C_D_ID = #C_D_ID
ORDER BY C_FIRST;

IF #C_ID = 0 THEN
  -- Customer Last Name process
  -- (5) CUSTOMER table select
  WHENEVER SQLERROR
GOTO ERR_S_CM;
  WHENEVER NOT FOUND
GOTO ERR_S_CM;
  SELECT COUNT(*) INTO @NAMECOUNT
  FROM TPCC_SCHEMA.CUSTOMER
  WHERE C_LAST = #C_LAST
  AND C_W_ID = #C_W_ID
  AND C_D_ID = #C_D_ID;
  WHENEVER SQLERROR
CONTINUE;
  WHENEVER NOT FOUND
CONTINUE;
  -- (6) CUSTOMER
  -- Customer Last Name C_FIRST
  -- NAMECOUNT/
  IF @NAMECOUNT > 0 THEN
    SET @CNT = @NAMECOUNT + 1;
    SET @CNT = @CNT / 2;
    SET @NAMECOUNT = @CNT ;
    WHENEVER SQLERROR
GOTO ERR_S_CM;
    WHENEVER NOT FOUND
GOTO ERR_S_CM;
    OPEN CPCS;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    SET @CNT = 0 ;
    WHILE @CNT < @NAMECOUNT DO
      SET @CNT = @CNT + 1;
      -- (6) CUSTOMER table
      WHENEVER SQLERROR
GOTO ERR_S_CM;
      WHENEVER NOT FOUND
GOTO ERR_S_CM;
      FETCH CPCS
      INTO #C_ID,
          #C_FIRST,
          #C_MIDDLE,
          #C_LAST,
          #C_STREET_1,
          #C_STREET_2,
          #C_CITY,
          #C_STATE,
          #C_ZIP,
          #C_PHONE,
          #C_SINCE,
          #C_CREDIT,
          #C_CREDIT_LIM,
          #C_DISCOUNT,
          @C_BALANCE,
          @C_YTD_PAYMENT,
          #C_PAYMENT_CNT
      FROM TPCC_SCHEMA.CUSTOMER
      WHERE C_W_ID = #C_W_ID
      AND C_D_ID = #C_D_ID
      AND C_ID = #C_ID;
      WHENEVER SQLERROR
CONTINUE;
      WHENEVER NOT FOUND
CONTINUE;
      END IF;
--
  SET @H_AMOUNT = #H_AMOUNT ;
  -- Customer #C_BALANCE
  -- Customer #C_YTD_PAYMENT
  -- Customer #C_PAYMENT_CNT

```

```

    SET @C_BALANCE = @C_BALANCE -
    @H_AMOUNT;
    SET @C_YTD_PAYMENT =
    @C_YTD_PAYMENT + @H_AMOUNT;
    SET #C_PAYMENT_CNT = #C_PAYMENT_CNT
    + 1
    ;

--(8) HISTORY table insert
IF #C_CREDIT = 'BC' THEN
    *****
    -- Bad Customer
    *****
    -- (8)BC-1 CUSTOMER table select
    WHENEVER SQLERROR
GOTO ERR_S_CM;
    WHENEVER NOT FOUND
GOTO ERR_S_CM;
    SELECT C_DATA
    INTO @C_DATA474
    FROM TPCC_SCHEMA.CUSTOMER
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    -- (8)BC-2 c_data
    SET #C_DATA = CAST(#C_ID AS
    CHAR(5))
    || CAST(#C_D_ID AS CHAR(2))
    || CAST(#C_W_ID AS CHAR(4)) --
98.10.13 change
    || CAST(#D_ID AS CHAR(2))
    || CAST(#W_ID AS CHAR(4)) --
98.10.13 change
    || CAST(#H_AMOUNT AS CHAR(7))
    || ' '
    || @C_DATA474;

    -- (8) BC-3 CUSTOMER table update
    WHENEVER SQLERROR
GOTO ERR_U_CM;
    WHENEVER NOT FOUND
GOTO ERR_U_CM;
    UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = @C_BALANCE,
    C_YTD_PAYMENT =
    @C_YTD_PAYMENT,
    C_PAYMENT_CNT =
    #C_PAYMENT_CNT,
    C_DATA = #C_DATA
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    ELSE
    *****
    -- Good Customer
    *****
    -- (8)GC-1 CUSTOMER table update
    WHENEVER SQLERROR
GOTO ERR_U_CM;
    WHENEVER NOT FOUND
GOTO ERR_U_CM;
    UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = @C_BALANCE,
    C_YTD_PAYMENT =
    @C_YTD_PAYMENT,
    C_PAYMENT_CNT =
    #C_PAYMENT_CNT
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    END IF;

-- (3) DISTRICT table select
    WHENEVER SQLERROR
GOTO ERR_S_DI;
    WHENEVER NOT FOUND
GOTO ERR_S_DI;
    SELECT D_NAME,
    D_STREET_1,
    D_STREET_2,
    D_CITY,
    D_STATE,
    D_ZIP,
    D_YTD
    INTO #D_NAME,
    #D_STREET_1,
    #D_STREET_2,
    #D_CITY,
    #D_STATE,
    #D_ZIP,
    @D_YTD
    FROM TPCC_SCHEMA.DISTRICT
    WHERE D_ID = #D_ID
    AND D_W_ID = #W_ID;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    -- (4) DISTRICT
    SET @D_YTD = @D_YTD + @H_AMOUNT;
    WHENEVER SQLERROR
GOTO ERR_U_DI;
    WHENEVER NOT FOUND
GOTO ERR_U_DI;
    UPDATE TPCC_SCHEMA.DISTRICT
    SET D_YTD = @D_YTD
    WHERE D_ID = #D_ID
    AND D_W_ID = #W_ID;
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    -- (1) WAREHOUSE
    WHENEVER SQLERROR
GOTO ERR_S_WH;
    SELECT W_NAME,
    W_STREET_1,
    W_STREET_2,
    W_CITY,
    W_STATE,
    W_ZIP,
    W_YTD
    INTO #W_NAME,
    #W_STREET_1,
    #W_STREET_2,
    #W_CITY,
    #W_STATE,
    #W_ZIP,
    @W_YTD
    FROM TPCC_SCHEMA.WAREHOUSE
    WHERE W_ID = #W_ID;
    WHENEVER SQLERROR
CONTINUE;
    -- (2) WAREHOUSE
    SET @W_YTD = @W_YTD + @H_AMOUNT;
    WHENEVER SQLERROR
GOTO ERR_U_WH;
    UPDATE TPCC_SCHEMA.WAREHOUSE
    SET W_YTD = @W_YTD
    WHERE W_ID = #W_ID;
    WHENEVER SQLERROR
CONTINUE;
    -- (9) HISTORY #H_DATA
    -- HISTORY
    SET @H_DATA = #W_NAME || ' ' ||
    #D_NAME;
    WHENEVER SQLERROR
GOTO ERR_I_HI;
    WHENEVER NOT FOUND
GOTO ERR_I_HI;
    INSERT
    INTO TPCC_SCHEMA.HISTORY
    (H_C_ID,
    H_C_D_ID,
    H_C_W_ID,
    H_D_ID,
    H_W_ID,
    H_DATE,
    H_AMOUNT,
    H_DATA)
    VALUES (#C_ID,
    #C_D_ID,
    #C_W_ID,
    #D_ID,
    #W_ID,
    #H_DATE,
    #H_AMOUNT,
    @H_DATA);
    WHENEVER SQLERROR
CONTINUE;
    WHENEVER NOT FOUND
CONTINUE;
    SET #C_BALANCE = @C_BALANCE;
    SET #C_YTD_PAYMENT =
    @C_YTD_PAYMENT;
    -- SET #C_DATA = @C_DATA;
    COMMIT WORK ; -- *** FOR
    MEASUREMENT *** --
    SET #STATE = '00000';
    LEAVE PAYMENT ;

--SQLERR:NOT_FOUND:
ERR_I_HI:
    SET #ERRPOS = 106 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_S_WH:
    SET #ERRPOS = 202 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_S_DI:
    SET #ERRPOS = 203 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;

```

```

LEAVE PAYMENT ;
ERR_S_CM_NAME:
  SET #ERRPOS = 205 ;
  SET #STATE = '02000';
  ROLLBACK WORK ;
  LEAVE PAYMENT ;
ERR_S_CM:
  SET #ERRPOS = 205 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE PAYMENT ;
ERR_U_WH:
  SET #ERRPOS = 302 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE PAYMENT ;
ERR_U_DI:
  SET #ERRPOS = 303 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;
  LEAVE PAYMENT ;
ERR_U_CM:
  SET #ERRPOS = 305 ;
  SET #STATE = SQLSTATE;
  ROLLBACK WORK ;

END PAYMENT
END-EXEC;

===== atmi.h =====

/* Copyright 1996 BEA Systems, Inc. */
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any */
/* actual or intended publication of such source
code. */

/*
 * Copyright * 1996 BEA Systems, Inc.
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 * Portions of this software Copyright * 1995 Novell, Inc.
 * All rights reserved
 *
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 * SOURCE CODE OF BEA Systems, Inc.
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 * evidence any actual or intended
 * publication of such source code.
 *
 * #ident "@(#)tuxedo:include/atmi.h 60.22"
 */

#ifndef ATMI_H
#define ATMI_H

#ifndef TMENV_H
#include <tmenv.h>
#endif
#ifndef NOWHAT
static char h_atmi[] = "@(#)tuxedo:include/atmi.h
60.22";
#endif

/*
 * DEFINITIONS NEEDED BY USER
APPLICATION PROGRAMS.
 *
 * Warning: This header file should not be changed
in any
 * way, doing so will destroy the compatibility with
TUXEDO programs
 * and libraries.
 */

/* Flags to service routines */
#define TPNOBLOCK 0x00000001 /* non-
blocking send/rcv */
#define TPSIGRSTRT 0x00000002 /* restart rcv
on interrupt */
#define TPNOREPLY 0x00000004 /* no reply
expected */
#define TPNOTRAN 0x00000008 /* not sent in
transaction mode */
#define TPTRAN 0x00000010 /* sent in
transaction mode */
#define TPNOTIME 0x00000020 /* no timeout
*/
#define TPABSOLUTE 0x00000040 /* absolute
value on tmsetprio */
#define TPGETANY 0x00000080 /* get any
valid reply */
#define TPNOCHANGE 0x00000100 /* force
incoming buffer to match */
#define RESERVED_BIT1 0x00000200 /*
reserved for future use */
#define TPCONV 0x00000400 /*
conversational service */
#define TPSENDONLY 0x00000800 /* send-only
mode */
#define TPRECVOONLY 0x00001000 /* recv-only
mode */
#define TPACK 0x00002000 /* */

/* Flags to tpreturn() */
#define TPFALL 0x00000001 /* service
FAILURE for tpreturn */
#define TPSUCCESS 0x00000002 /* service
SUCCESS for tpreturn */
#define TPEXIT 0x00800000 /* service
failure with server exit */

/* Flags to tpscm() - Valid TP_COMMIT_CONTROL
characteristic values */
#define TP_CMT_LOGGED 0x01 /* return
after commit decision is logged */
#define TP_CMT_COMPLETE 0x02 /*
return after commit has completed */

/* Flags to tpinit() */
#define TPU_MASK 0x00000007 /* unsolicited
notification mask */
#define TPU_SIG 0x00000001 /* signal
based notification */
#define TPU_DIP 0x00000002 /* dip-in
based notification */
#define TPU_IGN 0x00000004 /* ignore
unsolicited messages */

#define TPSA_FASTPATH 0x00000008 /*
System access == fastpath */
#define TPSA_PROTECTED 0x00000010 /*
System access == protected */

/* Flags to tpconvert() */
#define TPTOSTRING 0x40000000 /* Convert
structure to string */
#define TPCONVCLTID 0x00000001 /* Convert
CLIENTID */
#define TPCONVTRANID 0x00000002 /*
Convert TRANID */
#define TPCONVXID 0x00000004 /* Convert
XID */

#define TPCONVMAXSTR 256 /* Maximum
string size */

/* Return values to tpckauth() */
#define TPNOAUTH 0 /* no
authentication */
#define TPSYSAUTH 1 /* system
authentication */
#define TPAPPAUTH 2 /* system and
application authentication */

#ifndef MAXTIDENT
#define MAXTIDENT 30 /* max len of a/T
identifier */
#endif

/* client identifier structure */
struct clientid_t {
  long clientdata[4]; /* reserved for
internal use */
};
typedef struct clientid_t CLIENTID;

/* interface to service routines */
struct tpsvcinfo {
#define XATMI_SERVICE_NAME_LENGTH 32
  char
  name[XATMI_SERVICE_NAME_LENGTH];/*
service name invoked */
  long flags; /* describes service attributes
*/
  char *data; /* pointer to data */
  long len; /* request data length */
  int cd; /* reserved for future use */
  long appkey; /* application
authentication client key */
  CLIENTID cldid; /* client identifier for
originating client */
};
typedef struct tpsvcinfo TPSVCINFO;

/* X/Open buffer types */
#define X_OCTET "X_OCTET"
#define X_C_TYPE "X_C_TYPE"
#define X_COMMON "X_COMMON"

/* tpinit(3) interface structure */
struct tpinfo_t {
  char username[MAXTIDENT+2]; /* client user
name */
  char cldname[MAXTIDENT+2]; /* application
client name */
  char passwd[MAXTIDENT+2]; /* application
password */
  char grpname[MAXTIDENT+2]; /* client
group name */
  long flags; /* initialization flags */
}

```

```

    long datalen; /* length of app specific
data */
    long data; /* placeholder for app
data */
};
typedef struct tpinfo_t TPINIT;
#ifndef lint
#define TPINITNEED(u)((u > sizeof(long)) \
? (sizeof(TPINIT) - sizeof(long))
+ (u)) \
: (sizeof(TPINIT)))
#else
extern long TPINITNEED_((long));
#endif

/* TPTRANID structure for tpsuspend(3) and
tpresume(3) */
struct tp_tranid_t {
    long info[6];
};

typedef struct tp_tranid_t TPTRANID;

#if defined(__cplusplus)
extern "C" {
#endif

#if (defined(_TM_WIN) || defined(_TM_OS2))
&& !defined(_TMDLL)

extern int _TM_FAR * _TMDLLENTY
_tmget_tpermo_addr(void);
extern long _TM_FAR * _TMDLLENTY
_tmget_tpurcode_addr(void);
extern int _TMDLLENTY gettpermo(void);
extern long _TMDLLENTY gettpurcode(void);
#define tpermo (*_tmget_tpermo_addr())
#define tpurcode (*_tmget_tpurcode_addr())

#else
_TMITUXWSC extern _TM_THREADVAR int tpermo;
_TMITUXWSC extern _TM_THREADVAR long
tpurcode;
#endif

#if defined(__cplusplus)
}
#endif

/*
* tpermo values - error codes
* The man pages explain the context in which the
following error codes
* can return.
*/

#define TPMINVAL 0 /* minimum error
message */
#define TPEABORT 1
#define TPEBADDESC 2
#define TPEBLOCK 3
#define TPEINVAL 4
#define TPELIMIT 5
#define TPENOENT 6
#define TPEOS 7
#define TPEPERM 8
#define TPEPROTO 9
#define TPESVCERR 10
#define TPESVCFAIL 11

#define TPESYSTEM 12
#define TPETIME 13
#define TPETRAN 14
#define TPGOTSIG 15
#define TPERMERR 16
#define TPEITYPE 17
#define TPEOTYPE 18
#define TPERELEASE 19
#define TPEHAZARD 20
#define TPEHEURISTIC 21
#define TPEEVENT 22
#define TPEMATCH 23
#define TPEDIAGNOSTIC 24
#define TPEMIB 25
#define TPEMAXVAL 26 /* maximum error
message */

/*
* WARNING: when adding new error messages
above, remember to:
* - increase TPEMAXVAL
* - add a string for the message to LIBTUX.text
* - add an array entry in _tmmsgs[]
*/

#ifndef _as400
extern void _tmunsolerrhdlr_((char *, long, long));
#define TPUNSOLERR _tmunsolerrhdlr
#else
#define TPUNSOLERR ((void (_TMDLLENTY *)
_((char _TM_FAR *, long, long)))-1)
#endif

/* conversations - events */
#define TPEV_DISCONIMM 0x0001
#define TPEV_SVCERR 0x0002
#define TPEV_SVCFAIL 0x0004
#define TPEV_SVCSUCC 0x0008
#define TPEV_SENDFONLY 0x0020

#if defined(__cplusplus)
extern "C" {
#endif

extern char _TM_FAR * _TMDLLENTY tpalloc
_((char _TM_FAR *, char _TM_FAR *, long));
extern char _TM_FAR * _TMDLLENTY tprealloc
_((char _TM_FAR *, long));
extern int _TMDLLENTY tpcall_((char _TM_FAR *,
char _TM_FAR *, long, char _TM_FAR * _TM_FAR *,
long _TM_FAR *, long));
extern int _TMDLLENTY tpcall_((char _TM_FAR
*, char _TM_FAR *, long, long));
extern int _TMDLLENTY tpgetrply_((int _TM_FAR
*, char _TM_FAR * _TM_FAR *, long _TM_FAR *,
long));
extern int _TMDLLENTY tpcancel_((int));
extern int _TMDLLENTY tpscm_((long));
extern int _TMDLLENTY tpabort_((long));
extern int _TMDLLENTY tpbegin_((unsigned long,
long));
extern int _TMDLLENTY tpcommit_((long));
extern int _TMDLLENTY tpconvert_((char
_TM_FAR *, char _TM_FAR *, long));
extern int _TMDLLENTY tpsuspend_((TPTRANID
_TM_FAR *, long));
extern int _TMDLLENTY tpresume_((TPTRANID
_TM_FAR *, long));
extern int tpsvrit_((int, char **));

extern int _TMDLLENTY tpinit_((TPINIT _TM_FAR
*));
extern int _TMDLLENTY tpterm_((void));
extern int _TMDLLENTY tpsprio_((int, long));
extern int _TMDLLENTY tpgprio_((void));
extern int _TMDLLENTY tpopen_((void));
extern int _TMDLLENTY tpclose_((void));
extern int _TMDLLENTY tpgetlev_((void));
extern long _TMDLLENTY tptypes_((char _TM_FAR
*, char _TM_FAR *, char _TM_FAR *));
extern void _TMDLLENTY tpfree_((char _TM_FAR
*));
extern void _TMDLLENTY tpforward_((char *, char *,
long, long));
extern void _TMDLLENTY tpreturn_((int, long, char *,
long, long));
extern void tpsvrdone_((void));
extern int _TMDLLENTY tpchkauth_((void));
extern int _TMDLLENTY tpbroadcast_((char
_TM_FAR *, char _TM_FAR *, char _TM_FAR *, char
_TM_FAR *, long, long));
extern int _TMDLLENTY tpnotify_((CLIENTID
_TM_FAR *, char _TM_FAR *, long, long));
extern void (_TMDLLENTY * _TMDLLENTY
tpsetunsol_((void (_TMDLLENTY *) (char _TM_FAR *,
long, long)))_((char _TM_FAR *, long, long));
extern int _TMDLLENTY tpchkunsol_((void));
extern int _TMDLLENTY tpadvertise_((char *, void
(*) (TPSVCINFO *));
extern int _TMDLLENTY tpunadvertise_((char *));
extern char _TM_FAR * _TMDLLENTY tpsrerror
_((int));

/* conversations */
extern int _TMDLLENTY tpsend_((int, char
_TM_FAR *, long, long, long _TM_FAR *));
extern int _TMDLLENTY tprecv_((int, char
_TM_FAR * _TM_FAR *, long _TM_FAR *, long, long
_TM_FAR *));
extern int _TMDLLENTY tpconnect_((char
_TM_FAR *, char _TM_FAR *, long, long));
extern int _TMDLLENTY tpdiscn_((int));

/* /T Addition */
extern int _TMDLLENTY bq_((char _TM_FAR *));

/* AWS additions */

#if defined(_TM_WIN) || defined(_TM_OS2) ||
defined(WIN32)
typedef int (_TMDLLENTY * _TM_FARPROC)(void);
extern int _TMDLLENTY AEWisblocked_((void));
_TMDLLENTY _TMDLLENTY
AEWsetblockinghook_((TM_FARPROC));
extern int _TMDLLENTY AEPisblocked_((void));
_TMDLLENTY _TMDLLENTY
AEPsetblockinghook_((TM_FARPROC));
extern int _TMDLLENTY AEWsetunsol_((unsigned
int, unsigned int));
#endif

extern char _TM_FAR * _TMDLLENTY tuxgetenv
_((char _TM_FAR *));
extern int _TMDLLENTY tuxputenv_((char _TM_FAR
*));
extern int _TMDLLENTY tuxreadenv_((char
_TM_FAR *, char _TM_FAR *));

```

```

#if defined(__cplusplus)
}
#endif

#ifndef _QADDON
#define _QADDON

/* START QUEUED MESSAGES ADD-ON */

#define TMCORRIDLEN 32

#define TMQNAMELEN 15
#define TMMSGIDLEN 32
#define TMCORRIDLEN 32

struct tpqctl_t { /* control parameters to queue
primitives */
    long flags; /* indicates which of the values
are set */
    long deq_time; /* absolute/relative time
for dequeuing */
    long priority; /* enqueue priority */
    long diagnostic; /* indicates reason for failure */
    char msgid[TMMSGIDLEN]; /* id of message
before which to queue */
    char corrid[TMCORRIDLEN]; /* correlation id used
to identify message */
    char replyqueue[TMQNAMELEN+1]; /*
queue name for reply message */
    char failurequeue[TMQNAMELEN+1]; /* queue
name for failure message */
    CLIENTID cltid; /* client identifier for
originating client */
    long urcode; /* application user-return
code */
    long appkey; /* application
authentication client key */
};
typedef struct tpqctl_t TPQCTL;

/* structure elements that are valid - set in flags */
#ifndef TPNOFLAGS
#define TPNOFLAGS 0x00000
#endif
#define TPQCORRID 0x00001 /*
set/get correlation id */
#define TPQFAILUREQ 0x00002 /*
set/get failure queue */
#define TPQBEFOREMSGID 0x00004
/* enqueue before message id */
#define TPQGETBYMSGID 0x00008
/* dequeue by msgid */
#define TPQMSGID0x00010 /* get msgid
of enq/deq message */
#define TPQPRIORITY 0x00020 /*
set/get message priority */
#define TPQTOP 0x00040 /*
enqueue at queue top */
#define TPQWAIT 0x00080 /* wait
for dequeuing */
#define TPQREPLYQ 0x00100 /*
set/get reply queue */
#define TPQTIME_ABS 0x00200 /* set
absolute time */
#define TPQTIME_REL 0x00400 /* set
absolute time */
#define TPQGETBYCORRID 0x00800
/* dequeue by corrid */
#define TPQPEEK 0x01000 /*
peek */
#endif

#ifndef _TMDLLENTY
#define _TMDLLENTY
#endif

#ifndef _TM_FAR
#define _TM_FAR
#endif

#if defined(__cplusplus)
extern "C" {
#endif

extern int _TMDLLENTY tpenqueue_((char
_TM_FAR *qspace, char _TM_FAR *qname, TPQCTL
_TM_FAR *ctl, char _TM_FAR *data, long len, long
flags));
extern int _TMDLLENTY tpdequeue_((char
_TM_FAR *qspace, char _TM_FAR *qname, TPQCTL
_TM_FAR *ctl, char _TM_FAR * _TM_FAR *data, long
_TM_FAR *len, long flags));
#if defined(_TMPROTOTYPES)
&& !defined(_H_SYS_TIME)
&& !defined(_SYS_TIME_INCLUDED)
struct tm;
#endif
extern long _TMDLLENTY gp_mktime_((struct tm
_TM_FAR *));
#endif

/* THESE MUST MATCH THE DEFINITIONS IN qm.h */
#define QMEINVAL -1
#define QMEBADRMID -2
#define QMENOTOPEN -3
#define QMETRAN -4
#define QMEBADMSGID -5
#define QMESYSTEM -6
#define QMEIOS -7
#define QMEABORTED -8
#define QMENOTA QMEABORTED
#define QMEPROTO -9
#define QMEBADQUEUE -10
#define QMENOMSG -11
#define QMEINUSE -12
#define QMENOSPACE -13

/* END QUEUED MESSAGES ADD-ON */
#endif

/* START EVENT BROKER MESSAGES */
#define TPEVSERVICE 0x00000001
#define TPEVQUEUEUE 0x00000002
#define TPEVTRAN 0x00000004
#define TPEVPERSIST 0x00000008

/* Subscription Control structure */
struct tpevctl_t {
    long flags;
    char
name1[XATMI_SERVICE_NAME_LENGTH];
    char
name2[XATMI_SERVICE_NAME_LENGTH];
    TPQCTL qctl;
};
typedef struct tpevctl_t TPEVCTL;

/* Function prototypes */
#if defined(__cplusplus)
extern "C" {
#endif

extern long _TMDLLENTY tpsubscribe_((char
*eventexpr, char *filter, TPEVCTL *ctl, long flags));
extern int _TMDLLENTY tpunsubscribe_((long
subscription, long flags));
extern int _TMDLLENTY tppost_((char
*eventname, char *data, long len, long flags));

#if defined(__cplusplus)
}
#endif

/* END EVENT BROKER MESSAGES */

/*
* BEGIN buildserver section
*
* WARNING: Modification or use of these structures in
any way, may
* cause system failures. DO NOT USE!
*/

struct tmdsptchbl_t {
    char *svcname;
    char *funcname;
    void (*svfunc)_(TPSVCINFO *);
    TM32I index;
    char flag;
};

#define TMSRVRFFLAG_COBOL 0x00000001
struct tmsrvargs_t {
    struct xa_switch_t *xa_switch;
    struct tmdsptchbl_t *tmdsptchbl; /*
Created by buildserver */
    TM32U flags;
    /* Set by buildserver
*/
    int (*initfunc)_(int, char **); /* Consult your
Tuxedo documentation */
    void (*donefunc)_(void); /*
BEFORE modifying these values... */
    int (*runsvr)_(int); /*
reserved for system use - DO NOT USE */
    void (*reserved1)_(void); /*
reserved for system use - DO NOT USE */
    void (*reserved2)_(void); /*
reserved for system use - DO NOT USE */
    void (*reserved3)_(void); /*
reserved for system use - DO NOT USE */
    void (*reserved4)_(void); /*
reserved for system use - DO NOT USE */
};

#if defined(__cplusplus)
extern "C" {
#endif
extern void _TMDLLENTY _tmsetup_((int *argcp,
char **argv, struct tmsrvargs_t *tmsrvargs));
extern int _TMDLLENTY _tmstartserver_((int argc,
char **argv, struct tmsrvargs_t *tmsrvargs));
extern struct tmsrvargs_t *_tmgetsvargs_((void));
#if defined(__cplusplus)
}
#endif

```



```

/* END buildserver section */

#endif

===== bench1.h =====

/* bench1.h */

#define DIST_PER_WARE 10

EXEC SQL BEGIN DECLARE SECTION;
/* 01/02/19 S.Kashimoto:W_ID */
int w_id;
/* 01/02/19 S.kashimoto:W_ID */
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
long w_tax;
double w_ytd;

short d_id;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
long d_tax;
long d_ytd; /* add 96.8.13 */
long d_next_o_id;

/*short c_id;*/
/*int c_id; 960823*/
long c_id;
short c_d_id;
/* 01/02/19 S.Kashimoto:W_ID */
int c_w_id;
/* 01/02/19 S.Kashimoto:W_ID */
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
/*dttime_t c_since;*/
/*double c_since; 960821*/
/*char c_since[14]; 1997.01.27 */
char c_since[15];
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
double c_ytd_payment;
short c_payment_cnt;
/*long c_payment_cnt;*/
char c_data[501];

/*dttime_t h_date;*/
/*double h_date; 960821*/

```

```

/*char h_date[14]; 1997.01.27 */
char h_date[15];
long h_amount;
char h_data[25];

long no_o_id;

long o_id;
/*dttime_t o_entry_d;*/
/*double o_entry_d; 960821*/
/*char o_entry_d[14]; 1997.01.27 */
char o_entry_d[15]; /*dec 1997.01.27 */
short o_carrier_id;
short o_ol_cnt;
short o_all_local;

long ol_number;
long ol_i_id;
short ol_supply_w_id;
/*dttime_t ol_delivery_d;*/
/*double ol_delivery_d; 960821*/
/*char ol_delivery_d[14]; 1997.01.27 */
char ol_delivery_d[15];
short ol_quantity;
long ol_amount;
/*double ol_amount;*/
char ol_dist_info[25]; /* 1997.01.27 */

long s_quantity;
char s_dist_01[25]; /* 1997.01.27 */
char s_dist_02[25]; /* 1997.01.27 */
char s_dist_03[25]; /* 1997.01.27 */
char s_dist_04[25]; /* 1997.01.27 */
char s_dist_05[25]; /* 1997.01.27 */
char s_dist_06[25]; /* 1997.01.27 */
char s_dist_07[25]; /* 1997.01.27 */
char s_dist_08[25]; /* 1997.01.27 */
char s_dist_09[25]; /* 1997.01.27 */
char s_dist_10[25]; /* 1997.01.27 */
double s_ytd;
long s_order_cnt;
long s_remote_cnt;
char s_data[51];

/*long i_price[15]; */
/*char i_data[15][51]; */
/*char i_name[15][25]; */
long i_priceh;
char i_datah[51];
char i_nameh[25];

EXEC SQL END DECLARE SECTION;

===== bench2.h =====

/*
    bench2.h : Data structure for message
send/receive

    Version Beta 1995/02/24
    Version Beta2 1995/03/06
    Version Beta2a 1995/03/14
    Version Beta3 1995/03/23
    Version 1.0 1998/02/24 for Solaris 2.x
*/

```

```

*/

typedef struct {
    int tx_type;
    int C_R;

    int errorpos; /* 1997.03.13 */
    int sqlstate; /* 1997.03.13 */

    short w_id;

    short d_id;

    short o_carrier_id;

    long startsec;
    long startusec;
} delivery_trans;

typedef struct {
    int tx_type;
    int C_R;

    int errorpos; /* 1997.03.13 */
    int sqlstate; /* 1997.03.13 */

    long threshold;
    long low_stock;

    short w_id;

    short d_id;
} stocklvl_trans;

typedef struct {
    int tx_type;
    int C_R;

    int errorpos; /* 1997.03.13 */
    int sqlstate; /* 1997.03.13 */

    short w_id;
    char w_street_1[21];
    char w_street_2[21];
    char w_city[21];
    char w_state[3];
    char w_zip[10];

    short d_id;
    char d_street_1[21];
    char d_street_2[21];
    char d_city[21];
    char d_state[3];
    char d_zip[10];

/*
    short c_id;*/
    int c_id;
    short c_d_id;
    short c_w_id;
    char c_first[17];
    char c_middle[3];
    char c_last[17];
    char c_street_1[21];
    char c_street_2[21];
    char c_city[21];
    char c_state[3];
    char c_zip[10];

```

```

char c_zip[10];
char c_phone[17];
double c_since;
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
char c_data[501];

double h_date;
long h_amount;
} payment_trans;

typedef struct {
int tx_type;
int C_R;

int errorpos; /* 1997.03.13 */
int sqlstate; /* 1997.03.13 */

short w_id;

short d_id;

/* short c_id;*/
int c_id;
char c_first[17];
char c_middle[3];
char c_last[17];
double c_balance;
/*long c_balance;*/

long o_id;
double o_entry_d;
short o_carrier_id;
short o_ol_cnt;

long ol_i_id[15];
short ol_supply_w_id[15];
double ol_delivery_d[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/
} orderstat_trans;

typedef struct {
int tx_type;
int C_R;

int errorpos; /* 1997.03.13 */
int sqlstate; /* 1997.03.13 */

char brand_generic[15];
long i_price[15];
/*double i_price[15];*/
char i_name[15][25];
long total_amount;
/*double total_amount;*/

short w_id;
long w_tax;

short d_id;
long d_tax;

/* short c_id;*/
int c_id;
short c_d_id;
short c_w_id;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
double c_since;

short c_id;*/
int c_id;
char c_last[17];
char c_credit[3];
long c_discount;

long o_id;
double o_entry_d;
short o_ol_cnt;

long ol_i_id[15];
short ol_supply_w_id[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/

long s_quantity[15];
} neworder_trans;

#if 0
typedef struct {
int tx_type;
int C_R;
long threshold;
long low_stock;
char brand_generic[15];
long i_price[15];
/*double i_price[15];*/
char i_name[15][25];
long total_amount;
/*double total_amount;*/
double pl_delivery_d[15];

short w_id;
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
long w_tax;
double w_ytd;

short d_id;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
long d_tax;
long d_next_o_id;

/* short c_id;*/
int c_id;
short c_d_id;
short c_w_id;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
double c_since;

char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
double c_ytd_payment;
short c_payment_cnt;
/*long c_payment_cnt;*/
char c_data[501];

double h_date;
long h_amount;
char h_data[25];

long no_o_id;

long o_id;
double o_entry_d;
short o_carrier_id;
short o_ol_cnt;
short o_all_local;

long ol_number;
long ol_i_id[15];
short ol_supply_w_id[15];
double ol_delivery_d[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/
char ol_dist_info[24];

long s_quantity[15];
char s_dist_01[24];
char s_dist_02[24];
char s_dist_03[24];
char s_dist_04[24];
char s_dist_05[24];
char s_dist_06[24];
char s_dist_07[24];
char s_dist_08[24];
char s_dist_09[24];
char s_dist_10[24];
double s_ytd;
long s_order_cnt;
long s_remote_cnt;
char s_data[51];
} trans_buf;

main()
{
printf( "%d %d %d %d %d %d\n",
sizeof( delivery_trans ),
sizeof( stocklvl_trans ),
sizeof( payment_trans ),
sizeof( orderstat_trans ),
sizeof( neworder_trans ),
sizeof( trans_buf ) );
return 0;
}

#endif

===== fldtbl.h =====

```

```

/* fname flidid */
/* ---- */
#define FML_TERM ((FLDID)8193) /*
number: 1 type: long */
#define FML_TRAN((FLDID)8194) /* number: 2
type: long */
#define FML_DATA((FLDID)49155) /* number: 3
type: carray */

===== fml.h =====

/* Copyright 1996 BEA Systems, Inc. */
/* THIS IS UNPUBLISHED PROPRIETARY
SOURCE CODE OF */
/* BEA Systems, Inc. */
/* The copyright notice above does not evidence
any */
/* actual or intended publication of such source
code. */

/* Copyright (c) 1984 AT&T; 1991 USL
All rights reserved

*/
#ifndef FML_H
#define FML_H

/* #ident "@(#)fml:libfml/fml.h 60.9" */
#ifndef TMENV_H
#include <tmenv.h>
#endif
#ifndef NOWHAT
static char h_fml[] = "@(#)fml:libfml/fml.h 60.9";
#endif

/*
* DEFINITIONS NEEDED BY USER
APPLICATION PROGRAMS.
*
* Warning: This header file should not be changed
in any
* way; doing so will destroy the compatibility with
TUXEDO programs
* and libraries.
*/

/*
* ----- Definitions and Macros -----
*/

#define MAXFBLEN 0xffc /* Maximum FBFR
length */

#ifndef FML32_H
#define FSTDXTINT 16 /* Default indexing
interval */
#define FMAXNULLSIZE 2660
#define FVIEWCACHESIZE 128
#define FVIEWNAMESIZE 33

/* operations presented to _Fmodidx function */
#define FADD 1
#define FLMOD2
#define FDEL 3

/* Flag options used in Fvstof() */
#define F_OFFSET 1
#define F_SIZE 2
#define F_PROP 4 /* P */
#define F_FTOS 8 /* S */
#define F_STOF 16 /* F */
#define F_BOTH (F_STOF | F_FTOS) /* S,F
*/
#define F_OFF 0 /* Z */
#define F_LENGTH 32 /* L */
#define F_COUNT 64 /* C */
#define F_NONE 128 /* NONE flag
for null value */

/* These are used in Fstof() */
#define FUPDATE 1
#define FCONCAT 2
#define FJOIN 3
#define FOJOIN 4

/* field types */
#define FLD_SHORT 0 /* short int */
#define FLD_LONG 1 /* long int */
#define FLD_CHAR 2 /* character */
#define FLD_FLOAT 3 /* single-precision float */
#define FLD_DOUBLE 4 /* double-precision float
*/
#define FLD_STRING 5 /* string - null terminated
*/
#define FLD_CARRAY 6 /* character array */

/* invalid field id - returned from functions where field id
not found */
#define BADFLDID (FLDID)0
/* define an invalid field id used for first call to Fnext */
#define FIRSTFLDID (FLDID)0

#endif /* FML32_H */

/* Field Error Codes - these correspond to the error
messages in
* F_error.c - make sure to update the
error
* message list if a new error is added
*/
#ifndef FML32_H
#define FMINVAL 0 /* bottom of error
message codes */
#define FALIGNERR 1 /* fielded buffer not
aligned */
#define FNOTFLD 2 /* buffer not fielded */
#define FNOSPACE 3 /* no space in fielded
buffer */
#define FNOTPRES 4 /* field not present */
#define FBADFLD 5 /* unknown field number
or type */
#define FTYPERR 6 /* illegal field type */
#define FEUNIX 7 /* unix system call error
*/
#define FBADNAME 8 /* unknown field name */
#define FMALLO 9 /* malloc failed */
#define FSYNTAX 10 /* bad syntax in boolean
expression */
#define FFTOPEN 11 /* cannot find or open
field table */
#define FFTSYNTAX 12 /* syntax error in
field table */
#define FEINVAL 13 /* invalid argument to
function */
#define FBADTBL 14 /* destructive concurrent
access to field
table */
#define FBADVIEW 15 /* cannot find or get view
*/
#define FVFSYNTAX 16 /* bad viewfile */
#define FVFOPEN 17 /* cannot find or open
viewfile */
#define FBADACM 18 /* ACM contains
negative value */
#define FNOCNAME 19 /* cname not found */
#define FMAXVAL 20 /* top of error message
codes */
#endif /* FML32_H */

/*
* ----- Type Definitions -----
*/

/* another typedef of FLDID/FLDLLEN exists in
tuxedo/include/tmbase.h */
#ifndef _FLDID
#define _FLDID
typedef unsigned short FLDID;
typedef unsigned short FLDLEN;
typedef int FLDOCC;
#endif
typedef struct Fbfr FBFR;

/*
* ----- External declarations -----
*/
#if defined(__cplusplus)
extern "C" {
#endif
_TMIFML extern char *Femsgs[];

#if defined(_TMDOWN) && !(defined(WIN32)
&& !defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for globals and
functions */
#define Fread(A,B) FMLread(A,B)
#define Fwrite(A,B) FMLwrite(A,B)
#endif

#if (defined(_TM_WIN) || defined(_TM_OS2) ||
(defined(WIN32) && defined(_TM_OLDNTWS)))
&& !defined(_TMDLL)

extern int _TM_FAR * _TMDLLENTRY
_Fget_Ferror_addr(void);
extern int _TMDLLENTRY getFerror(void);

#define Ferror (*_Fget_Ferror_addr())
#else
#if defined(_TMDOWN) && !(defined(WIN32)
&& !defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for Ferror */
#define Ferror FMLerror
extern _TM_THREADVAR int FMLerror;
#else
_TMIFML extern int Ferror;
#endif
#endif

#if defined(__cplusplus)
}

```

```

}
#endif

#ifdef TMPROTOTYPES
#include <stdio.h>
#endif

#ifdef __cplusplus
extern "C" {
#endif

#ifdef _TMDOWN && !(defined(WIN32)
&& !defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for and functions
*/
extern int _TMDLLENTY FMLread__((FBFR
_TM_FAR *, FILE _TM_FAR *));
extern int _TMDLLENTY FMLwrite__((FBFR
_TM_FAR *, FILE _TM_FAR *));
#else
extern int _TMDLLENTY Fread__((FBFR *, FILE *));
extern int _TMDLLENTY Fwrite__((FBFR *, FILE *));
#endif

extern int _TMDLLENTY CFadd__((FBFR _TM_FAR *,
FLDID, char _TM_FAR *, FLDLEN , int));
extern int _TMDLLENTY CFchg__((FBFR _TM_FAR *,
FLDID, FLD OCC , char _TM_FAR *, FLDLEN , int ));
extern char _TM_FAR * _TMDLLENTY CFfind
__((FBFR _TM_FAR *, FLDID, FLD OCC , FLDLEN
_TM_FAR *, int));
extern FLD OCC _TMDLLENTY CFfindocc ((FBFR
_TM_FAR *, FLDID, char _TM_FAR *, FLDLEN , int ));
extern int _TMDLLENTY CFget ((FBFR _TM_FAR *,
FLDID, FLD OCC , char _TM_FAR *, FLDLEN
_TM_FAR *, int ));
extern char _TM_FAR * _TMDLLENTY CFgetalloc
__((FBFR _TM_FAR *, FLDID, FLD OCC , int , FLDLEN
_TM_FAR *));
extern void _TMDLLENTY F_error ((char *));
extern int _TMDLLENTY Fappend ((FBFR
_TM_FAR *, FLDID, char _TM_FAR *, FLDLEN));
extern int _TMDLLENTY Fadd ((FBFR _TM_FAR *,
FLDID, char _TM_FAR *, FLDLEN));
extern FBFR _TM_FAR * _TMDLLENTY Falloc
__((FLD OCC , FLDLEN));
extern FBFR _TM_FAR * _TMDLLENTY Frealloc
__((FBFR _TM_FAR *, FLD OCC , FLDLEN));
extern int _TMDLLENTY Ffree ((FBFR _TM_FAR
*));
extern int _TMDLLENTY Fboolev ((FBFR _TM_FAR
*, char _TM_FAR *));
extern int _TMDLLENTY Fvboolev ((char _TM_FAR
*, char _TM_FAR *, char _TM_FAR *));
extern double _TMDLLENTY Ffloatv ((FBFR
_TM_FAR *, char _TM_FAR *));
extern double _TMDLLENTY Fvfloatv ((char
_TM_FAR *, char _TM_FAR *, char _TM_FAR *));
extern void _TMDLLENTY Fboolpr ((char _TM_FAR
*, FILE _TM_FAR *));
extern int _TMDLLENTY Fvboolpr ((char _TM_FAR
*, FILE _TM_FAR *, char _TM_FAR *));
extern int _TMDLLENTY Fchg ((FBFR _TM_FAR *,
FLDID, FLD OCC , char _TM_FAR *, FLDLEN));
extern long _TMDLLENTY Fchksum ((FBFR
_TM_FAR *));
extern int _TMDLLENTY Fcmp ((FBFR _TM_FAR *,
FBFR _TM_FAR *));
extern int _TMDLLENTY Fconcat ((FBFR _TM_FAR
*, FBFR _TM_FAR *));
extern int _TMDLLENTY Fcpy ((FBFR _TM_FAR
*, FBFR _TM_FAR *));
extern int _TMDLLENTY Fdelall ((FBFR _TM_FAR *,
FLDID));
extern int _TMDLLENTY Fdelete ((FBFR _TM_FAR
*, FLDID _TM_FAR *));
extern int _TMDLLENTY Fextread ((FBFR
_TM_FAR *, FILE _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffind ((FBFR
_TM_FAR *, FLDID, FLD OCC , FLDLEN _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fvals
__((FBFR _TM_FAR *, FLDID , FLD OCC ));
extern long _TMDLLENTY Fvall ((FBFR _TM_FAR *,
FLDID , FLD OCC ));
extern FLD OCC _TMDLLENTY Ffindocc ((FBFR
_TM_FAR *, FLDID , char _TM_FAR *, FLDLEN ));
extern int _TMDLLENTY Fget ((FBFR _TM_FAR *,
FLDID , FLD OCC , char _TM_FAR *, FLDLEN
_TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fgetalloc
__((FBFR _TM_FAR *, FLDID , FLD OCC , FLDLEN
_TM_FAR *));
extern int _TMDLLENTY Fldtype ((FLDID));
extern FLD OCC _TMDLLENTY Fldno ((FLDID));
extern int _TMDLLENTY Flded ((FBFR _TM_FAR
*));
extern long _TMDLLENTY Fneeded ((FLD OCC ,
FLDLEN));
extern long _TMDLLENTY Fused ((FBFR _TM_FAR
*));
extern long _TMDLLENTY Fidxused ((FBFR
_TM_FAR *));
extern long _TMDLLENTY Funused ((FBFR
_TM_FAR *));
extern long _TMDLLENTY Fsizeof ((FBFR
_TM_FAR *));
extern FLDID _TMDLLENTY Fmkfldid ((int ,
FLDID));
extern FLDLEN _TMDLLENTY Fldlen ((char
_TM_FAR *, FLDLEN _TM_FAR *, FLDLEN _TM_FAR
*));
extern FLD OCC _TMDLLENTY Funindex ((FBFR
_TM_FAR *));
extern int _TMDLLENTY Frstrindex ((FBFR
_TM_FAR *, FLD OCC ));
extern int _TMDLLENTY Findex ((FBFR _TM_FAR *,
FLD OCC ));
extern int _TMDLLENTY Finit ((FBFR _TM_FAR *,
FLDLEN));
extern int _TMDLLENTY Fjoin ((FBFR _TM_FAR *,
FBFR _TM_FAR *));
extern int _TMDLLENTY Fjoin ((FBFR _TM_FAR *,
FBFR _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffindlast
__((FBFR _TM_FAR *, FLDID, FLD OCC _TM_FAR *,
FLDLEN _TM_FAR *));
extern int _TMDLLENTY Fgetlast ((FBFR _TM_FAR
*, FLDID , FLD OCC _TM_FAR *, char _TM_FAR *,
FLDLEN _TM_FAR *));
extern int _TMDLLENTY Flen ((FBFR _TM_FAR *,
FLDID , FLD OCC ));
extern int _TMDLLENTY Fmove ((char _TM_FAR *,
FBFR _TM_FAR *));
extern int _TMDLLENTY Fnext ((FBFR _TM_FAR *,
FLDID _TM_FAR *, FLD OCC _TM_FAR *, char
_TM_FAR *, FLDLEN _TM_FAR *));
extern FLDID _TMDLLENTY Fldid ((char _TM_FAR
*));
extern char _TM_FAR * _TMDLLENTY Fname
__((FLDID));
extern char _TM_FAR * _TMDLLENTY Ftype
__((FLDID));
extern void _TMDLLENTY Fnmid_unload ((void));
extern void _TMDLLENTY Fidnm_unload ((void));
extern FLD OCC _TMDLLENTY Fnum ((FBFR
_TM_FAR *));
extern FLD OCC _TMDLLENTY Foccur ((FBFR
_TM_FAR *, FLDID ));
extern int _TMDLLENTY Fprint ((FBFR *));
extern int _TMDLLENTY Ffprintf ((FBFR _TM_FAR *,
FILE _TM_FAR *));
extern int _TMDLLENTY Fproj ((FBFR _TM_FAR *,
FLDID _TM_FAR *));
extern int _TMDLLENTY Fprojcpy ((FBFR
_TM_FAR *, FBFR _TM_FAR *, FLDID _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ftypcvt
__((FLDLEN _TM_FAR *, int , char _TM_FAR *, int ,
FLDLEN ));
extern int _TMDLLENTY Fupdate ((FBFR _TM_FAR
*, FBFR _TM_FAR *));
extern int _TMDLLENTY Fvopt ((char _TM_FAR *,
int , char _TM_FAR *));
extern int _TMDLLENTY Fvsinit ((char _TM_FAR *,
char _TM_FAR *));
extern int _TMDLLENTY Fvnull ((char _TM_FAR *,
char _TM_FAR *, FLD OCC , char _TM_FAR *));
extern int _TMDLLENTY Fvselinit ((char _TM_FAR *,
char _TM_FAR *, char _TM_FAR *));
extern int _TMDLLENTY Fvftos ((FBFR _TM_FAR *,
char _TM_FAR *, char _TM_FAR *));
extern int _TMDLLENTY Fvstof ((FBFR _TM_FAR *,
char _TM_FAR *, int , char _TM_FAR *));
extern void _TMDLLENTY Fvrefresh ((void));
extern char _TM_FAR * _TMDLLENTY Fboolco
__((char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fvboolco
__((char _TM_FAR *, char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fstrerror
__((int));
extern long _TMDLLENTY Fvtos ((char _TM_FAR
*cstruct, char _TM_FAR *trecord, char _TM_FAR
*viewname));
extern long _TMDLLENTY Fvstot ((char _TM_FAR
*cstruct, char _TM_FAR *trecord, long treclen, char
_TM_FAR *viewname));
extern int _TMDLLENTY Fcodeset ((unsigned char
_TM_FAR *codeset));

/* from libtux */
extern int _TMDLLENTY maskprt ((FBFR
_TM_FAR *));
/* from cmdmes */
extern FBFR *do_form ((char *, FBFR **));

#ifdef FML32_H
extern int _TMDLLENTY F16to32 ((FBFR32
_TM_FAR *dbfr, FBFR _TM_FAR *sbf));
extern int _TMDLLENTY F32to16 ((FBFR _TM_FAR
*dbfr, FBFR32 _TM_FAR *sbf));
#endif

/* former macro definitions */
extern int _TMDLLENTY Fdel ((FBFR _TM_FAR *,
FLDID, FLD OCC));

```

```

extern int _TMDLLENTY Fpres_((FBFR _TM_FAR *,
FLDID, FLDOCC));
extern int _TMDLLENTY Fadds_((FBFR _TM_FAR *,
FLDID, char _TM_FAR *));
extern int _TMDLLENTY Fchgs_((FBFR _TM_FAR *,
FLDID, FLDOCC, char _TM_FAR *));
extern int _TMDLLENTY Fgets_((FBFR _TM_FAR *,
FLDID, FLDOCC, char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fgets_a
_((FBFR _TM_FAR *, FLDID, FLDOCC, FLDLEN
_TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffinds
_((FBFR _TM_FAR *, FLDID, FLDOCC));

#if defined(__cplusplus)
}
#endif

/* typed-buffer types */
#define FMLTYPE "FML"
#define VIEWTYPE "VIEW"

#endif

===== stored.h =====

/*****STORED
PROCEDURE*****/
/** stored.h COPYRIGHT FUJITSU LIMITED 1997
**/
/** : **/
/** : **/
/** :SymfoWARE RDB TPC-C Benchmark
**/
/** : SQL declare section for stored proceduer call
**/
/** :1996/09/06 **/
/** 1997/03/13 Revision3.3 : Any Error(Clause
2.3.6) **/
/** 2000/05/31 array enhance **/
/** 2001/01/11 W_ID (->INTEGER) :
**/
/** 2001/02/07 : **/
/*****

EXEC SQL BEGIN DECLARE SECTION;
char state[6];
char sqlmsg[257];
short sqlmsg_ind;
int errorpos;
short errorpos_ind; /* 1997.03.13 */

short w_name_ind;
short w_street_1_ind;
short w_street_2_ind;
short w_city_ind;
short w_state_ind;
short w_zip_ind;
short w_tax_ind;

short d_id_ind;
short d_name_ind;
short d_street_1_ind;
short d_street_2_ind;
short d_city_ind;
short d_state_ind;

short d_zip_ind;
short d_tax_ind;

short c_id_ind;
short c_first_ind;
short c_middle_ind;
short c_last_ind;
short c_street_1_ind;
short c_street_2_ind;
short c_city_ind;
short c_state_ind;
short c_zip_ind;
short c_phone_ind;
short c_credit_ind;
short c_credit_lim_ind;
short c_discount_ind;
short c_balance_ind;
short c_ytd_payment_ind;
short c_payment_cnt_ind;
short c_since_ind;
varchar c_datax[501];
short c_data_ind ;

short o_id_ind;
short o_entry_d_ind;
short o_carrier_id_ind;
short o_all_local_ind;

short no_o_id_ind;
/* -8< stored_array_try_yam koko_kara -8< */
#if 0

long ol_i_id1;
long ol_i_id2;
long ol_i_id3;
long ol_i_id4;
long ol_i_id5;
long ol_i_id6;
long ol_i_id7;
long ol_i_id8;
long ol_i_id9;
long ol_i_id10;
long ol_i_id11;
long ol_i_id12;
long ol_i_id13;
long ol_i_id14;
long ol_i_id15;
short ol_i_id1_ind;
short ol_i_id2_ind;
short ol_i_id3_ind;
short ol_i_id4_ind;
short ol_i_id5_ind;
short ol_i_id6_ind;
short ol_i_id7_ind;
short ol_i_id8_ind;
short ol_i_id9_ind;
short ol_i_id10_ind;
short ol_i_id11_ind;
short ol_i_id12_ind;
short ol_i_id13_ind;
short ol_i_id14_ind;
short ol_i_id15_ind;
short ol_supply_w_id1;
short ol_supply_w_id2;
short ol_supply_w_id3;
short ol_supply_w_id4;
short ol_supply_w_id5;
short ol_supply_w_id6;
short ol_supply_w_id7;

short ol_supply_w_id8;
short ol_supply_w_id9;
short ol_supply_w_id10;
short ol_supply_w_id11;
short ol_supply_w_id12;
short ol_supply_w_id13;
short ol_supply_w_id14;
short ol_supply_w_id15;
short ol_supply_w_id1_ind;
short ol_supply_w_id2_ind;
short ol_supply_w_id3_ind;
short ol_supply_w_id4_ind;
short ol_supply_w_id5_ind;
short ol_supply_w_id6_ind;
short ol_supply_w_id7_ind;
short ol_supply_w_id8_ind;
short ol_supply_w_id9_ind;
short ol_supply_w_id10_ind;
short ol_supply_w_id11_ind;
short ol_supply_w_id12_ind;
short ol_supply_w_id13_ind;
short ol_supply_w_id14_ind;
short ol_supply_w_id15_ind;
short ol_quantity1;
short ol_quantity2;
short ol_quantity3;
short ol_quantity4;
short ol_quantity5;
short ol_quantity6;
short ol_quantity7;
short ol_quantity8;
short ol_quantity9;
short ol_quantity10;
short ol_quantity11;
short ol_quantity12;
short ol_quantity13;
short ol_quantity14;
short ol_quantity15;
short ol_quantity1_ind;
short ol_quantity2_ind;
short ol_quantity3_ind;
short ol_quantity4_ind;
short ol_quantity5_ind;
short ol_quantity6_ind;
short ol_quantity7_ind;
short ol_quantity8_ind;
short ol_quantity9_ind;
short ol_quantity10_ind;
short ol_quantity11_ind;
short ol_quantity12_ind;
short ol_quantity13_ind;
short ol_quantity14_ind;
short ol_quantity15_ind;
int ol_amount1;
int ol_amount2;
int ol_amount3;
int ol_amount4;
int ol_amount5;
int ol_amount6;
int ol_amount7;
int ol_amount8;
int ol_amount9;
int ol_amount10;
int ol_amount11;
int ol_amount12;
int ol_amount13;
int ol_amount14;
int ol_amount15;
short ol_amount1_ind;

```

```

short ol_amount2_ind;
short ol_amount3_ind;
short ol_amount4_ind;
short ol_amount5_ind;
short ol_amount6_ind;
short ol_amount7_ind;
short ol_amount8_ind;
short ol_amount9_ind;
short ol_amount10_ind;
short ol_amount11_ind;
short ol_amount12_ind;
short ol_amount13_ind;
short ol_amount14_ind;
short ol_amount15_ind;
char ol_delivery_d1[14];
char ol_delivery_d2[14];
char ol_delivery_d3[14];
char ol_delivery_d4[14];
char ol_delivery_d5[14];
char ol_delivery_d6[14];
char ol_delivery_d7[14];
char ol_delivery_d8[14];
char ol_delivery_d9[14];
char ol_delivery_d10[14];
char ol_delivery_d11[14];
char ol_delivery_d12[14];
char ol_delivery_d13[14];
char ol_delivery_d14[14];
char ol_delivery_d15[14];
short ol_delivery_d1_ind;
short ol_delivery_d2_ind;
short ol_delivery_d3_ind;
short ol_delivery_d4_ind;
short ol_delivery_d5_ind;
short ol_delivery_d6_ind;
short ol_delivery_d7_ind;
short ol_delivery_d8_ind;
short ol_delivery_d9_ind;
short ol_delivery_d10_ind;
short ol_delivery_d11_ind;
short ol_delivery_d12_ind;
short ol_delivery_d13_ind;
short ol_delivery_d14_ind;
short ol_delivery_d15_ind;
long s_quantity1;
long s_quantity2;
long s_quantity3;
long s_quantity4;
long s_quantity5;
long s_quantity6;
long s_quantity7;
long s_quantity8;
long s_quantity9;
long s_quantity10;
long s_quantity11;
long s_quantity12;
long s_quantity13;
long s_quantity14;
long s_quantity15;
short s_quantity1_ind;
short s_quantity2_ind;
short s_quantity3_ind;
short s_quantity4_ind;
short s_quantity5_ind;
short s_quantity6_ind;
short s_quantity7_ind;
short s_quantity8_ind;
short s_quantity9_ind;
short s_quantity10_ind;

```

```

short s_quantity11_ind;
short s_quantity12_ind;
short s_quantity13_ind;
short s_quantity14_ind;
short s_quantity15_ind;
char s_dist1[25];
char s_dist2[25];
char s_dist3[25];
char s_dist4[25];
char s_dist5[25];
char s_dist6[25];
char s_dist7[25];
char s_dist8[25];
char s_dist9[25];
char s_dist10[25];
char s_dist11[25];
char s_dist12[25];
char s_dist13[25];
char s_dist14[25];
char s_dist15[25];
short s_dist1_ind;
short s_dist2_ind;
short s_dist3_ind;
short s_dist4_ind;
short s_dist5_ind;
short s_dist6_ind;
short s_dist7_ind;
short s_dist8_ind;
short s_dist9_ind;
short s_dist10_ind;
short s_dist11_ind;
short s_dist12_ind;
short s_dist13_ind;
short s_dist14_ind;
short s_dist15_ind;
long i_priceh1;
long i_priceh2;
long i_priceh3;
long i_priceh4;
long i_priceh5;
long i_priceh6;
long i_priceh7;
long i_priceh8;
long i_priceh9;
long i_priceh10;
long i_priceh11;
long i_priceh12;
long i_priceh13;
long i_priceh14;
long i_priceh15;
short i_priceh1_ind;
short i_priceh2_ind;
short i_priceh3_ind;
short i_priceh4_ind;
short i_priceh5_ind;
short i_priceh6_ind;
short i_priceh7_ind;
short i_priceh8_ind;
short i_priceh9_ind;
short i_priceh10_ind;
short i_priceh11_ind;
short i_priceh12_ind;
short i_priceh13_ind;
short i_priceh14_ind;
short i_priceh15_ind;
char i_nameh1[25];
char i_nameh2[25];
char i_nameh3[25];
char i_nameh4[25];

```

```

char i_nameh5[25];
char i_nameh6[25];
char i_nameh7[25];
char i_nameh8[25];
char i_nameh9[25];
char i_nameh10[25];
char i_nameh11[25];
char i_nameh12[25];
char i_nameh13[25];
char i_nameh14[25];
char i_nameh15[25];
short i_nameh1_ind;
short i_nameh2_ind;
short i_nameh3_ind;
short i_nameh4_ind;
short i_nameh5_ind;
short i_nameh6_ind;
short i_nameh7_ind;
short i_nameh8_ind;
short i_nameh9_ind;
short i_nameh10_ind;
short i_nameh11_ind;
short i_nameh12_ind;
short i_nameh13_ind;
short i_nameh14_ind;
short i_nameh15_ind;
char i_datah1[51];
char i_datah2[51];
char i_datah3[51];
char i_datah4[51];
char i_datah5[51];
char i_datah6[51];
char i_datah7[51];
char i_datah8[51];
char i_datah9[51];
char i_datah10[51];
char i_datah11[51];
char i_datah12[51];
char i_datah13[51];
char i_datah14[51];
char i_datah15[51];
short i_datah1_ind;
short i_datah2_ind;
short i_datah3_ind;
short i_datah4_ind;
short i_datah5_ind;
short i_datah6_ind;
short i_datah7_ind;
short i_datah8_ind;
short i_datah9_ind;
short i_datah10_ind;
short i_datah11_ind;
short i_datah12_ind;
short i_datah13_ind;
short i_datah14_ind;
short i_datah15_ind;
int result_o_id1;
int result_o_id2;
int result_o_id3;
int result_o_id4;
int result_o_id5;
int result_o_id6;
int result_o_id7;
int result_o_id8;
int result_o_id9;
int result_o_id10;
int result_o_id11;
int result_o_id12;
int result_o_id13;

```

```

int      result_o_id14;
int      result_o_id15;
short    result_o_id1_ind;
short    result_o_id2_ind;
short    result_o_id3_ind;
short    result_o_id4_ind;
short    result_o_id5_ind;
short    result_o_id6_ind;
short    result_o_id7_ind;
short    result_o_id8_ind;
short    result_o_id9_ind;
short    result_o_id10_ind;
short    result_o_id11_ind;
short    result_o_id12_ind;
short    result_o_id13_ind;
short    result_o_id14_ind;
short    result_o_id15_ind;

#endif
/* -8< stored_array_try_yam koko_made -8< */
short    notfound;
short    notfound_ind;
short    item_notfound;
short    item_notfound_ind;
short    low_stock_ind;
EXEC SQL END DECLARE SECTION;

/* -8< stored_array_try_yam koko_kara -8< */
#if 0

long     *ol_i_id_str[] = { (long *)&ol_i_id1 ,
                          (long *)&ol_i_id2 ,
                          (long *)&ol_i_id3 ,
                          (long *)&ol_i_id4 ,
                          (long *)&ol_i_id5 ,
                          (long *)&ol_i_id6 ,
                          (long *)&ol_i_id7 ,
                          (long *)&ol_i_id8 ,
                          (long *)&ol_i_id9 ,
                          (long *)&ol_i_id10 ,
                          (long *)&ol_i_id11 ,
                          (long *)&ol_i_id12 ,
                          (long *)&ol_i_id13 ,
                          (long *)&ol_i_id14 ,
                          (long *)&ol_i_id15 ,
                          NULL};

short    *ol_supply_w_id_str[] = { (short
*)&ol_supply_w_id1 ,
                          (short *)&ol_supply_w_id2 ,
                          (short *)&ol_supply_w_id3 ,
                          (short *)&ol_supply_w_id4 ,
                          (short *)&ol_supply_w_id5 ,
                          (short *)&ol_supply_w_id6 ,
                          (short *)&ol_supply_w_id7 ,
                          (short *)&ol_supply_w_id8 ,
                          (short *)&ol_supply_w_id9 ,
                          (short *)&ol_supply_w_id10 ,
                          (short *)&ol_supply_w_id11 ,
                          (short *)&ol_supply_w_id12 ,
                          (short *)&ol_supply_w_id13 ,
                          (short *)&ol_supply_w_id14 ,
                          (short *)&ol_supply_w_id15 ,
                          NULL};

short    *ol_quantity_str[] = { (short *)&ol_quantity1 ,
                          (short *)&ol_quantity2 ,
                          (short *)&ol_quantity3 ,
                          (short *)&ol_quantity4 ,
                          (short *)&ol_quantity5 ,
                          (short *)&ol_quantity6 ,
                          (short *)&ol_quantity7 ,
                          (short *)&ol_quantity8 ,
                          (short *)&ol_quantity9 ,
                          (short *)&ol_quantity10 ,
                          (short *)&ol_quantity11 ,
                          (short *)&ol_quantity12 ,
                          (short *)&ol_quantity13 ,
                          (short *)&ol_quantity14 ,
                          (short *)&ol_quantity15 ,
                          NULL};

int      *ol_amount_str[] = { (int *)&ol_amount1 ,
                          (int *)&ol_amount2 ,
                          (int *)&ol_amount3 ,
                          (int *)&ol_amount4 ,
                          (int *)&ol_amount5 ,
                          (int *)&ol_amount6 ,
                          (int *)&ol_amount7 ,
                          (int *)&ol_amount8 ,
                          (int *)&ol_amount9 ,
                          (int *)&ol_amount10 ,
                          (int *)&ol_amount11 ,
                          (int *)&ol_amount12 ,
                          (int *)&ol_amount13 ,
                          (int *)&ol_amount14 ,
                          (int *)&ol_amount15 ,
                          NULL};

char     *ol_delivery_d_str[] = { (char
*)&(ol_delivery_d1[0]),
                          (char *)&ol_delivery_d2 ,
                          (char *)&ol_delivery_d3 ,
                          (char *)&ol_delivery_d4 ,
                          (char *)&ol_delivery_d5 ,
                          (char *)&ol_delivery_d6 ,
                          (char *)&ol_delivery_d7 ,
                          (char *)&ol_delivery_d8 ,
                          (char *)&ol_delivery_d9 ,
                          (char *)&ol_delivery_d10 ,
                          (char *)&ol_delivery_d11 ,
                          (char *)&ol_delivery_d12 ,
                          (char *)&ol_delivery_d13 ,
                          (char *)&ol_delivery_d14 ,
                          (char *)&ol_delivery_d15 ,
                          NULL};

long     *s_quantity_str[] = { (long *)&s_quantity1 ,
                          (long *)&s_quantity2 ,
                          (long *)&s_quantity3 ,
                          (long *)&s_quantity4 ,
                          (long *)&s_quantity5 ,
                          (long *)&s_quantity6 ,
                          (long *)&s_quantity7 ,
                          (long *)&s_quantity8 ,
                          (long *)&s_quantity9 ,
                          (long *)&s_quantity10 ,
                          (long *)&s_quantity11 ,
                          (long *)&s_quantity12 ,
                          (long *)&s_quantity13 ,
                          (long *)&s_quantity14 ,
                          (long *)&s_quantity15 ,
                          NULL};

char     *s_dist_str[] = { (char *)&(s_dist1[0]) ,
                          (char *)&s_dist2 ,
                          (char *)&s_dist3 ,
                          (char *)&s_dist4 ,
                          (char *)&s_dist5 ,
                          (char *)&s_dist6 ,
                          (char *)&s_dist7 ,
                          (char *)&s_dist8 ,
                          (char *)&s_dist9 ,
                          (char *)&s_dist10 ,
                          (char *)&s_dist11 ,
                          (char *)&s_dist12 ,
                          (char *)&s_dist13 ,
                          (char *)&s_dist14 ,
                          (char *)&s_dist15 ,
                          NULL};

long     *i_priceh_str[] = { (long *)&i_priceh1 ,
                          (long *)&i_priceh2 ,
                          (long *)&i_priceh3 ,
                          (long *)&i_priceh4 ,
                          (long *)&i_priceh5 ,
                          (long *)&i_priceh6 ,
                          (long *)&i_priceh7 ,
                          (long *)&i_priceh8 ,
                          (long *)&i_priceh9 ,
                          (long *)&i_priceh10 ,
                          (long *)&i_priceh11 ,
                          (long *)&i_priceh12 ,
                          (long *)&i_priceh13 ,
                          (long *)&i_priceh14 ,
                          (long *)&i_priceh15 ,
                          NULL};

char     *i_nameh_str[] = { (char *)&(i_nameh1[0]) ,
                          (char *)&i_nameh2 ,
                          (char *)&i_nameh3 ,
                          (char *)&i_nameh4 ,
                          (char *)&i_nameh5 ,
                          (char *)&i_nameh6 ,
                          (char *)&i_nameh7 ,
                          (char *)&i_nameh8 ,
                          (char *)&i_nameh9 ,
                          (char *)&i_nameh10 ,
                          (char *)&i_nameh11 ,
                          (char *)&i_nameh12 ,
                          (char *)&i_nameh13 ,
                          (char *)&i_nameh14 ,
                          (char *)&i_nameh15 ,
                          NULL};

char     *i_datah_str[] = { (char *)&(i_datah1[0]) ,
                          (char *)&i_datah2 ,
                          (char *)&i_datah3 ,
                          (char *)&i_datah4 ,
                          (char *)&i_datah5 ,
                          (char *)&i_datah6 ,
                          (char *)&i_datah7 ,
                          (char *)&i_datah8 ,
                          (char *)&i_datah9 ,
                          (char *)&i_datah10 ,
                          (char *)&i_datah11 ,
                          (char *)&i_datah12 ,
                          (char *)&i_datah13 ,
                          (char *)&i_datah14 ,
                          (char *)&i_datah15 ,
                          NULL};

int      *result_o_id_str[] = { (int *)&result_o_id1 ,
                          (int *)&result_o_id2 ,
                          (int *)&result_o_id3 ,
                          (int *)&result_o_id4 ,
                          (int *)&result_o_id5 ,
                          (int *)&result_o_id6 ,
                          (int *)&result_o_id7 ,
                          (int *)&result_o_id8 ,
                          (int *)&result_o_id9 ,
                          (int *)&result_o_id10 ,
                          (int *)&result_o_id11 ,
                          (int *)&result_o_id12 ,
                          (int *)&result_o_id13 ,
                          (int *)&result_o_id14 ,
                          (int *)&result_o_id15 ,
                          NULL};

```

```

NULL);

#endif
/* -8< stored_array_try_yam koko_made -8< */
/*-----*/
/* stored2.h : sql declare section for */
/* stored proceduer call */
/* */
/* 1996.10.01 s.sato */
/*-----*/
EXEC SQL BEGIN DECLARE SECTION ;

/* C-0002 00/01/27 K.Sugiyama START */

/* varchar s_join[1216] ; */ /* 1997.01.16 */
/* short s_join_ind ; */
long s_quantity_ai ARRAY(15);
short s_quantity_ai_ind ARRAY(15);
varchar s_dist_av[24] ARRAY(15);
short s_dist_av_ind ARRAY(15);
varchar s_data_av[50] ARRAY(15);
short s_data_av_ind ARRAY(15);

/* C-0002 00/01/27 K.Sugiyama END */
/* -8< stored_array_try_yam koko_kara -8< */

/* varchar i_join[1216] ; */ /* 1997.01.16 */
/* short i_join_ind ; */
short i_price_ai ARRAY(15);
short i_price_ai_ind ARRAY(15);
varchar i_name_av[24] ARRAY(15);
short i_name_av_ind ARRAY(15);
varchar i_data_av[50] ARRAY(15);
short i_data_av_ind ARRAY(15);

/* -8< stored_array_try_yam koko_made -8< */
/* C-0002 00/01/27 K.Sugiyama START */
/* varchar ol_join[571] ; */
/* short ol_join_ind ; */
long ol_i_id_ai ARRAY(15);
short ol_i_id_ai_ind ARRAY(15);
long ol_amount_ai ARRAY(15);
short ol_amount_ai_ind ARRAY(15);
/* 01/01/11 :W_ID */
int ol_supply_w_id_as ARRAY(15);
/* 01/01/11 :W_ID */
short ol_supply_w_id_as_ind ARRAY(15);
short ol_quantity_as ARRAY(15);
short ol_quantity_as_ind ARRAY(15);
varchar ol_delivery_av[14] ARRAY(15);
short ol_delivery_av_ind ARRAY(15);

/* C-0002 00/01/27 K.Sugiyama END */
/* -8< stored_array_try_yam koko_kara -8< */

/* varchar ol_q_join[61] ; */
/* short ol_q_join_ind ; */
short ol_q_ai ARRAY(15);
short ol_q_ai_ind ARRAY(15);

/* -8< stored_array_try_yam koko_made -8< */
/* C-0002 00/01/27 K.Sugiyama START */

/* varchar ol_s_join[61] ; */
/* short ol_s_join_ind ; */
/* 01/01/11 :W_ID */
int ol_s_ai ARRAY(15);

/* 01/01/11 :W_ID */
short ol_s_ai_ind ARRAY(15);
/* C-0002 00/01/27 K.Sugiyama END */

/* -8< stored_array_try_yam koko_made -8< */
/* C-0002 00/01/27 K.Sugiyama END */
/* ORDERLINE INSERT */
#if 0
long oli_o_id_ai ARRAY(15);
short oli_o_id_ai_ind ARRAY(15);
short oli_d_id_ai ARRAY(15);
short oli_d_id_ai_ind ARRAY(15);
short oli_w_id_ai ARRAY(15);
short oli_w_id_ai_ind ARRAY(15);
long oli_number_ai ARRAY(15);
short oli_number_ai_ind ARRAY(15);
#endif
long oli_i_id_ai ARRAY(15);
short oli_i_id_ai_ind ARRAY(15);
#if 0
short oli_suply_w_ai ARRAY(15);
short oli_suply_w_ai_ind ARRAY(15);
short oli_qty_ai ARRAY(15);
short oli_qty_ai_ind ARRAY(15);
long oli_amount_ai ARRAY(15);
short oli_amount_ai_ind ARRAY(15);
varchar oli_dist_av[25] ARRAY(15);
short oli_dist_av_ind ARRAY(15);
#endif
/* -8< stored_array_try_yam koko_made -8< */

/* 01/02/07 : */
short ol_number_ai ARRAY(15);
short ol_number_ai_ind ARRAY(15);
/* 01/02/07 : */

EXEC SQL END DECLARE SECTION ;

/* -8< stored_array_try_yam koko_kara -8< */
#if 0
typedef struct
{
short sqllen ;
struct
{
/*char ol_i_id[7] ;
} sqlvar[15] ;
} ol_i_join_str ;
}
#endif
char sapstop[1] ;
} sqlvar[15] ;
} s_join_str ;

typedef struct
{
short sqllen ;
struct
{
/*char ol_i_id[7] ;
} sqlvar[15] ;
} i_join_str ;

typedef struct
{
short sqllen ;
struct
{
char ol_i_id[7] ;
char ol_amount[8] ;
char ol_supply_w_id[4] ;
char ol_quantity[4] ;
char ol_delivery_d[14] ;
char sapstop[1] ;
} sqlvar[15] ;
} ol_join_str ;

typedef struct /* 961003 s.sato */
{
short sqllen ;
struct
{
char ol_quantity[4] ;
} sqlvar[15] ;
} ol_q_join_str ;

typedef struct /* 961003 s.sato */
{
short sqllen ;
struct
{
char ol_supply_w_id[4] ;
} sqlvar[15] ;
} ol_s_join_str ;

typedef struct /* 961003 s.sato */
{
short sqllen ;
struct
{
char ol_i_id[7] ;
} sqlvar[15] ;
} ol_i_join_str ;

typedef struct /* 961003 s.sato */
{
short sqllen ;
struct
{
char result_o_id[9] ; /* no_o_id */
char sapstop[1] ;
} sqlvar[10] ;
} result_join_str ;

```



```

#endif
/* -8< stored_array_try_yam koko_made -8< */

===== tmenv.h =====

/* Copyright 1996 BEA Systems, Inc. */
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SOURCE CODE OF */
/* BEA Systems, Inc. */
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any */
/* actual or intended publication of such source
code. */

/* Copyright (c) 1993 USL
All rights reserved

THIS IS UNPUBLISHED PROPRIETARY
SOURCE CODE OF USL
The copyright notice above does not
evidence any actual or intended
publication of such source code.
*/
#ifndef TMENV_H
#define TMENV_H 1

/* #ident "@(#)gpl:libgp/mach/sun_ev.h 60.8" */

#if defined(__STDC__) || defined(__cplusplus)
#define _TMPROTOTYPES 1
#endif

#ifdef i386
#define _TML_ENDIAN 1
#endif

#if defined(_TMPROTOTYPES)
#if !defined(_TMCONST)
#define _TMCONST const
#endif
#else
#define _TMCONST
#endif

#ifdef _TMPROTOTYPES
#define _(a) a
#else
#define _(a) ()
#endif

#ifdef NOWHAT
static char h_tmenv[] = "@(#)sun_ev.h 42.1";
#endif

#define O_BINARY 0

/* This is only used in Windows NT for thread instance
data */
#define _TM_THREADVAR

#define _TM_FAR
#define _TM_NEAR
#define _TMDLLENTY
#define _TM_CDECL

#include <sys/types.h>

```

```

/* figure out if this is sun/os 4.1 which is posix compliant
*/
#if defined(alloca)
#define _alloca_h
#define sun41
#endif
#else
#include <alloca.h>
#endif
#define sun41
#else
#undef alloca
#endif
#endif

#if defined(_TMPROTOTYPES)
typedef size_t isize_t;
typedef uid_t iuid_t;
typedef gid_t igid_t;
#else
typedef int isize_t; /* used by mem*, str*, stdio
functions */
typedef int iuid_t;
typedef int igid_t;
#endif
sun41
typedef int mode_t;
typedef int pid_t;
#endif
#endif

#define _TMPAGESIZE 512L

typedef int _TMXDRINT;
typedef unsigned int _TMXDRUINT;
typedef long TM32I;
typedef unsigned long TM32U;

#define _TMIGW
#define _TMIGWT
#define _TMIBUFT
#define _TMIDNW
#define _TMIFML
#define _TMIFML32
#define _TMIFS
#define _TMIGP
#define _TMINWI
#define _TMINWS
#define _TMIQM
#define _TMIRMS
#define _TMISQL
#define _TMITMIB
#define _TMITUX
#define _TMITUX2
#define _TMITUX2WSC
#define _TMITUXWSC
#define _TMIUSORT
#define _TMIWSC
#define _TMITRPC

#endif

```


Appendix C: RTE Scripts

===== rte01.conf =====

```
#
#  rte01.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte01
  STARTSUT
    SUTHOST = cl01a
    SUTTERM = 500
    SUTPASS = /w00
    SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01a
  SUTTERM = 490
  SUTPASS = /w01
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01b
  SUTTERM = 990
  SUTPASS = /w02
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01c
  SUTTERM = 990
  SUTPASS = /w03
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl01f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl02g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl02h
  SUTTERM = 990
  SUTPASS = /w08
```

```
      SUTLOG = 0
    ENDSUT
  ENDRTE
  PORT = 80
  STARTVARIABLE
    VAL = U11 = 19008
    VAL = U21 = 0
    VAL = U31 = 6000
    VAL = U41 = 0
    VAL = U51 = 12030
    VAL = U61 = 12030
    VAL = U101 = 10080
    VAL = U111 = 5040
    VAL = U121 = 5040
    VAL = U171 = 18060
    VAL = U181 = 3050
    VAL = U191 = 2050
    VAL = U201 = 2050
    VAL = U211 = 2050
    VAL = U131 = 777
    VAL = U141 = 111
    VAL = U151 = 3562
  ENDVARIABLE
ENDGROUP
```

===== rte02.conf =====

```
#
#  rte02.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte02
  STARTSUT
    SUTHOST = cl02a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl02b
  SUTTERM = 990
  SUTPASS = /w01
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl02c
  SUTTERM = 990
  SUTPASS = /w02
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl02d
  SUTTERM = 990
  SUTPASS = /w03
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
  SUTHOST = cl03e
  SUTTERM = 500
  SUTPASS = /w04
  SUTLOG = 0
```

```
ENDSUT
STARTSUT
```

```
      SUTHOST = cl03e
      SUTTERM = 490
      SUTPASS = /w05
      SUTLOG = 0
    ENDSUT
  STARTSUT
    SUTHOST = cl03f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
STARTSUT
  SUTHOST = cl03g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl03h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
```

```
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP
```

===== rte03.conf =====

```
#
#  rte03.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte03
  STARTSUT
    SUTHOST = cl03a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
STARTSUT
  SUTHOST = cl03b
  SUTTERM = 990
  SUTPASS = /w01
```

```

SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04c
  SUTTERM = 500
  SUTPASS = /w02
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04c
  SUTTERM = 490
  SUTPASS = /w03
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl04h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

```

```

===== rte04.conf =====
#
#  rte04.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte04
    STARTSUT
      SUTHOST = cl05a
      SUTTERM = 500
      SUTPASS = /w00
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05a
      SUTTERM = 490
      SUTPASS = /w01
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05b
      SUTTERM = 990
      SUTPASS = /w02
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05c
      SUTTERM = 990
      SUTPASS = /w03
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05d
      SUTTERM = 990
      SUTPASS = /w04
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05e
      SUTTERM = 990
      SUTPASS = /w05
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl05f
      SUTTERM = 990
      SUTPASS = /w06
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl06g
      SUTTERM = 990
      SUTPASS = /w07
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl06h
      SUTTERM = 990
      SUTPASS = /w08
      SUTLOG = 0
    ENSUT
  ENDRTE
  PORT = 80
  STARTVARIABLE
    VAL = U11 = 19008

```

```

  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte05.conf =====
#
#  rte05.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte05
    STARTSUT
      SUTHOST = cl06a
      SUTTERM = 990
      SUTPASS = /w00
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl06b
      SUTTERM = 990
      SUTPASS = /w01
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl06c
      SUTTERM = 990
      SUTPASS = /w02
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl06d
      SUTTERM = 990
      SUTPASS = /w03
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl07e
      SUTTERM = 500
      SUTPASS = /w04
      SUTLOG = 0
    ENSUT
    STARTSUT
      SUTHOST = cl07e
      SUTTERM = 490
      SUTPASS = /w05
      SUTLOG = 0
    ENSUT
  STARTSUT

```

```

SUTHOST = cl07f
SUTTERM = 990
SUTPASS = /w06
SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl07g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl07h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte06.conf =====

#
#  rte06.conf :configuration file for TPC-C
# Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte06
STARTSUT
  SUTHOST = cl07a
  SUTTERM = 990
  SUTPASS = /w00
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl07b
  SUTTERM = 990
  SUTPASS = /w01
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08c
  SUTTERM = 500
  SUTPASS = /w02

```

```

SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08c
  SUTTERM = 490
  SUTPASS = /w03
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl08h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte07.conf =====

#
#  rte07.conf :configuration file for TPC-C
# Rev3.0
#  Author : mkdef -Auto Configurator for R3-

```

```

#
STARTGROUP
STARTRTE
  RTEHOST = rte07
STARTSUT
  SUTHOST = cl09a
  SUTTERM = 500
  SUTPASS = /w00
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09a
  SUTTERM = 490
  SUTPASS = /w01
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09b
  SUTTERM = 990
  SUTPASS = /w02
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09c
  SUTTERM = 990
  SUTPASS = /w03
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl09f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl10g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl10h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080

```

```

VAL = U111 = 5040
VAL = U121 = 5040
VAL = U171 = 18060
VAL = U181 = 3050
VAL = U191 = 2050
VAL = U201 = 2050
VAL = U211 = 2050
VAL = U131 = 777
VAL = U141 = 111
VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte08.conf =====

#
#  rte08.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte08
  STARTSUT
    SUTHOST = cl10a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl10b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl10c
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl10d
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl11e
    SUTTERM = 500
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl11e
    SUTTERM = 490
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl11f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
  STARTSUT

```

```

SUTHOST = cl11g
SUTTERM = 990
SUTPASS = /w07
SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl11h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte09.conf =====

#
#  rte09.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte09
  STARTSUT
    SUTHOST = cl11a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl11b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl12c
    SUTTERM = 500
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl12c
    SUTTERM = 490
    SUTPASS = /w03

```

```

SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl12d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl12e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl12f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl12g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl12h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte10.conf =====

#
#  rte10.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte10
  STARTSUT

```

```

SUTHOST = cl13a
SUTTERM = 500
SUTPASS = /w00
SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13a
  SUTTERM = 490
  SUTPASS = /w01
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13b
  SUTTERM = 990
  SUTPASS = /w02
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13c
  SUTTERM = 990
  SUTPASS = /w03
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl13f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl14g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl14h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050

```

```

VAL = U21I = 2050
VAL = U13I = 777
VAL = U14I = 111
VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte11.conf =====
#
#  rte11.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte11
  STARTSUT
    SUTHOST = cl14a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl14b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl14c
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl14d
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl15e
    SUTTERM = 500
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl15e
    SUTTERM = 490
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl15f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl15g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
  ENDSUT
  STARTSUT

```

```

SUTHOST = cl15h
SUTTERM = 990
SUTPASS = /w08
SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte12.conf =====
#
#  rte12.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte12
  STARTSUT
    SUTHOST = cl15a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl15b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl16c
    SUTTERM = 500
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl16c
    SUTTERM = 490
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl16d
    SUTTERM = 990
    SUTPASS = /w04

```

```

        SUTLOG = 0
    ENDSUT
STARTSUT
    SUTHOST = cl16e
    SUTTERM = 990
    SUTPASS = /w05
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl16f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl16g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl16h
    SUTTERM = 990
    SUTPASS = /w08
    SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
    VAL = U1I = 19008
    VAL = U2I = 0
    VAL = U3I = 6000
    VAL = U4I = 0
    VAL = U5I = 12030
    VAL = U6I = 12030
    VAL = U10I = 10080
    VAL = U11I = 5040
    VAL = U12I = 5040
    VAL = U17I = 18060
    VAL = U18I = 3050
    VAL = U19I = 2050
    VAL = U20I = 2050
    VAL = U21I = 2050
    VAL = U13I = 777
    VAL = U14I = 111
    VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte13.conf =====

#
#  rte13.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
    RTEHOST = rte13
STARTSUT
    SUTHOST = cl17a
    SUTTERM = 500
    SUTPASS = /w00
    SUTLOG = 0
ENDSUT
STARTSUT

```

```

        SUTHOST = cl17a
        SUTTERM = 490
        SUTPASS = /w01
        SUTLOG = 0
    ENDSUT
STARTSUT
    SUTHOST = cl17b
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl17c
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl17d
    SUTTERM = 990
    SUTPASS = /w04
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl17e
    SUTTERM = 990
    SUTPASS = /w05
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl17f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl18g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl18h
    SUTTERM = 990
    SUTPASS = /w08
    SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
    VAL = U1I = 19008
    VAL = U2I = 0
    VAL = U3I = 6000
    VAL = U4I = 0
    VAL = U5I = 12030
    VAL = U6I = 12030
    VAL = U10I = 10080
    VAL = U11I = 5040
    VAL = U12I = 5040
    VAL = U17I = 18060
    VAL = U18I = 3050
    VAL = U19I = 2050
    VAL = U20I = 2050
    VAL = U21I = 2050
    VAL = U13I = 777
    VAL = U14I = 111
    VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

```

```

===== rte14.conf =====

#
#  rte14.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
    RTEHOST = rte14
STARTSUT
    SUTHOST = cl18a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl18b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl18c
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl18d
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl19e
    SUTTERM = 500
    SUTPASS = /w04
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl19e
    SUTTERM = 490
    SUTPASS = /w05
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl19f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl19g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
ENDSUT
STARTSUT
    SUTHOST = cl19h
    SUTTERM = 990
    SUTPASS = /w08
    SUTLOG = 0
ENDSUT
ENDRTE

```



```

PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte15.conf =====

#
#  rte15.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte15
  STARTSUT
    SUTHOST = cl19a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl19b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl20c
    SUTTERM = 500
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl20c
    SUTTERM = 490
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl20d
    SUTTERM = 990
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl20e
    SUTTERM = 990
    SUTPASS = /w05

```

```

SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl20f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl20g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl20h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte16.conf =====

#
#  rte16.conf :configuration file for TPC-C
Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
STARTRTE
  RTEHOST = rte16
  STARTSUT
    SUTHOST = cl21a
    SUTTERM = 500
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl21a
    SUTTERM = 490
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
STARTSUT

```

```

SUTHOST = cl21b
SUTTERM = 990
SUTPASS = /w02
SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl21c
  SUTTERM = 990
  SUTPASS = /w03
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl21d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl21e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl21f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl22g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl22h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
ENDVARIABLE
ENDGROUP

===== rte17.conf =====

#

```

```
# rte17.conf :configuration file for TPC-C
Rev3.0
# Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte17
  STARTSUT
    SUTHOST = cl22a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl22b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl22c
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl22d
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23e
    SUTTERM = 500
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23e
    SUTTERM = 490
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23h
    SUTTERM = 990
    SUTPASS = /w08
    SUTLOG = 0
  ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
```

```
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I =18060
  VAL = U18I =3050
  VAL = U19I =2050
  VAL = U20I =2050
  VAL = U21I =2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
```

```
  ENDVARIABLE
ENDGROUP
```

```
===== rte18.conf =====
```

```
#
# rte18.conf :configuration file for TPC-C
Rev3.0
# Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte18
  STARTSUT
    SUTHOST = cl23a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl23b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl24c
    SUTTERM = 500
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl24c
    SUTTERM = 490
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl24d
    SUTTERM = 990
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl24e
    SUTTERM = 990
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl24f
    SUTTERM = 990
    SUTPASS = /w06
```

```
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl24g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl24h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
```

```
  ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I =18060
  VAL = U18I =3050
  VAL = U19I =2050
  VAL = U20I =2050
  VAL = U21I =2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
```

```
  ENDVARIABLE
ENDGROUP
```

```
===== rte19.conf =====
```

```
#
# rte19.conf :configuration file for TPC-C
Rev3.0
# Author : mkdef -Auto Configurator for R3-
#
```

```
STARTGROUP
STARTRTE
  RTEHOST = rte19
  STARTSUT
    SUTHOST = cl25a
    SUTTERM = 500
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl25a
    SUTTERM = 490
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl25b
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
```

```

SUTHOST = cl25c
SUTTERM = 990
SUTPASS = /w03
SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl25d
  SUTTERM = 990
  SUTPASS = /w04
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl25e
  SUTTERM = 990
  SUTPASS = /w05
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl25f
  SUTTERM = 990
  SUTPASS = /w06
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl26g
  SUTTERM = 990
  SUTPASS = /w07
  SUTLOG = 0
ENDSUT
STARTSUT
  SUTHOST = cl26h
  SUTTERM = 990
  SUTPASS = /w08
  SUTLOG = 0
ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060
  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte20.conf =====

#
#  rte20.conf :configuration file for TPC-C
# Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP

```

```

STARTRTE
  RTEHOST = rte20
  STARTSUT
    SUTHOST = cl26a
    SUTTERM = 990
    SUTPASS = /w00
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl26b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl26c
    SUTTERM = 990
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl26d
    SUTTERM = 990
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl27e
    SUTTERM = 500
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl27e
    SUTTERM = 490
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl27f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl27g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl27h
    SUTTERM = 990
    SUTPASS = /w08
    SUTLOG = 0
  ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U11 = 19008
  VAL = U21 = 0
  VAL = U31 = 6000
  VAL = U41 = 0
  VAL = U51 = 12030
  VAL = U61 = 12030
  VAL = U101 = 10080
  VAL = U111 = 5040
  VAL = U121 = 5040
  VAL = U171 = 18060

```

```

  VAL = U181 = 3050
  VAL = U191 = 2050
  VAL = U201 = 2050
  VAL = U211 = 2050
  VAL = U131 = 777
  VAL = U141 = 111
  VAL = U151 = 3562
ENDVARIABLE
ENDGROUP

===== rte21.conf =====

#
#  rte21.conf :configuration file for TPC-C
# Rev3.0
#  Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte21
    STARTSUT
      SUTHOST = cl27a
      SUTTERM = 990
      SUTPASS = /w00
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl27b
      SUTTERM = 990
      SUTPASS = /w01
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28c
      SUTTERM = 500
      SUTPASS = /w02
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28c
      SUTTERM = 490
      SUTPASS = /w03
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28d
      SUTTERM = 990
      SUTPASS = /w04
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28e
      SUTTERM = 990
      SUTPASS = /w05
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28f
      SUTTERM = 990
      SUTPASS = /w06
      SUTLOG = 0
    ENDSUT
    STARTSUT
      SUTHOST = cl28g
      SUTTERM = 990
      SUTPASS = /w07

```

```

        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl28h
        SUTTERM = 990
        SUTPASS = /w08
        SUTLOG = 0
    ENDSUT
    ENDRTE
    PORT = 80
    STARTVARIABLE
        VAL = U1I = 19008
        VAL = U2I = 0
        VAL = U3I = 6000
        VAL = U4I = 0
        VAL = U5I = 12030
        VAL = U6I = 12030
        VAL = U10I = 10080
        VAL = U11I = 5040
        VAL = U12I = 5040
        VAL = U17I = 18060
        VAL = U18I = 3050
        VAL = U19I = 2050
        VAL = U20I = 2050
        VAL = U21I = 2050
        VAL = U13I = 777
        VAL = U14I = 111
        VAL = U15I = 3562
    ENDVARIABLE
ENDGROUP

===== rte22.conf =====

#
#   rte22.conf :configuration file for TPC-C
Rev3.0
#   Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
    STARTRTE
        RTEHOST = rte22
    STARTSUT
        SUTHOST = cl29a
        SUTTERM = 500
        SUTPASS = /w00
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl29a
        SUTTERM = 490
        SUTPASS = /w01
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl29b
        SUTTERM = 990
        SUTPASS = /w02
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl29c
        SUTTERM = 990
        SUTPASS = /w03
        SUTLOG = 0
    ENDSUT
    STARTSUT

```

```

        SUTHOST = cl29d
        SUTTERM = 990
        SUTPASS = /w04
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl29e
        SUTTERM = 990
        SUTPASS = /w05
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl29f
        SUTTERM = 990
        SUTPASS = /w06
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl30g
        SUTTERM = 990
        SUTPASS = /w07
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl30h
        SUTTERM = 990
        SUTPASS = /w08
        SUTLOG = 0
    ENDSUT
    ENDRTE
    PORT = 80
    STARTVARIABLE
        VAL = U1I = 19008
        VAL = U2I = 0
        VAL = U3I = 6000
        VAL = U4I = 0
        VAL = U5I = 12030
        VAL = U6I = 12030
        VAL = U10I = 10080
        VAL = U11I = 5040
        VAL = U12I = 5040
        VAL = U17I = 18060
        VAL = U18I = 3050
        VAL = U19I = 2050
        VAL = U20I = 2050
        VAL = U21I = 2050
        VAL = U13I = 777
        VAL = U14I = 111
        VAL = U15I = 3562
    ENDVARIABLE
ENDGROUP

===== rte23.conf =====

#
#   rte23.conf :configuration file for TPC-C
Rev3.0
#   Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
    STARTRTE
        RTEHOST = rte23
    STARTSUT
        SUTHOST = cl30a
        SUTTERM = 990
        SUTPASS = /w00

```

```

        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl30b
        SUTTERM = 990
        SUTPASS = /w01
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl30c
        SUTTERM = 990
        SUTPASS = /w02
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl30d
        SUTTERM = 990
        SUTPASS = /w03
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl31e
        SUTTERM = 500
        SUTPASS = /w04
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl31e
        SUTTERM = 490
        SUTPASS = /w05
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl31f
        SUTTERM = 990
        SUTPASS = /w06
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl31g
        SUTTERM = 990
        SUTPASS = /w07
        SUTLOG = 0
    ENDSUT
    STARTSUT
        SUTHOST = cl31h
        SUTTERM = 990
        SUTPASS = /w08
        SUTLOG = 0
    ENDSUT
    ENDRTE
    PORT = 80
    STARTVARIABLE
        VAL = U1I = 19008
        VAL = U2I = 0
        VAL = U3I = 6000
        VAL = U4I = 0
        VAL = U5I = 12030
        VAL = U6I = 12030
        VAL = U10I = 10080
        VAL = U11I = 5040
        VAL = U12I = 5040
        VAL = U17I = 18060
        VAL = U18I = 3050
        VAL = U19I = 2050
        VAL = U20I = 2050
        VAL = U21I = 2050
        VAL = U13I = 777
        VAL = U14I = 111

```

```

        VAL = U15I = 3562
    ENDVARIABLE
ENDGROUP

===== rte24.conf =====

#
#   rte24.conf :configuration file for TPC-C
#   Rev3.0
#   Author : mkdef -Auto Configurator for R3-
#

STARTGROUP
  STARTRTE
    RTEHOST = rte24
    STARTSUT
      SUTHOST = cl31a
      SUTTERM = 990
      SUTPASS = /w00
      SUTLOG = 0
    ENDSUT
  STARTSUT
    SUTHOST = cl31b
    SUTTERM = 990
    SUTPASS = /w01
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32c
    SUTTERM = 500
    SUTPASS = /w02
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32c
    SUTTERM = 490
    SUTPASS = /w03
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32d
    SUTTERM = 990
    SUTPASS = /w04
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32e
    SUTTERM = 990
    SUTPASS = /w05
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32f
    SUTTERM = 990
    SUTPASS = /w06
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32g
    SUTTERM = 990
    SUTPASS = /w07
    SUTLOG = 0
  ENDSUT
  STARTSUT
    SUTHOST = cl32h
    SUTTERM = 990
    SUTPASS = /w08

```

```

        SUTLOG = 0
    ENDSUT
ENDRTE
PORT = 80
STARTVARIABLE
  VAL = U1I = 19008
  VAL = U2I = 0
  VAL = U3I = 6000
  VAL = U4I = 0
  VAL = U5I = 12030
  VAL = U6I = 12030
  VAL = U10I = 10080
  VAL = U11I = 5040
  VAL = U12I = 5040
  VAL = U17I = 18060
  VAL = U18I = 3050
  VAL = U19I = 2050
  VAL = U20I = 2050
  VAL = U21I = 2050
  VAL = U13I = 777
  VAL = U14I = 111
  VAL = U15I = 3562
  ENDVARIABLE
ENDGROUP

```


Appendix D: System Tunables

```
===== conbf.sh.216 =====
```

```
:
rm -f conbf_wk1 conbf_wk2 conbf_wk3
echo "# WORK FILE for rdbconbf" >conbf_wk1
echo "# WORK FILE for rdbconbf" >conbf_wk2
echo "# WORK FILE for rdbconbf" >conbf_wk3

mkconbf2 WAREHOUSE 216 W 216 1
>>conbf_wk1
mkconbf2 DISTRICT 216 D 216 1
>>conbf_wk1
mkconbf2 CUSTOMER 1728 C 216 8
>>conbf_wk1
mkconbf3 CUSTOMER_X 1728 C_IX 216 8
>>conbf_wk1
mkconbf2 ORDERS 1728 O 216 8
>>conbf_wk2
mkconbf2 ORDERS_IX 1728 O_IX 216 8
>>conbf_wk2

mkconbf2 NEWORDER 1728 NO 216 8
>>conbf_wk2
mkconbf3 NEWORDER_X 1728 NO_IX 216 8
>>conbf_wk2
mkconbf2 STOCK 432 S 216 2
>>conbf_wk3
mkconbf2 ITEM 1 1 1 1 >>conbf_wk3
mkconbf2 ORDERLIN 1728 OL 216 8
>>conbf_wk3
mkconbf2 HISTORY 1728 H 216 8
>>conbf_wk3

timex rdbconbf -f conbf_wk1
timex rdbconbf -f conbf_wk2
timex rdbconbf -f conbf_wk3
```

```
===== cw_env.comp.19008WH
=====
```

```
TPCC,TPCC_SCHEMA,ITEM,STOCK: <<<
TPCC ,ITEM, STOCK >>>
1,4,0,I_ITEM_ID,I_NAME,I_PRICE,I_DATA,1,1,1000
00,100000; <<< STAY_ALL, CACHE_OFF,
NO_COMP >>>
0,1,0,S_QUANTITY,2,1,19008,19008,100000,100
000; <<< 1 COLUMN, CACHE_OFF, NO_COMP
>>>
```

```
===== fssqlev.RUN.5tpc.15 =====
```

```
:
; All Rights Reserved, Copyright(c) FUJITSU 1993,
1994, 1995
```

```
; All Rights Reserved, Copyright(c) PFU 1993,
1994, 1995
:
: :
:
: : ;
:
: :1 1024
:
:;;
MAX_CONNECT_TCP=(600)
;MAX_CONNECT_TCP=(500)
;MAX_CONNECT_TCP=(1300)
MAX_CONNECT_SYS=(50)
; rdbsysconfig -> RDBCNTNUM
JOIN_RULE=(F,3)
COMMUNICATION_BUFFER=(8)
;INCLUSION_TYPE=NEW
;MAX_PARALLEL=64
RDB2_TCP_LEVEL=(LEVEL2)
;SOC_SELECT_TIME=(20000)
SOC_SELECT_TIME=(5000)
SOC_WRITE_SIZE=(8)
;DEBUG_INFO = ON,2811
DICT_SYS_FILE_PATH=/rdbptc/FSUNrdb2b/etc/
SYSTEM_MODE = 2
;DEBUG_INFO = ON,5005
MULTI_TCP=5
```

```
===== mkconbf2.c =====
```

```
#include <stdio.h>
#include <errno.h>

main(int argc, char *argv[] )
{
    int i,j, dsi_n, pool_n;
    char *dsi_p, *pool_p;
    int cnt_dsi, cnt_wh, dsi_ren;

    if( argc != 6 ){
        fprintf(stderr,
            "usage:    DSI   DSI   "
            "          " DSI >   \n");
        exit(1);
    }
    dsi_p = argv[1];
    dsi_n = atoi(argv[2]);
    pool_p = argv[3];
    pool_n = atoi(argv[4]);
    dsi_ren = atoi(argv[5]);

    for( i=1,j=1,cnt_wh=1; i<=dsi_n;
        i++,cnt_wh++){
        if( cnt_wh> dsi_ren ){
            cnt_wh=1;
            j++;
            if( j> pool_n ){
                j=1;
            }
        }
        printf("TPCC.%s_%dDSI %s_%d
        \n",dsi_p,i, pool_p, j);
    }
    return(0);
}
```

```
}
}

===== mkconbf3.c =====

#include <stdio.h>
#include <errno.h>

main(int argc, char *argv[] )
{
    int i,j, dsi_n, pool_n;
    char *dsi_p, *pool_p;
    int cnt_dsi, cnt_wh, dsi_ren;

    if( argc != 6 ){
        fprintf(stderr,
            "usage:    DSI   DSI   "
            "          " DSI >   \n");
        exit(1);
    }
    dsi_p = argv[1];
    dsi_n = atoi(argv[2]);
    pool_p = argv[3];
    pool_n = atoi(argv[4]);
    dsi_ren = atoi(argv[5]);

    for( i=1,j=1,cnt_wh=1; i<=dsi_n;
        i++,cnt_wh++){
        if( cnt_wh> dsi_ren ){
            cnt_wh=1;
            j++;
            if( j> pool_n ){
                j=1;
            }
        }
        printf("TPCC.%s_%dDSI %s_%d
        \n",dsi_p,i, pool_p, j);
    }
    return(0);
}
```

```
===== rdbbuf.RUN =====

#
# All Rights Reserved, Copyright(c) FUJITSU
1993, 1994, 1995
# All Rights Reserved, Copyright(c) PFU 1993,
1994, 1995
#
# :
#
#
# : '#'
#
# :1 1024
#
# << >> =
#
#####nrk
BUFFER1K = 6400
BUFFER2K = 64
BUFFER4K = 512
BUFFER8K = 384
BUFFER16K = 32
```

BUFFER32K = 32

=====
===== rdbpool.RUN =====

```
#
# All Rights Reserved, Copyright(c) FUJITSU
1993-1999
# All Rights Reserved, Copyright(c) PFU 1993-
1999
#
# Name : System pool definition file
#
# Format
# Comment : if a # appears in a line, the
words are treated as
# a comment from after the # to the
end of the line.
# Line feed : A line feed must be at the end
of a definition-
# directive.
# One line : Length of a line must be less
than 1024 bytes.
#
# << Specification format >>
# pool-type = Initial size , Expansion size ,
Maximum size
#
#####
#####
# system
# type = Initial,Expansion,Maximum #cell size
#-----
ARC_ALCT = 0 ,1 ,1024000000 #508*2
BCM_BPC = 8800000 ,8192 ,1024000000
#508*2
BCM_EEXT = 44000000 ,16384 ,1024000000
#1532*2
#BCM_ESUB = 2419508 ,2048 ,1024000000
#60*2
BCM_ESUB = 8000000 ,2048 ,1024000000
#60*2
BCM_GPCT = 16384 ,8192 ,1024000000
#508*2
BCM_IOPROC = 1000000 ,8192 ,1024000000
#508*2
BCM_LOGAREA = 0 ,1 ,1024000000
#1020*2
BCM_LOGLIST = 0 ,1 ,1024000000
#252*2
BCM_PGC = 3800000 ,8192 ,1024000000
#1020*2
BCM_WKACC = 0 ,2048 ,1024000000
#252*2
BCM_WKDMON = 1088 ,2048 ,1024000000
#268*2
BCM_WKSPC = 0 ,2048 ,1024000000
#92*2
BCM_WKSSPC = 0 ,2048 ,1024000000
#124*2
BCM_LOGGRP = 10240 ,2048 ,1024000000
#508*2
#BCM_LOGNBF =
1543168 ,2048 ,1024000000 #316*2
```

```
BCM_LOGNBF = 3000000 ,2048 ,1024000000
#316*2
CCR_COMINF = 8800000 ,32768 ,1024000000
#3836*2(0xefc*2)
CCR_FGRP = 960000 ,8192 ,1024000000
#252*2
CCR_IDT = 3200000 ,8192 ,1024000000
#912*2(0x390*2)
CCR_KAIOCB = 2720000 ,2048 ,1024000000
#92*2
CCR_LWPIDT = 49460 ,8192 ,1024000000
#112*2(0x70*2)
CCR_POLMCTL =
20000000 ,32768 ,1024000000
#4336((0x10+0x50*(42+12))*2)
CCR_SANQUE = 81840 ,2048 ,1024000000
#64*2
CCR_USRCON = 2000000 ,8192 ,1024000000
#448*2(0x1c0*2)
CCR_USRSTK =
270000000 ,131088 ,1024000000 #65536*2
CCR_WLIST = 120000 ,2048 ,1024000000
#28*2(0x1c*2)
CCR_WPID = 3000000 ,2048 ,1024000000
#60*2
DSM_DSAH = 7700000 ,8192 ,1024000000
#2044*2
#DSM_DSAP =
2000000000 ,1000000 ,2047000000 #124*2
DSM_DSAP =
2000000000 ,256000000 ,8000000000 #124*2
#DSM_DSIL = 53769830 ,2048 ,1024000000
#60*2
DSM_DSIL = 330000000 ,2048 ,1024000000
#60*2
#DSM_DSVP = 27034 ,2048 ,1024000000
#60*2
DSM_DSVP = 120000 ,2048 ,1024000000
#60*2
DSM_DSVQ = 400000 ,2048 ,1024000000
#92*2
DSM_DSWH = 0 ,8192 ,1024000000
#2044*2
DSM_DSWP = 0 ,2048 ,1024000000
#124*2
DSM_DUSI = 250000 ,2048 ,1024000000
#60*2
DSM_DWFL = 0 ,2048 ,1024000000
#60*2
DSM_DWUI = 0 ,2048 ,1024000000
#60*2
HSM_NETINFO = 0 ,8192 ,1024000000
#508
LCM_LOGCNTL = 5500000 ,8192 ,1024000000
#252*2
LCM_WLIST = 800000 ,2048 ,1024000000
#28*2
SCI_CMD = 558694 ,8192 ,1024000000
#508*2
SCI_CONBF = 24576 ,8192 ,1024000000
#508*2
SSV_IINF = 360000 ,2048 ,1024000000
#124*2
TCM_TRAN = 970000 ,8192 ,1024000000
#252*2
UTY_UNQUE = 1024 ,2048 ,1024000000
#172*2
UTY_UNDB = 0 ,8192 ,1024000000
#508*2
```

```
UTY_UNDSI = 0 ,2048 ,1024000000
#124*2
XCM_KHASH = 0 ,8192 ,1024000000
#1036*2
XCM_KMEM = 0 ,8192 ,1024000000
#2044*2
XCM_KQUE = 0 ,2048 ,1024000000
#28*2
XCM_KTERM = 0 ,2048 ,1024000000
#28*2
XCM_LOCK = 10000 ,2048 ,1024000000
#60*2
XCM_LPHASH = 10000 ,8192 ,1024000000
#1028*2
XCM_NLOWN = 260000 ,2048 ,1024000000
#28*2
XCM_NLQUE = 14000000 ,2048 ,1024000000
#60*2
XCM_NLRSC = 2846720 ,2048 ,1024000000
#252*2
XCM_OWNER = 770000 ,2048 ,1024000000
#252*2
XCM_QUE = 24000000 ,2048 ,1024000000
#124*2
#XCM_TTERM = 5400000 ,2048 ,1024000000
#44*2
XCM_TTERM = 13000000 ,2048 ,1024000000
#44*2
XCM_WQUE_S = 0 ,2048 ,1024000000
#76*2
XCM_RSC_S = 0 ,2048 ,1024000000
#60*2
#--- added RE052 XCM_kaizen
XCM_SUBLP = 77000000 ,9216 ,1024000000
#1148*2
XCM_PGLP = 8192 ,2048 ,1024000000
#200*2
#--- added RE052 XCM_kaizen
#-----
# group
# type = Initial,Expansion,Maximum #cell size
#-----
BCM_DFPOOL_G = 256 ,2048 ,1024000000
#124*2
BCM_DPCT_G = 128 ,2048 ,1024000000
#60*2
CCR_GCOMINF = 65536 ,32768 ,1024000000
#3836*2(0xefc*2)
XCM_BITMAP_G = 192 ,2048 ,1024000000
#92*2
XCM_BITMNG_G = 128 ,2048 ,1024000000
#60*2
XCM_RSC_G = 128 ,2048 ,1024000000
#60*2
XCM_WQUE_G = 160 ,2048 ,1024000000
#76*2
#-----
# local
# type = Initial,Expansion,Maximum #cell size
#-----
BCM_DFPOOL = 256 ,2048 ,1024000000
#124*2
BCM_DPCT = 128 ,2048 ,1024000000
#60*2
BCM_LPCT = 128 ,2048 ,1024000000 #60*2
```



```

BCM_LPG = 512 ,2048 ,1024000000
#252*2
BCM_PFT = 512 ,2048 ,1024000000
#252*2
CCR_LCOMINF = 8192 ,32768 ,1024000000
#3836*2(0xefc*2)
DSM_DDSF = 512 ,2048 ,1024000000
#252*2
DSM_DESF = 576 ,2048 ,1024000000
#284*2
ECM_DDSF = 0 ,1024 ,1024000000 #252
ECM_DESF = 0 ,1024 ,1024000000 #284
SAP_KEY = 8192 ,32768 ,1024000000
#4092*2
SCI_CS = 0 ,1 ,1024000000 #124*2
XCM_BITMAP = 192 ,2048 ,1024000000
#92*2
XCM_BITMNG = 128 ,2048 ,1024000000
#60*2
XCM_RSC = 128 ,2048 ,1024000000 #60*2
XCM_WQUE = 160 ,2048 ,1024000000
#76*2
XCM_THASH = 96 ,128 ,1024000000 #44*2
XCM_TQUE = 160 ,2048 ,1024000000
#76*2

```

```

=====
rdbsysconfig.48cpu.17.rcpfast_40maxdbio
=====

```

```

#
# All Rights Reserved, Copyright(c) FUJITSU
1993, 1994, 1995
# All Rights Reserved, Copyright(c) PFU 1993,
1994, 1995
#
# : RDBII
#
# : '#'
# :
# : 1 1024
# : 1 214748367
#
# << >>
# = [ 1 ], [ 2 ],
#
#####
#####nrk
# 0424 Add
# RDBDBGSLKCNT = yes
# RDBDBGWPCCNT = yes

```

```

RDBDIRSPACE1=/export/home/RDBDIR
RDBDIRSPACE2=/export/home/RDBDIR
RDBLOG=1280,1280 #1024,1024
RDBCORE=/rdbptc/RDBCORE

```

```

RDBLOGGROUPMANAGE=/DEV/rds/LOG_MG
_G,SCLDIR_USE ## LOG

```

```

RDBCNTNUM=50 #740 #660
#fssqlenv -> MAX_CONNECT_SYS
RDBRSVFDNUM=50 #990920 for fopen max

```

```
RDBPRJCODE=0xd8
```

```
#RDBSYSTEMID=2
```

```

RDBSYSBUF=/rdbptc/tpcc80/SYS
RDBSQLENV=/rdbptc/tpcc80/SYS/fssqlenv
RDBLOGMANAGE=/rdbptc/tpcc80/SYS
RDBPOOLCFG=/rdbptc/tpcc80/SYS

```

```

#-----
##RDBFIXBUFMEM=80 # for LOAD
#---
# RDBFIXBUFMEM=22928 # stalin: - 1*1024
MB for 28GB
RDBFIXBUFMEM=108000 #102400 #89088
#60112 #60128 #60640 #61440 #62464 #=-61G
#63488 #=-62Gng #67584 #=-66G #64512 #=-63G
#61440
##=-60G +12GOK #51200

```

```

#---
RDBLPMEM=19520 #18048 #14976 #15104
#14848 #=-14.5G #14112 #13312 #=-13GB
#12288 #=-12G #12000 #8192 # -512MB for
28GB

```

```

#-----
RDBEXTMEMADDR=0xed000000
RDBEXTMEM=8192 #Add it, if "Shared
memory is insufficient"

```

```

#####
#####
RDBPRESCHED=10
RDBKCHKSKIPCNT=100 #200 #
# RDBKTAJUUDOSDP = 5 #2016
# RDBKLISTNUMSDP = 5
# RDBKCATENUMSDP=60 #252
RDBKAIOPREP = 48 #12 #980531
# RDBKAIOCNT = yes
# RDBKAIOD9F = yes
# RDBKAIOSLFWAIT = yes
# RDBIOERRDOWN = yes
RDBKAIIO = YES
RDBASYNCIO = YES
# RDBMAXPARAIO = 40
RDBKAIOMUT = NO #YES
RDBKAIOCELLNUM = 1024
RDBKAIPOOLNUM = 14
RDBASYNCIONUMR = 1
RDBASYNCIONUMW = 1
RDBKAIOSCHEDULE = YES
RDBKAIIOREQWAIT = NO

```

```
RDBGETSMF=NO
```

```

#####
#####
##RDBVER:
UXP/DS_RDBII_V20L21_3/22_version
#####
#####
#
0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,
20,21,22,23,24,25,26,27,28,29,30,31
# RDBSDPCPU =
3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,2
1,22,23,24,25,26,27

```

```

RDBSDPCPU = 14,20, 1,2,3,4,5, 6,7,8,9,10,11,
12,13, 16,18, 22, 26, 28,30,32,34,36,38,
40,42,44,46,48,50, 52,54,56,58,60,62,0

```

```

RDBBUFFDMONNUM=38 # for new AIO
#### CPU bind for each daemon
RDBTCPIPCPU=24
RDBTCPIPCPU=24,20
RDBDIRCPU=14
##RDBDIRBCPU=20,19,18 #update 2000.11.17
kari Ozawa
RDBTLFCPU=14
RDBALFCPU=14

```

```

RDBCCRDMCPU=14
RDBRECEPCPU=14

```

```

#---
RDBSORTCPU=14
#---
RDBIOCPU=14
#---
RDBWKS CPU=14

```

```

## Parameter for I/O
RDBREADUNC = NO # SAP
RDBDBSNUM+ = 362 # Max thread number
for write
#RDBMAXLWP = 100 #350 #
RDBMAXDBIO = 40 #45 #7 #
Max_write_request/disk for normal state
RDBMAXRCPIO = 35 #40 #20 #10 #
Max_write_request/disk for rdbrcp
# RDBMAXDBIO = 3 #
Max_write_request/disk for normal state
# RDBMAXRCPIO = 3 #
Max_write_request/disk for rdbrcp

```

```

## Parameters for DB-Buffer-----
RDBNEWPAGE = 1 # Default for BCM.
1:=-Normal LRU
#RDBNEWPAGE = 2 #
2:=(New_Page is not so important)
RDBANTIQUENPAGE = 4 # LRU 4

```

```

## Parameter for Others-----
#-
RDBIUNITNUM = 1,1
#-
RDBSORTUNITNUM = 1,1
##RDBIUNITNUM = 64,0 #for DB-LOAD
##RDBSORTUNITNUM = 64,0 #for DB-LOAD

```

```

##LOG (GC =6 =30ms
>2 BUF=32)
RDBLOGAIONUM=128 #IO
buffer
RDBLOGBIONUM=256 #
#RDBLOGBIONUM=128 #
RDBLOGIOSLEEP=10 #SLTRNUM
tran write sleep
RDBLOGSLTRNUM=2 #
tran write
RDBLOGGRCOMMIT=4 #SLEEP
tran nosleep

```

```

#RDBKTAJUUDOSDP=5
#RDBKCATENUMSDP=5
#RDBKCATENUMSDP=60

```

```

##SLK/LWP tuning
RDBSLKLOOP=100 # 100steps
#RDBLWLOOP=100 # 10steps
MIPS=10 (1min.=600Msteps)
RDBSEMMODE=IPC #mutex IPC

## for debug :: my_mutex flag
#RDBDBGSLKCNT=yes,yes
#RDBDBGSLKCNT=yes
#RDBDBGMUTCNT=yes
#RDBDBGWPCCNT = yes
#RDBDBGWAITPOS = yes
#RDBKAIOCNT = yes

##
mutex
.
##
#RDBMUTGIVE=YES
RDBIXSECWD=YES #

RDBSDPLDBALMODE = 2

##32M##RDBGETSMF=NO #rdbps DsmInf

===== rdbsysparm =====

#
# All Rights Reserved, Copyright(c) FUJITSU
1996
# All Rights Reserved, Copyright(c) PFU 1996
#
# Title: RDB system definition file
#
#####
#####
# DO NOT TOUCH ME!!
#
RDBMEMBLKSIZE=127
RDBLBUFSIZE=0,128,512
COMMUNICATION_BUFFER=1
SORT_MEM_SIZE=64
WORK_MEM_SIZE=64
CGP_INIT_SIZE=1
###CGP_ELEM=10
MEM_CMD_POOL_SIZE=14 #1
#MEM_LC1_POOL_SIZE=1
#MEM_LC2_POOL_SIZE=1
MEM_LC3_POOL_SIZE=28 #1
MEM_OPL_POOL_SIZE=148 #1
#MEM_OPT_POOL_SIZE=1
MEM_SCT_POOL_SIZE=10 #1
#MEM_SPL_POOL_SIZE=1
DYN_SQL_BUFFER=3, 1, 3
TID_BUFFER=1, 1, 3
CURSOR_NAME_BUFFER=1, 1, 1
BUFFER_SIZE=1, 1
RESULT_BUFFER=0, 1
OPL_BUFFER_SIZE=1
MAX_CONNECT_SYS=20
DESC_NUM=256

===== sd.conf =====

```

```

#
# Copyright (c) 1992, by Sun Microsystems, Inc.
#
#ident "@(#)sd.conf 1.9 98/01/11
SMI"

name="sd" class="scsi" class_prop="atapi"
target=0 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=1 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=1 lun=1;

name="sd" class="scsi" class_prop="atapi"
target=1 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=1;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=3;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=4;

name="sd" class="scsi" class_prop="atapi"
target=2 lun=5;

name="sd" class="scsi" class_prop="atapi"
target=3 lun=0;

name="sd" class="scsi"
target=4 lun=0;

name="sd" class="scsi"
target=5 lun=0;

name="sd" class="scsi"
target=6 lun=0;

name="sd" class="scsi"
target=8 lun=0;

name="sd" class="scsi"
target=9 lun=0;

name="sd" class="scsi"
target=10 lun=0;

name="sd" class="scsi"
target=11 lun=0;

name="sd" class="scsi"
target=12 lun=0;

name="sd" class="scsi"
target=13 lun=0;

name="sd" class="scsi"
target=14 lun=0;

```

```

name="sd" class="scsi"
target=15 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=1;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=3;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=4;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=5;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=6;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=7;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=8;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=9;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=10;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=11;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=12;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=13;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=14;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=15;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=16;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=17;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=18;

name="sd" class="scsi" class_prop="atapi"
target=16 lun=19;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=1;

```

```

name="sd" class="scsi" class_prop="atapi"
target=17 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=3;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=4;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=5;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=6;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=7;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=8;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=9;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=10;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=11;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=12;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=13;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=14;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=15;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=16;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=17;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=18;

name="sd" class="scsi" class_prop="atapi"
target=17 lun=19;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=1;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=3;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=4;

```

```

name="sd" class="scsi" class_prop="atapi"
target=18 lun=5;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=6;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=7;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=8;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=9;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=10;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=11;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=12;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=13;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=14;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=15;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=16;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=17;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=18;

name="sd" class="scsi" class_prop="atapi"
target=18 lun=19;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=0;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=1;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=2;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=3;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=4;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=5;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=6;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=7;

```

```

name="sd" class="scsi" class_prop="atapi"
target=19 lun=8;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=9;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=10;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=11;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=12;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=13;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=14;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=15;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=16;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=17;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=18;

name="sd" class="scsi" class_prop="atapi"
target=19 lun=19;

===== services =====

#ident      "@(#)services  1.25  99/11/06
SMI" /* SVr4.0 1.8 */
#
#
# Copyright (c) 1999 by Sun Microsystems, Inc.
# All rights reserved.
#
# Network services, Internet style
#
tcpmux      1/tcp
echo        7/tcp
echo        7/udp
discard     9/tcp      sink null
discard     9/udp      sink null
systat     11/tcp      users
daytime     13/tcp
daytime     13/udp
netstat    15/tcp
chargen    19/tcp      ttytst source
chargen    19/udp      ttytst source
ftp-data   20/tcp
ftp        21/tcp
telnet     23/tcp
smtp       25/tcp      mail
time       37/tcp      timeserver
time       37/udp      timeserver
name       42/udp      nameserver

```

whois 43/tcp	nicname #	cvc_hostd 442/tcp	#	winn6 22273/tcp	# Winn6 jserver
usually to sri-nic		Network Console		winn6 22273/udp	# Winn6 jserver
domain 53/udp		#		winn6-ds 26208/tcp	winn6_DS # Winn6
domain 53/tcp		# UNIX specific services		winn6-ds 26208/udp	winn6_DS # Winn6
bootps 67/udp	#	#		winn6-ds 26208/udp	winn6_DS # Winn6
BOOTP/DHCP server		# these are NOT officially assigned		winn6-ds 26208/udp	winn6_DS # Winn6
bootpc 68/udp	#	#		winn6-ds 26208/udp	winn6_DS # Winn6
BOOTP/DHCP client		exec 512/tcp		RDBII 2001/tcp	#for Symfo 2000.0907
hostnames 101/tcp	hostname #	login 513/tcp		RDBII-1 2002/tcp	#for Symfo 2000.1127
usually to sri-nic		shell 514/tcp	cmd # no	RDBII-2 2003/tcp	#for Symfo 2000.1127
pop2 109/tcp	pop-2 # Post	passwords used		RDBII-3 2004/tcp	#for Symfo 2000.1127
Office Protocol - V2		printer 515/tcp	spooler	RDBII-4 2005/tcp	#for Symfo 2001.0119
pop3 110/tcp	# Post	# line printer spooler		RDBII-5 2006/tcp	#for Symfo 2001.0119
Office Protocol - Version 3		courier 530/tcp	rpc #	fjwv-h 8081/tcp	# FJSVwvncf Web Port
sunrpc 111/udp	rpcbind	experimental		fjwv_g 9396/udp	# FJSVwvbs group
sunrpc 111/tcp	rpcbind	uucp 540/tcp	uucpd #	RMI	
imap 143/tcp	imap2 #	uucp daemon		fjwv_n 9397/tcp	# FJSVwvbs node RMI
Internet Mail Access Protocol v2		biff 512/udp	comsat	fjwv_s 9398/tcp	# FJSVwvbs server RMI
ldap 389/tcp	#	who 513/udp	whod	fjwv_c 9399/tcp	# FJSVwvbs client RMI
Lightweight Directory Access Protocol		syslog 514/udp			
ldap 389/udp	#	talk 517/udp			
Lightweight Directory Access Protocol		route 520/udp	router routed		
ldaps 636/tcp	#	ripng 521/udp			
LDAP protocol over TLS/SSL (was sldap)		klogin 543/tcp	#		
ldaps 636/udp	#	Kerberos authenticated rlogin			
LDAP protocol over TLS/SSL (was sldap)		kshell 544/tcp	cmd #		
#		Kerberos authenticated remote shell			
# Host specific functions		new-rwho 550/udp	new-who #		
#		experimental			
tftp 69/udp		rmonitor 560/udp	rmonitord #		
rje 77/tcp		experimental			
finger 79/tcp		monitor 561/udp	#		
link 87/tcp	ttylink	experimental			
supdup 95/tcp		pcserver 600/tcp	# ECD		
iso-tsap 102/tcp		Integrated PC board svr			
x400 103/tcp	# ISO	kerberos-adm 749/tcp	#		
Mail		Kerberos V5 Administration			
x400-snd 104/tcp		kerberos-adm 749/udp	#		
csnet-ns 105/tcp		Kerberos V5 Administration			
pop-2 109/tcp	# Post	kerberos 750/udp	kdc # Kerberos		
Office		key server			
uucp-path 117/tcp		kerberos 750/tcp	kdc #		
nntp 119/tcp	usenet #	Kerberos key server			
Network News Transfer		krb5_prop 754/tcp	#		
nntp 123/tcp	#	Kerberos V5 KDC propagation			
Network Time Protocol		ufsd 1008/tcp	ufsd # UFS-aware		
nntp 123/udp	#	server			
Network Time Protocol		ufsd 1008/udp	ufsd #		
netbios-ns 137/tcp	#	cvc 1495/tcp	# Network		
NETBIOS Name Service		Console			
netbios-ns 137/udp	#	ingreslock 1524/tcp			
NETBIOS Name Service		www-ldap-gw 1760/tcp	#		
netbios-dgm 138/tcp	#	HTTP to LDAP gateway			
NETBIOS Datagram Service		www-ldap-gw 1760/udp	#		
netbios-dgm 138/udp	#	HTTP to LDAP gateway			
NETBIOS Datagram Service		listen 2766/tcp	# System V		
netbios-ssn 139/tcp	#	listener port			
NETBIOS Session Service		nfsd 2049/udp	nfs # NFS server		
netbios-ssn 139/udp	#	daemon (clts)			
NETBIOS Session Service		nfsd 2049/tcp	nfs # NFS server		
NeWS 144/tcp	news #	daemon (cots)			
Window System		eklogin 2105/tcp	#		
slp 427/tcp	slp #	Kerberos encrypted rlogin			
Service Location Protocol, V2		lockd 4045/udp	# NFS lock		
slp 427/udp	slp # Service	daemon/manager			
Location Protocol, V2		lockd 4045/tcp			
mobile-ip 434/udp	mobile-ip #	dtspc 6112/tcp	# CDE		
Mobile-IP		subprocess control			
		fs 7100/tcp	# Font server		

```

@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 0 C_IX_$P
16K $X">>sh.crbuf #-m5
@ T= $T + $X * 16
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#CX $TM $XM"

echo "# CUSTOMER-----
--">>sh.crbuf
@ X=2898 # for 14CPU 10GB/48

@ A=$X - 80 ; @ S=$A - 70 ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 2 -m 4 C_$P 1K
$X">>sh.crbuf
@ T= $T + $X * 1
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#C $TM $XM"

echo "# ORDER_IX(M)-----
-----">>sh.crbuf
@ X=11400 #1667 #4000 #1667 #11400 #1667#
+7.6G

@ A=$X - 50 ; @ S=$A - 30 ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 0 O_IX_$P
4K $X">>sh.crbuf #-m5??
@ T= $T + $X * 4
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#OX $TM $XM"

echo "# ORDERS(M)-----
--">>sh.crbuf
@ X=666 # for 14CPU 10GB/48

@ A=$X - $D ; @ S=$A - $W ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 5 O_$P 8K
$X">>sh.crbuf
@ T= $T + $X * 8
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#O $TM $XM"

echo "#ORDERLINE(M)-----
-----">>sh.crbuf

```

```

@ X=2925 #2446 # for 14CPU 10.0GB/48

@ A=$X - $D ; @ S=$A - $W ; @ T= 0
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 5 OL_$P
32K $X">>sh.crbuf
@ T= $T + $X * 32
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#OL $TM $XM"

echo "#NEWORDER(M)-----
-----">>sh.crbuf
@ X=2300 #2082 # for 14CPU 10GB/48

@ A=$X - $D ; @ S=$A - $W ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 0 NO_$P
8K $X">>sh.crbuf #-m5
@ T= $T + $X * 8
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#N $TM $XM"

echo "#NEWORDER_IX(MB)-----
-----">>sh.crbuf
@ X=1300 #1200 #2000 #2520 # for 14CPU
10GB/48

@ A=$X - $D ; @ S=$A - $W ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 0
NO_IX_$P 8K $X">>sh.crbuf #-m5
@ T= $T + $X * 8
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#NX $TM $XM"

echo "#HISTORY(M)-----
--">>sh.crbuf
@ X=232 # for 14CPU 10GB/48

@ A=$X - $D ; @ S=$A - $W ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 5 H_$P 4K
$X">>sh.crbuf
@ T= $T + $X * 4

```

```

end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#H $TM $XM"

echo "#ORDERLINE(M)-----
--">>sh.crbuf
@ X=150 #30 # for 14CPU 10GB/48

#@ A=$X - $D ; @ S=$A - $W ; @ T= 0
@ A=$X - 50 ; @ S=$A - 20 ; @ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "rdbcrbf -A $A -S $S -x -l 1 -m 5 OL_$P
8K $X">>sh.crbuf
@ T= $T + $X * 8
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#OL2 $TM $XM"

#=====
=====
echo " " ">crbuf.aa
echo " " ">crbuf.bb

#echo "#D(M)-----"
# @ X=8000
# @ X=1820
#@ X=4449 # for 14CPU 10GB/9
#@ X=890 # for 14CPU 10GB/45
@ X=1000 # for 14CPU 10GB/45
@ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "D_$P 1K $X 95 90 1 0 fixed">>crbuf.aa
@ T= $T + $X * 1
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#D $TM $XM"

#echo "#I(M)-----"
@ X=18000 #14300
@ T= $X * 1
echo "L 1K $X 100 100 1 0 fixed" >>crbuf.aa
@ XK= $XK + $T ; @ XM= $XK / 1024 ; @ TM=
$T / 1024 ; echo "#I $TM $XM"

#echo "#O2(M)-----"
@ X=802
@ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "O_$P 1K $X 100 100 1 0 fixed">>crbuf.bb
@ T= $T + $X * 1
end

```

```
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#O2 $TM $XM"
```

```
#echo "#CX2(M)-----"
# @ X=50 #10
# @ X=20
# @ X=50
@ X=10
@ T= 0
```

```
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "C_IX_$P 32K $X 100 100 1 0
fixed">>crbuf.aa
@ T= $T + $X * 32
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#CX2 $TM $XM"
```

```
#echo "#OX2(M)-----"
# @ X=50 #30 #48
# @ X=20
@ X=50 #10 is too small::: minimum=24
@ T=0
```

```
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "O_IX_$P 32K $X 100 100 1 0
fixed">>crbuf.aa
@ T= $T + $X * 32
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#OX2 $TM $XM"
```

```
#echo "#NOX2(M)-----"
# @ X=50 #10 #16
# @ X=20 #10 #16
# @ X=50
@ X=8 #34
@ T=0
```

```
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "NO_IX_$P 32K $X 100 100 1 0
fixed">>crbuf.aa
@ T= $T + $X * 32
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#NOX2 $TM $XM"
```

```
#echo "#W(M)-----"
# @ X=800
@ X=190
@ X=465
```

```
@ X=93
@ T= 0

foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "W_$P 1K $X 100 100 1 0 fixed">>crbuf.bb
@ T= $T + $X * 1
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#W $TM $XM"
```

```
#echo "#NO2(M)-----"
@ X=200
@ T= 0
```

```
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "NO_$P 1K $X 80 50 1 0 fixed">>crbuf.bb
@ T= $T + $X * 1
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#NO2 $TM $XM"
```

```
#echo "#S2(M)-----"
@ X=2
@ T= 0
```

```
foreach I ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 )
foreach J ( 1 2 3 4 5 6 )
@ P= $I * 6 + $J
echo "S_$P 1K $X 80 50 1 0 fixed">>crbuf.bb
@ T= $T + $X * 1
end
end
@ XK= $XK + $T ; @ XM= $XK / 1024; @ TM=
$T / 1024; echo "#S2 $TM $XM"
```

```
===== sql.env.tcp =====
```

```
:SERVER_SPEC = ( RDB2_TCP, SV1 ,TPCC ,
stalin , 2001 )
:DEFAULT_CONNECTION =
( SV1.TPCC,TPCC,fuji1 )
;;; SERVER_SPEC = ( RDB2_TCP,
SV1 ,TPCC ,tpcNo1-1 , 2001 )
```

```
SERVER_SPEC = ( RDB2_TCP,
SV1 ,TPCC ,tpcNo1 , 2002 )
;;;SERVER_SPEC = ( RDB2_TCP,
TPCC ,TPCC ,tpcNo1 , 2002 )
```

```
:DEFAULT_CONNECTION =
( SV1.TPCC,tpcc,acid...)
DEFAULT_CONNECTION = ( TPCC,tpcc,acid...)
;TRAN_SPEC = ( TRANSACTION_ROLLBACK)
```

```
TRAN_SPEC =
( TRANSACTION_ROLLBACK,PROCEDURE )
DESCRIPTOR_SPEC = ( 30,1 )
:BUFFER_SIZE = ( 16 )
WAIT_TIME = ( 0 )
NCHAR_CODE = ( EUC )
OPL_BUFFER_SIZE = ( 280 )
;;;CHARACTER_TRANSLATE = CLIENT
```

```
CHARACTER_TRANSLATE = CLIENT
```

```
;CHAR_CODE = EUC
RESULT_BUFFER = ( 4,1 )
;--- SQL_SNAP = (ON,c:\templtpcc.tcp.snap,2 )
;;;SQL_SNAP =
(ALL,c:\templtpcc.tcp.snap1116,2 )
;--- ROUTINE_SNAP =
(ON,/tmp/r_snap.1116,2);
;;;ROUTINE_SNAP =
(ON,/tmp/r_snap.1116_2,2);
```

```
;MSG_PRINT = ( ON )
DSO_LOCK =
(TPCC.ORDERLINE_DSO/EX,TPCC.HISTORY_
DSO/EX,TPCC.CUSTOMER_IX_DSO/SH,
TPCC.ITEM_DSO/SH,TPCC.NEWORDER
R_DSO/EX,TPCC.ORDERS_DSO/EX,
TPCC.NEWORDER_IX_DSO/EX,TPCC.O
RDERS_IX_DSO/EX)
:DSO_LOCK =
( TPCC.CUSTOMER_IX_DSO/SH,TPCC.ITEM_D
SO/SH )
SIGNAL_INF = NO
SORT_MEM_SIZE = 128
WORK_MEM_SIZE = 64
```

```
===== system =====
```

```
*ident "@(#)system 1.18 97/06/27 SMI" /
SVR4 1.5 */
```

```
* SYSTEM SPECIFICATION FILE
```

```
* moddir:
```

```
*
* Set the search path for modules. This has a
format similar to the
* csh path variable. If the module isn't found
in the first directory
* it tries the second and so on. The default is
/kernel /usr/kernel
*
* Example:
* moddir: /kernel /usr/kernel
/other/modules
```

```
* root device and root filesystem configuration:
```

```
*
* The following may be used to override the
defaults provided by
* the boot program:
```

```

* rootfs:          Set the filesystem type of
the root.
*
* rootdev:        Set the root device. This
should be a fully
*                expanded physical pathname.
The default is the
*                physical pathname of the
device where the boot
*                program resides. The physical
pathname is
*                highly platform and
configuration dependent.
*
* Example:
*   rootfs:ufs
*
*   rootdev:/sbus@1,f8000000/esp@0,800000/
sd@3,0:a
*
*   (Swap device configuration should be
specified in /etc/vfstab.)

* exclude:
*
*   Modules appearing in the moddir path
which are NOT to be loaded,
*   even if referenced. Note that `exclude'
accepts either a module name,
*   or a filename which includes the directory.
*
* Examples:
*   exclude: win
*   exclude: sys/shmsys

* forceload:
*
*   Cause these modules to be loaded at boot
time, (just before mounting
*   the root filesystem) rather than at first
reference. Note that
*   forceload expects a filename which includes
the directory. Also
*   note that loading a module does not
necessarily imply that it will
*   be installed.
*
* Example:
*   forceload: drv/foo

* set:
*
*   Set an integer variable in the kernel or a
module to a new value.
*   This facility should be used with caution.
See system(4).
*
* Examples:
*
*   To set variables in 'unix':
*
*   set nautopush=32
*   set maxusers=40

```

```

*
*   To set a variable named 'debug' in the
module named 'test_module'
*
*   set test_module:debug = 0x13

set dosynctodr=0

set maxusers = 40
set ufs_ninode=1280
set ncsz=512
set bufhwm=1024

set consistent_coloring=1

set sd:sd_max_throttle=32

set segspt_minfree = 0x4000
set minfree=512
set desfree=1024
set lotsfree=2048

set shmsys:shminfo_shmmax=0xffffffff
set rlim_fd_max=4096
set rlim_fd_cur=1024

set shmsys:shminfo_shmmni = 1024

set shmsys:shminfo_shmsegs = 512

set msgsys:msginfo_msgmap = 200
set msgsys:msginfo_msgmax = 16384
set msgsys:msginfo_msgmnb = 32768
set msgsys:msginfo_msgmni = 512
set msgsys:msginfo_msgseg = 31744

set semsys:seminfo_semmni = 24576
set semsys:seminfo_semmns = 18432
set semsys:seminfo_semmnu = 6144

set semsys:seminfo_semmns1 = 127

set ssd:ssd_error_level=0

set tune_t_fsflushr = 50
set autoup = 300

set disable_memscrub=1
set ecache_scrub_enable=0
set swapfs_minfree = 0x4000

===== tra.wup.pc =====

/* Item read */

EXEC SQL BEGIN DECLARE SECTION;
char   SQLSTATE[6];
int i_c;
short w_id;
short we_id;
short d_id;
int o_id;
int item_s;
int item_e;
int ic;
int i0,i1,i2,i3,i4,i5,i6,i7,i8,i9;

```

```

EXEC SQL END DECLARE SECTION;

main( int argc, char *argv[] ){
  int i;
  int ws=1,we=80;
  char sqlnormal[6] = "00000";

  if( argc == 3 ){
    ws = atoi( argv[1] );
    we = atoi( argv[2] );
  }else{
    printf("usage: tra.wup 0 ? \n");
    printf("or   : tra.wup 1 ? \n");
  }
  if( ws == 0 ){
    if( we != 0 ){
      printf(
"#executing:select count(*) from Item
where %d<I_ID<%d #it takes about 10sec\n"
,ws,we);
      item_s = we * 10000 - 10000 +
1 ;
      item_e = we * 10000;
      printf("I_ID=%d %d
\n",item_s,item_e);
      EXEC SQL SELECT COUNT(*)
INTO :i_c FROM TPCC_SCHEMA.ITEM
      WHERE I_ID
      > :item_s AND I_ID < :item_e;
    } else {
      printf(
"#executing:select count * from Item #it takes
about 5sec\n");
      EXEC SQL SELECT COUNT(*)
INTO :i_c FROM TPCC_SCHEMA.ITEM
      ;
    }
  }else if( ws == 1 ){
    printf(
"#executing:select count * from Item #it takes
about 20sec\n");
    for( i=0,i_c=0; i<100010; i+=10 ){
      i0=i ;i1=i+1;i2=i+2;i3=i+3;i4=i+4;

      i5=i+5;i6=i+6;i7=i+7;i8=i+8;i9=i+9;
      EXEC SQL SELECT COUNT(*)
INTO :ic FROM TPCC_SCHEMA.ITEM
      WHERE I_ID IN(
:i0,:i1,:i2,:i3,:i4,:i5,:i6,:i7,:i8,:i9
      );

      i_c += ic;
    }
  }
  EXEC SQL COMMIT WORK ;
  printf("number of item = %d \n",i_c);
  exit(0);
}

===== vfstab =====

#device          device          mount
FS fsck mount      mount
#to mount to fsck      point      type
pass at boot      options
#

```

```

#/dev/dsk/c1d0s2 /dev/rdsk/c1d0s2 /usr
ufs 1 yes -
fd - /dev/fd fd - no -
/proc - /proc proc - no -
/dev/dsk/c0t1d0s1 - swap - no -
/dev/dsk/c0t1d0s0 /dev/rdsk/c0t1d0s0 /
ufs 1 no -
swap - /tmp tmpfs - yes -

#/dev/dsk/c18t1d0s1 - swap -
no -
#/dev/dsk/c18t1d1s1 - swap -
no -
#/dev/dsk/c18t1d2s1 - swap -
no -
#/dev/dsk/c20t2d3s1 - swap -
no -
#/dev/dsk/c20t2d4s1 - swap -
no -
#/dev/dsk/c20t2d5s1 - swap -
no -
#/dev/dsk/c18t1d0s3 - swap -
no -
#/dev/dsk/c18t1d1s3 - swap -
no -
#/dev/dsk/c18t1d2s3 - swap -
no -
#/dev/dsk/c20t2d3s3 - swap -
no -
#/dev/dsk/c20t2d4s3 - swap -
no -
#/dev/dsk/c20t2d5s3 - swap -
no -
#/dev/dsk/c128t16d8s1 - swap -
no -
#/dev/dsk/c128t16d9s1 - swap -
no -
/dev/dsk/c129t17d13s1 - swap -
no -
/dev/dsk/c129t17d14s1 - swap -
no -
/dev/dsk/c130t16d8s1 - swap -
no -

/dev/dsk/c0t2d0s0 /dev/rdsk/c0t2d0s0 /root27
ufs 1 yes -
#/dev/dsk/c18t1d0s6 /dev/rdsk/c18t1d0s6
/rdbptc/RDBDIR/sys ufs - yes -
#/dev/dsk/c18t1d1s6 /dev/rdsk/c18t1d1s6
/rdbptc/RDBDIR/DIR_G1 ufs - yes -
#/dev/dsk/c18t1d2s6 /dev/rdsk/c18t1d2s6
/rdbptc/RDBDIR/DIR_G2 ufs - yes -
#/dev/dsk/c20t2d3s6 /dev/rdsk/c20t2d3s6
/rdbptc/RDBDIR/DIR_G3 ufs - yes -
#/dev/dsk/c20t2d4s6 /dev/rdsk/c20t2d4s6
/rdbptc/RDBDIR/DIR_G4 ufs - yes -
#/dev/dsk/c20t2d5s6 /dev/rdsk/c20t2d5s6
/rdbptc/RDBDIR/DIR_G5 ufs - yes -
/dev/dsk/c0t3d0s1 /dev/rdsk/c0t3d0s1
/rdbptc/RDBDIR/sys ufs - yes -
/dev/dsk/c0t4d0s1 /dev/rdsk/c0t4d0s1
/rdbptc/RDBDIR/DIR_G1 ufs - yes -
/dev/dsk/c0t5d0s1 /dev/rdsk/c0t5d0s1
/rdbptc/RDBDIR/DIR_G2 ufs - yes -
/dev/dsk/c1t2d0s1 /dev/rdsk/c1t2d0s1
/rdbptc/RDBDIR/DIR_G3 ufs - yes -
/dev/dsk/c1t3d0s1 /dev/rdsk/c1t3d0s1
/rdbptc/RDBDIR/DIR_G4 ufs - yes -

```

```

/dev/dsk/c1t4d0s1 /dev/rdsk/c1t4d0s1
/rdbptc/RDBDIR/DIR_G5 ufs - yes -
#/dev/dsk/c20t2d4s5 /dev/rdsk/c20t2d4s5
/rdbptc/DUMMYCORE ufs - yes -
/dev/dsk/c130t16d9s7 /dev/rdsk/c130t16d9s7
/rdbptc/DUMMYCORE ufs - yes -
#/dev/dsk/c15t2d5s7 /dev/rdsk/c15t2d5s7
/rdbsys2 ufs - yes -
/dev/dsk/c1t1d0s4 /dev/rdsk/c1t1d0s4 /rdbsys2
ufs - yes -
/dev/dsk/c1t5d0s1 /dev/rdsk/c1t5d0s1
/var/crash/tpcNo1 ufs - yes -
#/dev/dsk/c18t1d2s5 /dev/rdsk/c18t1d2s5
/rdbptc/KEKKA1 ufs - yes -
/dev/dsk/c130t16d9s1 /dev/rdsk/c130t16d9s1
/rdbptc/KEKKA1 ufs - yes -

===== RDBS.48cpu.19008WH.19
=====

#!/bin/csh -xf

# -----
-----
# OS SDP
TCP DIR LOG
# 1 2 3 4 5 1 2 3 4 5 1 2 3
4 5 1 2 3 4 5 1 2 3 4 5 Other
# -----
-----
fastsu psradm -n 0 1 2 3 4 5 6 7 8 9 10 11
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59
60 61 62 63
fastsu psradm -i 1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44
45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
61 62 63

fastsu psradm -n 14 15 16 17 18 19 20 21 22 23
24 25 26 27 28 29 30 31
fastsu psradm -i 0
fastsu psradm -f 33 35 37 39 41 43 45 47 49 51
53 55 57 59 61 63

#fastsu psrset -c 15 17 19 21 23 25 27 29 31
fastsu psrset -c 19 23 25 27 #31 15 29 17 21

#cpu20 24 qfe
##### TCP/IP tuning #####
fastsu ndd -set /dev/tcp tcp_rexmit_interval_min
1000
fastsu ndd -set /dev/tcp tcp_co_min 1500
fastsu ndd -set /dev/tcp tcp_deferred_ack_interval
5800

##### AIOSEP definitions #####
clr.sh
setenv RDBKAIOSPACENUM 38
setenv RDBKAIOSPMSEMKEY 0xdb0a0000
setenv RDBKAIOSPSEMKEY 0xdb0b0000
setenv RDB_DBG_PREAD_I 100 #15 #10 #20
setenv RDB_DBG_PREAD_OPT 10 #7 #15
##

```

```

setenv SEINO_RCP_LIMITER 200000 # 800
#400 #400
setenv SEINO_RCP_LIMITER_S 400 #170000
#30000# 200 #100 #160
setenv SEINO_RCP_SMALL 200 #1100
#700 #1100 NG? #700
setenv SEINO_RCP_MSIZ 20000 #20000
#2100 #20000 #4000
setenv SEINO_RCP_REPL_RATE 1000 # 100
#10 #100
setenv SEINO_RCP_LIMITER_TIME 480 #360
#1800 #360 #Default=780

setenv RDBKAIORATIODE 4 #2
# : $B%5%V6u4V (BREAD $B$N3d9g (B ($BJ,I
(B) $B!#@5$N@0?r:XDj# (B.
setenv RDBKAIORATIONU 3
# : $B%5%V6u4V (BREAD $B$N3d9g (B ($BJ;R
(B) $B!#@5$N@0?r:XDj# (B
setenv RDBSEINOLWPSEMKEY 0xdb0c0000
setenv PREAD_OPT_EXECUTA 16

cp /rdbptc/tpcc80/SYS/fssqlenv.RUN.5tpc.15
/rdbptc/tpcc80/SYS/fssqlenv
cp -p ../SYS/rdbpool.RUN ../SYS/rdbpool
cp -p ../SYS/rdbbuf.RUN ../SYS/rdbbuf
# -----
cp
/opt/FSUNrdb2b/etc/rdbsysconfig.48cpu.17.rcpfas
t_40maxdbio /opt/FSUNrdb2b/etc/rdbsysconfig

#cp -p rdbcwbuf.wk.17600WH rdbcwbuf.wk
#cp -p sh.crbuf.216.mk sh.crbuf.mk
#cp -p sh.crbuf.216.3.mk sh.crbuf.mk
#cp -p sh.crbuf.216.5.small_stock.mk sh.crbuf.mk
cp -p sh.crbuf.216.19.mk sh.crbuf.mk

cp -p conbf.sh.216 conbf.sh

RDBSTART
date
#sh.aios.bind.8wrt.2
#sh.aios.bind.36sdp
#date

===== RDBSTART =====

#!/usr/bin/sh -xf
# updated: 2 March 2000 ( new Toolkit for 64bit
Symfo ) by K.ozawa
rm -f /rdbptc/RDBCORE/core
KARI_PRT_DSI=40423 ; export KARI_PRT_DSI

#(0) Select environments (for number of cpu or
Memory size or ...)

MSG=#(1) Special options for test-----
-----'
#KARI_NOT_W_ST_CU=1; export
KARI_NOT_W_ST_CU

### 2000.8.17 add
SEINO_RCP_PRT1=000 ; export
SEINO_RCP_PRT1

RDB_DBG_PRT_AIOPROC=9
export RDB_DBG_PRT_AIOPROC

```



```

MSG=#(2) rdbstart and allocate DB Buffer pools--
-----'
RDBBUFPATH=/rdbptc/tpcc80/tpcc/b-
onsrc/rdbcwbuf.wk; export RDBBUFPATH
date; rdbstart ;date
rdb sar -m

rdbcrbufcw cw_env.comp

rdb sar -m
csh sh.crbuf.mk
sh sh.crbuf 2>crbf.wk.out1
rdb sar -m
timex rdbcrbf -f crbuf.aa 2>>crbf.wk.out1
timex rdbcrbf -f crbuf.bb 2>>crbf.wk.out1
grep -v qdg02630 crbf.wk.out1
sh conbf.sh
rdb sar -m
## dic pre-load
rdbpldic -U -d TPCC
rdb sar -m

MSG=#(3) ITEM read-----
-----'
RDBMSG=E ; export RDBMSG
SQLRTENV=sql.env ; export SQLRTENV
date; timex tra.wup 1 0 ;date #ITEM READ

MSG=#(4) check env-----
-----'
sar -r 1 1
swap -s
crbfadd.sh
date
cwenvchk

MSG=#(5) save env of rdbstart-----
-----'
echo "RDBSTART env" >
res.doc/RDBSTART.env
env >> res.doc/RDBSTART.env
cwenvchk >>res.doc/RDBSTART.env
crbfadd.sh >>res.doc/RDBSTART.env
rdb sar -m

MSG=#(6)Is rdb started? -----
-----'
rdbpid
if [ $? != 0 ]
then
echo "Error of RDBSTART
@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@@@@@@@@@@@@@@@@@@@@@@@@@@@@
exit 9
else
rdblog -V -a
MSG=OK. RDB is started.'
exit 0
fi

===== RDBSTOP =====

#!/bin/csh -f

```

```

rm -rf /tmp/ipterm.csh
rdbpid
set rdbcheck = $status
date
if( $rdbcheck == 1 ) then
echo "RDB is not started"
exit 1
endif

fastsu psrset -d 1
fastsu psrset -d 2

set varbose
timex rdbrcp

date;
sleep 3
echo "RDB stoping"
sleep 5
#timex rdbstop
rdbstop
set rdbcheck = $status
date
#if( $rdbcheck == 1 ) then
if( $rdbcheck != 0 ) then
echo "RDBSTOP: Error @@@@
exit 1
endif

rdbpid
set rdbcheck = $status
date
if( $rdbcheck == 1 ) then
clr.sh
endif

exit 0

===== Tuxedo65_2000.REG =====

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5]
"Install_Date"="2-21-2001"
"Major_Version"=dword:00000006
"Minor_Version"=dword:00000005
"Volume_Number"=dword:00000001
"User_Name"="fujitsu"
"Company_Name"="fujitsu"

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libf
ml.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libf
ml32.lib]

```

```

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libg
p.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibbuft.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibtux.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibtux2.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libbuft.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libtux.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libtux2.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libbuft.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libnws.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libnws.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libwsc.lib]

[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment]
"TUXDIR"="C:\TUXEDO"
"NLSPATH"="C:\TUXEDO\locale\LC"
"ULOGDIR"="C:\TUXEDO"
"ULOGPFX"="C:\ULOG"
"ULOGOUT"=dword:00000001
"TUXIPC_MSG_BYTES"=dword:00010000
"TUXIPC_MSG_HDRS"=dword:00001fc0
"TUXIPC_MSG_QUEUES"=dword:00000320
"TUXIPC_MSG_QUEUE_BYTES"=dword:000100
00
"TUXIPC_MSG_SEG_BYTES"=dword:00000040

```

```
"TUXIPC_MSG_SEGS"=dword:00007fff
"TUXIPC_PROC"=dword:00001770
"TUXIPC_SEM"=dword:00001770
"TUXIPC_SEM_IDS"=dword:00001770
"TUXIPC_SEM_UNDO"=dword:00001770
"TUXIPC_SHM_PROCS"=dword:000186a0
"TUXIPC_SHM_SEGS"=dword:0000c350
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment\Services]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment\Services\305
0]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\IPCResources]
"CurrentResource"="5060"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\IPCResources\5060]
"TUXIPC_MSG_BYTES"=dword:00010000
"TUXIPC_MSG_HDRS"=dword:00001fc0
"TUXIPC_MSG_QUEUEUES"=dword:00000320
"TUXIPC_MSG_QUEUE_BYTES"=dword:000100
00
"TUXIPC_MSG_SEG_BYTES"=dword:00000040
"TUXIPC_MSG_SEGS"=dword:00007fff
"TUXIPC_PROC"=dword:00001770
"TUXIPC_SEM"=dword:00001770
"TUXIPC_SEM_IDS"=dword:00001770
"TUXIPC_SEM_UNDO"=dword:00001770
"TUXIPC_SHM_PROCS"=dword:000186a0
"TUXIPC_SHM_SEGS"=dword:0000c350
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\SECURITY]
```

===== Tuxedo65_NT.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5]
"Install_Date"="2-21-2001"
"Major_Version"=dword:00000006
"Minor_Version"=dword:00000005
"Volume_Number"=dword:00000001
"User_Name"="fujitsu"
"Company_Name"="tpc"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libf
ml.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libf
ml32.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\All\libg
p.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibbuff.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibtux.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Client\l
ibtux2.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libbuff.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libtux.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Server
\libtux2.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libbuff.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libnwi.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libnws.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Developer\Libraries\Workst
ation\libwsc.lib]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment]
"TUXDIR"="C:\TUXEDO"
"NLS_PATH"="C:\TUXEDO\locale\C"
"ULOGDIR"="C:\TUXEDO"
"ULOGPF"="C:\ULOG"
"ULOGOUT"=dword:00000001
"TUXIPC_MSG_BYTES"=dword:00010000
"TUXIPC_MSG_HDRS"=dword:00001fc0
"TUXIPC_MSG_QUEUEUES"=dword:00000320
```

```
"TUXIPC_MSG_QUEUE_BYTES"=dword:000100
00
```

```
"TUXIPC_MSG_SEG_BYTES"=dword:00000040
"TUXIPC_MSG_SEGS"=dword:00007fff
"TUXIPC_PROC"=dword:00001770
"TUXIPC_SEM"=dword:00001770
"TUXIPC_SEM_IDS"=dword:00001770
"TUXIPC_SEM_UNDO"=dword:00001770
"TUXIPC_SHM_PROCS"=dword:000186a0
"TUXIPC_SHM_SEGS"=dword:0000c350
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment\Services]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\Environment\Services\305
0]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\IPCResources]
"CurrentResource"="5060"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\IPCResources\5060]
"TUXIPC_MSG_BYTES"=dword:00010000
"TUXIPC_MSG_HDRS"=dword:00001fc0
"TUXIPC_MSG_QUEUEUES"=dword:00000320
"TUXIPC_MSG_QUEUE_BYTES"=dword:000100
00
"TUXIPC_MSG_SEG_BYTES"=dword:00000040
"TUXIPC_MSG_SEGS"=dword:00007fff
"TUXIPC_PROC"=dword:00001770
"TUXIPC_SEM"=dword:00001770
"TUXIPC_SEM_IDS"=dword:00001770
"TUXIPC_SEM_UNDO"=dword:00001770
"TUXIPC_SHM_PROCS"=dword:000186a0
"TUXIPC_SHM_SEGS"=dword:0000c350
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\BEA
Systems\TUXEDO\6.5\SECURITY]
```

===== envfile0.txt =====

```
SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=0
```

===== envfile1.txt =====

```
SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=1
```

===== envfile2.txt =====

```
SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=2
```

===== envfile3.txt =====

```
SQLRTENV=c:\sv-apl\fm\sql.env.tcp
```

RDBCPU=3

===== envfile4.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=4

===== envfile5.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=5

===== envfile6.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=6

===== envfile7.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=7

===== envfile8.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=8

===== envfile9.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=9

===== envfile10.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=10

===== envfile11.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=11

===== envfile12.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=12

===== envfile13.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=13

===== envfile16.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=16

===== envfile18.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=18

===== envfile22.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=22

===== envfile26.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=26

===== envfile28.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=28

===== envfile30.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=30

===== envfile32.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=32

===== envfile34.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=34

===== envfile36.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=36

===== envfile38.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=38

===== envfile40.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=40

===== envfile42.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=42

===== envfile44.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=44

===== envfile46.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=46

===== envfile48.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=48

===== envfile50.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=50

===== envfile52.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=52

===== envfile54.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=54

===== envfile56.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=56

==== envfile58.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=58

==== envfile60.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=60

==== envfile62.txt =====

SQLRTENV=c:\sv-apl\fm\sql.env.tcp
RDBCPU=62

==== fujitsu01.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00000001
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu02.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00001735
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu03.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00002e69
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu04.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000459d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu05.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00005cd1
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu06.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00007405
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu07.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00008b39
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu08.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000a26d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu09.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000b9a1
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu10.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000d0d5
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu11.reg =====

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000e809
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu12.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0000ff3d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

==== fujitsu13.REG =====

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]

```

"Term_Base"=dword:00011671
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu14.REG =====

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00012da5
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu15.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:000144d9
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu16.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00015c0d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu17.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00017341
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

```

```

===== fujitsu18.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00018a75
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu19.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0001a1a9
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu20.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0001b8dd
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu21.reg =====

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0001d011
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu22.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0001e745
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680

```

```

"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu23.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0001fe79
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu24.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:000215ad
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu25.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00022ce1
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu26.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00024415
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000

===== fujitsu27.REG =====

REGEDIT4

```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:00025b49
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== fujitsu28.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0002727d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== fujitsu29.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:000289b1
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== fujitsu30.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0002a0e5
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== fujitsu31.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0002b819
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== fujitsu32.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Fujitsu\T
PC-C ISAPI Application]
"Term_Base"=dword:0002cf4d
"NumWarehouses"=dword:00004a40
"MaxUsers"=dword:0002e680
"MaxTerm of Client"=dword:00001734
"CONTROL_Flag"=dword:00000000
```

===== InetInfo01.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,:"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,:"=""
"image/jpeg,jpe,:"=""
"image/bmp,bmp,:"=""
"application/octet-stream,*,"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhelp,hlp,5"=""
"video/mpeg,mpeg,:"=""
"video/mpeg,mpg,:"=""
"video/mpeg,mpe,:"=""
"video/x-msvideo,avi,:"=""
"video/quicktime,qt,:"=""
"video/quicktime,mov,:"=""
"video/x-sgi-movie,movie,:"=""
"x-world/x-vmrl,vrl,5"=""
"x-world/x-vmrl,xaf,5"=""
"x-world/x-vmrl,xof,5"=""
```

```
"x-world/x-vmrl,flr,5"=""
"x-world/x-vmrl,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,frm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tf,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,:"=""
"audio/basic,snd,:"=""
"audio/x-aiff,aif,:"=""
"audio/x-aiff,aiff,:"=""
"audio/x-aiff,aifc,:"=""
"audio/x-wav,wav,:"=""
"audio/x-pn-realaudio,ram,:"=""
"image/ief,ief,:"=""
"image/tiff,tif,:"=""
"image/tiff,tif,:"=""
"image/x-cmu-raster,ras,:"=""
"image/x-portable-anymap,pnm,:"=""
"image/x-portable-bitmap,pbm,:"=""
"image/x-portable-graymap,pgm,:"=""
"image/x-portable-pixmap,ppm,:"=""
```

```
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-sectext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo02.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhlp,hlp,,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vmrl,wrl,,5"=""
```

```
"x-world/x-vmrl,xaf,,5"=""
"x-world/x-vmrl,xof,,5"=""
"x-world/x-vmrl,flr,,5"=""
"x-world/x-vmrl,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,rm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
```

```
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-sectext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo03.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhlp,hlp,,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
```

```

"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,rm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,:"=""
"image/tiff,tiff,:"=""
"image/tiff,tif,:"=""
"image/x-cmu-raster,ras,:"=""

```

```

"image/x-portable-anymap,pnm,:"=""
"image/x-portable-bitmap,pbm,:"=""
"image/x-portable-graymap,pgm,:"=""
"image/x-portable-pixmap,ppm,:"=""
"image/x-rgb,rgb,:"=""
"image/x-xbitmap,xbm,:"=""
"image/x-xpixmap,xpm,:"=""
"image/x-xwindowdump,xwd,:"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""

```

===== InetInfo04.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,:"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,:"=""
"image/jpeg,jpe,:"=""
"image/bmp,bmp,:"=""
"application/octet-stream,* ,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhelp,hlp,5"=""
"video/mpeg,mpeg,:"=""
"video/mpeg,mpg,:"=""
"video/mpeg,mpe,:"=""
"video/x-msvideo,avi,<"=""

```

```

"video/quicktime,qt,:"=""
"video/quicktime,mov,:"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,rm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,:"=""
"image/tiff,tiff,:"=""

```



```

"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h,,"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""

```

```

===== InetInfo05.REG =====

```

```

REGEDIT4

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""

```

```

"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clp,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,slt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,tm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""

```

```

"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h,,"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""

```

```

===== InetInfo06.REG =====

```

```

REGEDIT4

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""

```

```

"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,,"=""
"x-world/x-vrml,xaf,,"=""
"x-world/x-vrml,xof,,"=""
"x-world/x-vrml,flr,,"=""
"x-world/x-vrml,wrz,,"=""
"application/x-director,dcr,,"=""
"application/x-director,dir,,"=""
"application/x-director,dxr,,"=""
"image/cis-cod,cod,,"=""
"image/x-cmx,cmx,,"=""
"application/envoy,envy,,"=""
"application/x-msaccess,mdb,,"=""
"application/x-mscardfile,crd,,"=""
"application/x-msclip,clip,,"=""
"application/octet-stream,exe,,"=""
"application/x-msexcel,xla,,"=""
"application/x-msexcel,xlc,,"=""
"application/x-msexcel,xlm,,"=""
"application/x-msexcel,xls,,"=""
"application/x-msexcel,xlt,,"=""
"application/x-msexcel,xlw,,"=""
"application/x-msmediaview,m13,,"=""
"application/x-msmediaview,m14,,"=""
"application/x-msmoney,mny,,"=""
"application/x-mspowerpoint,ppt,,"=""
"application/x-msproject,mpp,,"=""
"application/x-mspublisher,pub,,"=""
"application/x-sterminal,tm,,"=""
"application/x-msworks,wks,,"=""
"application/x-mswrite,wri,,"=""
"application/x-msmetafile,wmf,,"=""
"application/x-csh,csh,,"=""
"application/x-dvi,dvi,,"=""
"application/x-hdf,hdf,,"=""
"application/x-latex,latex,,"=""
"application/x-netcdf,nc,,"=""
"application/x-netcdf,cdf,,"=""
"application/x-sh,sh,,"=""
"application/x-tcl,tcl,,"=""
"application/x-tex,tex,,"=""
"application/x-texinfo,texinfo,,"=""
"application/x-texinfo,texi,,"=""
"application/x-troff,t,,"=""
"application/x-troff,tr,,"=""
"application/x-troff,roff,,"=""
"application/x-troff-man,man,,"=""
"application/x-troff-me,me,,"=""
"application/x-troff-ms,ms,,"=""
"application/x-wais-source,src,,"=""
"application/x-bcpio,bcpio,,"=""
"application/x-cpio,cpio,,"=""
"application/x-gtar,gtar,,"=""
"application/x-shar,shar,,"=""
"application/x-sv4cpio,sv4cpio,,"=""
"application/x-sv4crc,sv4crc,,"=""
"application/x-tar,tar,,"=""
"application/x-ustar,ustar,,"=""
"audio/basic,au,,"=""
"audio/basic,snd,,"=""
"audio/x-aiff,aif,,"=""
"audio/x-aiff,aiff,,"=""
"audio/x-aiff,aifc,,"=""

```

```

"audio/x-wav,wav,,"=""
"audio/x-pn-realaudio,ram,,"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h,,"=""
"text/plain,bas,,"=""
"text/plain,c,,"=""
"text/plain,h,,"=""
"text/richtext,rtx,,"=""
"text/tab-separated-values,tsv,,"=""
"text/x-setext,etx,,"=""
"application/x-perfmon,pmc,,"=""
"application/x-perfmon,pma,,"=""
"application/x-perfmon,pmr,,"=""
"application/x-perfmon,pml,,"=""
"application/x-perfmon,pmw,,"=""

```

===== InetInfo07.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h,,"=""
"image/gif,gif,g,,"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,,"=""
"text/html,html,h,,"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,,"=""
"application/pdf,pdf,,"=""
"application/octet-stream,bin,,"=""
"application/oda,oda,,"=""
"application/zip,zip,,"=""
"application/rtf,rtf,,"=""
"application/postscript,ps,,"=""
"application/postscript,ai,,"=""
"application/postscript,eps,,"=""
"application/mac-binhex40,hqx,,"=""
"application/msword,doc,,"=""

```

```

"application/msword,dot,,"=""
"application/winhlp,hlp,,"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,,"=""
"x-world/x-vrml,xaf,,"=""
"x-world/x-vrml,xof,,"=""
"x-world/x-vrml,flr,,"=""
"x-world/x-vrml,wrz,,"=""
"application/x-director,dcr,,"=""
"application/x-director,dir,,"=""
"application/x-director,dxr,,"=""
"image/cis-cod,cod,,"=""
"image/x-cmx,cmx,,"=""
"application/envoy,envy,,"=""
"application/x-msaccess,mdb,,"=""
"application/x-mscardfile,crd,,"=""
"application/x-msclip,clip,,"=""
"application/octet-stream,exe,,"=""
"application/x-msexcel,xla,,"=""
"application/x-msexcel,xlc,,"=""
"application/x-msexcel,xlm,,"=""
"application/x-msexcel,xls,,"=""
"application/x-msexcel,xlt,,"=""
"application/x-msexcel,xlw,,"=""
"application/x-msmediaview,m13,,"=""
"application/x-msmediaview,m14,,"=""
"application/x-msmoney,mny,,"=""
"application/x-mspowerpoint,ppt,,"=""
"application/x-msproject,mpp,,"=""
"application/x-mspublisher,pub,,"=""
"application/x-sterminal,tm,,"=""
"application/x-msworks,wks,,"=""
"application/x-mswrite,wri,,"=""
"application/x-msmetafile,wmf,,"=""
"application/x-csh,csh,,"=""
"application/x-dvi,dvi,,"=""
"application/x-hdf,hdf,,"=""
"application/x-latex,latex,,"=""
"application/x-netcdf,nc,,"=""
"application/x-netcdf,cdf,,"=""
"application/x-sh,sh,,"=""
"application/x-tcl,tcl,,"=""
"application/x-tex,tex,,"=""
"application/x-texinfo,texinfo,,"=""
"application/x-texinfo,texi,,"=""
"application/x-troff,t,,"=""
"application/x-troff,tr,,"=""
"application/x-troff,roff,,"=""
"application/x-troff-man,man,,"=""
"application/x-troff-me,me,,"=""
"application/x-troff-ms,ms,,"=""
"application/x-wais-source,src,,"=""
"application/x-bcpio,bcpio,,"=""
"application/x-cpio,cpio,,"=""
"application/x-gtar,gtar,,"=""
"application/x-shar,shar,,"=""
"application/x-sv4cpio,sv4cpio,,"=""
"application/x-sv4crc,sv4crc,,"=""
"application/x-tar,tar,,"=""
"application/x-ustar,ustar,,"=""
"audio/basic,au,,"=""
"audio/basic,snd,,"=""
"audio/x-aiff,aif,,"=""

```

```
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,;"=""
"image/tiff,tiff,;"=""
"image/tiff,tif,;"=""
"image/x-cmu-raster,ras,;"=""
"image/x-portable-anymap,pnm,;"=""
"image/x-portable-bitmap,pbm,;"=""
"image/x-portable-graymap,pgm,;"=""
"image/x-portable-pixmap,ppm,;"=""
"image/x-rgb,rgb,;"=""
"image/x-xbitmap,xbm,;"=""
"image/x-xpixmap,xpm,;"=""
"image/x-xwindowdump,xwd,;"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== InetInfo08.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,;"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,;"=""
"image/jpeg,jpe,;"=""
"image/bmp,bmp,;"=""
"application/octet-stream,* ,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rft,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
```

```
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,;"=""
"video/mpeg,mpg,;"=""
"video/mpeg,mpe,;"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,;"=""
"video/quicktime,mov,;"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dif,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,tm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
```

```
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,;"=""
"image/tiff,tiff,;"=""
"image/tiff,tif,;"=""
"image/x-cmu-raster,ras,;"=""
"image/x-portable-anymap,pnm,;"=""
"image/x-portable-bitmap,pbm,;"=""
"image/x-portable-graymap,pgm,;"=""
"image/x-portable-pixmap,ppm,;"=""
"image/x-rgb,rgb,;"=""
"image/x-xbitmap,xbm,;"=""
"image/x-xpixmap,xpm,;"=""
"image/x-xwindowdump,xwd,;"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== InetInfo09.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,;"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,;"=""
"image/jpeg,jpe,;"=""
"image/bmp,bmp,;"=""
"application/octet-stream,* ,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rft,rtf,5"=""
"application/postscript,ps,5"=""
```

```

"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,5"=""
"video/mpeg,mpg,5"=""
"video/mpeg,mpe,5"=""
"video/x-msvideo,avi,5"=""
"video/quicktime,qt,5"=""
"video/quicktime,mov,5"=""
"video/x-sgi-movie,movie,5"=""
"x-world/x-vmrl,wrl,5"=""
"x-world/x-vmrl,xaf,5"=""
"x-world/x-vmrl,xof,5"=""
"x-world/x-vmrl,flr,5"=""
"x-world/x-vmrl,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,envy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,frm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""

```

```

"application/x-ustar,ustar,5"=""
"audio/basic,au,5"=""
"audio/basic,snd,5"=""
"audio/x-aiff,aiff,5"=""
"audio/x-aiff,aifc,5"=""
"audio/x-wav,wav,5"=""
"audio/x-pn-realaudio,ram,5"=""
"image/ief,ief,5"=""
"image/tiff,tiff,5"=""
"image/tiff,tif,5"=""
"image/x-cmu-raster,ras,5"=""
"image/x-portable-anymap,pnm,5"=""
"image/x-portable-bitmap,pbm,5"=""
"image/x-portable-graymap,pgm,5"=""
"image/x-portable-pixmap,ppm,5"=""
"image/x-rgb,rgb,5"=""
"image/x-xbimap,xbm,5"=""
"image/x-xpixmap,xpm,5"=""
"image/x-xwindowdump,xwd,5"=""
"text/html,stm,5"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""

```

===== InetInfo10.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,5"=""
"image/gif,gif,5"=""
"image/jpeg,jpg,5"=""
"text/plain,txt,0"=""
"text/html,html,5"=""
"image/jpeg,jpeg,5"=""
"image/jpeg,jpe,5"=""
"image/bmp,bmp,5"=""
"application/octet-stream,*,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""

```

```

"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,5"=""
"video/mpeg,mpg,5"=""
"video/mpeg,mpe,5"=""
"video/x-msvideo,avi,5"=""
"video/quicktime,qt,5"=""
"video/quicktime,mov,5"=""
"video/x-sgi-movie,movie,5"=""
"x-world/x-vmrl,wrl,5"=""
"x-world/x-vmrl,xaf,5"=""
"x-world/x-vmrl,xof,5"=""
"x-world/x-vmrl,flr,5"=""
"x-world/x-vmrl,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,envy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,frm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-troff,t,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""

```

```
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo11.reg =====

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"ListenBackLog"=dword:00000019
"DispatchEntries"=hex(7):4c,00,44,00,41,00,50,00,
53,00,56,00,43,00,00,00,00,00
"BandwidthLevel"=dword:ffffff
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
```

```
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhelp,help,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vmrl,vrml,,5"=""
"x-world/x-vmrl,xaf,,5"=""
"x-world/x-vmrl,xof,,5"=""
"x-world/x-vmrl,flr,,5"=""
"x-world/x-vmrl,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,rm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
```

```
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo12.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
```

```

"image/bmp.bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf.pdf,,5"=""
"application/octet-stream.bin,,5"=""
"application/oda.oda,,5"=""
"application/zip.zip,,9"=""
"application/rtf.rtf,,5"=""
"application/postscript.ps,,5"=""
"application/postscript.ai,,5"=""
"application/postscript.eps,,5"=""
"application/mac-binhex40.hqx,,4"=""
"application/msword.doc,,5"=""
"application/msword.dot,,5"=""
"application/winhlp.hlp,,5"=""
"video/mpeg.mpeg,,"=""
"video/mpeg.mpg,,"=""
"video/mpeg.mpe,,"=""
"video/x-msvideo.avi,<,"=""
"video/quicktime.qt,,"=""
"video/quicktime.mov,,"=""
"video/x-sgi-movie.movie,<,"=""
"x-world/x-vmrl.wrl,,5"=""
"x-world/x-vmrl.xaf,,5"=""
"x-world/x-vmrl.xof,,5"=""
"x-world/x-vmrl.flr,,5"=""
"x-world/x-vmrl.wrz,,5"=""
"application/x-director.dcr,,5"=""
"application/x-director.dir,,5"=""
"application/x-director.dxr,,5"=""
"image/cis-cod.cod,,5"=""
"image/x-cmx.cmx,,5"=""
"application/envoy.evy,,5"=""
"application/x-msaccess.mdb,,5"=""
"application/x-mscardfile.crd,,5"=""
"application/x-msclip.clp,,5"=""
"application/octet-stream.exe,,5"=""
"application/x-msexcel.xla,,5"=""
"application/x-msexcel.xlc,,5"=""
"application/x-msexcel.xlm,,5"=""
"application/x-msexcel.xls,,5"=""
"application/x-msexcel.xlt,,5"=""
"application/x-msexcel.xlw,,5"=""
"application/x-msmediaview.m13,,5"=""
"application/x-msmediaview.m14,,5"=""
"application/x-msmoney.mny,,5"=""
"application/x-mspowerpoint.ppt,,5"=""
"application/x-msproject.mpp,,5"=""
"application/x-mspublisher.pub,,5"=""
"application/x-msterminal.trm,,5"=""
"application/x-msworks.wks,,5"=""
"application/x-mswrite.wri,,5"=""
"application/x-msmetafile.wmf,,5"=""
"application/x-csh.csh,,5"=""
"application/x-dvi.dvi,,5"=""
"application/x-hdf.hdf,,5"=""
"application/x-latex.latex,,5"=""
"application/x-netcdf.nc,,5"=""
"application/x-netcdf.cdf,,5"=""
"application/x-sh.sh,,5"=""
"application/x-tcl.tcl,,5"=""
"application/x-tex.tex,,5"=""
"application/x-texinfo.texinfo,,5"=""
"application/x-texinfo.texi,,5"=""
"application/x-troff.t,,5"=""
"application/x-troff.tr,,5"=""
"application/x-troff.roff,,5"=""
"application/x-troff-man.man,,5"=""
"application/x-troff-me.me,,5"=""
"application/x-troff-ms.ms,,5"=""

```

```

"application/x-wais-source.src,,7"=""
"application/x-bcpio.bcpio,,5"=""
"application/x-cpio.cpio,,5"=""
"application/x-gtar.gtar,,9"=""
"application/x-shar.shar,,5"=""
"application/x-sv4cpio.sv4cpio,,5"=""
"application/x-sv4crc.sv4crc,,5"=""
"application/x-tar.tar,,5"=""
"application/x-ustar.ustar,,5"=""
"audio/basic.au,<,"=""
"audio/basic.snd,<,"=""
"audio/x-aiff.aif,<,"=""
"audio/x-aiff.aiff,<,"=""
"audio/x-aiff.aifc,<,"=""
"audio/x-wav.wav,<,"=""
"audio/x-pn-realaudio.ram,<,"=""
"image/ief.ief,,"=""
"image/tiff.tiff,,"=""
"image/tiff.tif,,"=""
"image/x-cmu-raster.ras,,"=""
"image/x-portable-anymap.pnm,,"=""
"image/x-portable-bitmap.pbm,,"=""
"image/x-portable-graymap.pgm,,"=""
"image/x-portable-pixmap.ppm,,"=""
"image/x-rgb.rgb,,"=""
"image/x-xbitmap.xbm,,"=""
"image/x-xpixmap.xpm,,"=""
"image/x-xwindowdump.xwd,,"=""
"text/html.stm,h"=""
"text/plain.bas,,0"=""
"text/plain.c,,0"=""
"text/plain.h,,0"=""
"text/richtext.rtx,,0"=""
"text/tab-separated-values.tsv,,0"=""
"text/x-setext.etx,,0"=""
"application/x-perfmon.pmc,,5"=""
"application/x-perfmon.pma,,5"=""
"application/x-perfmon.pmr,,5"=""
"application/x-perfmon.pml,,5"=""
"application/x-perfmon.pmw,,5"=""

```

===== InetInfo13.reg =====

Windows Registry Editor Version 5.00

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"ListenBackLog"=dword:00000019
"DispatchEntries"=hex(7):4c,00,44,00,41,00,50,00,
53,00,56,00,43,00,00,00,00,00
"BandwidthLevel"=dword:ffffff
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\WmimeMap]
"text/html.htm,h"=""
"image/gif.gif,g"=""
"image/jpeg.jpg,,"=""

```

```

"text/plain.txt,,0"=""
"text/html.html,h"=""
"image/jpeg.jpeg,,"=""
"image/jpe.jpe,,"=""
"image/bmp.bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf.pdf,,5"=""
"application/octet-stream.bin,,5"=""
"application/oda.oda,,5"=""
"application/zip.zip,,9"=""
"application/rtf.rtf,,5"=""
"application/postscript.ps,,5"=""
"application/postscript.ai,,5"=""
"application/postscript.eps,,5"=""
"application/mac-binhex40.hqx,,4"=""
"application/msword.doc,,5"=""
"application/winhlp.hlp,,5"=""
"video/mpeg.mpeg,,"=""
"video/mpeg.mpg,,"=""
"video/mpeg.mpe,,"=""
"video/x-msvideo.avi,<,"=""
"video/quicktime.qt,,"=""
"video/quicktime.mov,,"=""
"video/x-sgi-movie.movie,<,"=""
"x-world/x-vmrl.wrl,,5"=""
"x-world/x-vmrl.xaf,,5"=""
"x-world/x-vmrl.xof,,5"=""
"x-world/x-vmrl.flr,,5"=""
"x-world/x-vmrl.wrz,,5"=""
"application/x-director.dcr,,5"=""
"application/x-director.dir,,5"=""
"application/x-director.dxr,,5"=""
"image/cis-cod.cod,,5"=""
"image/x-cmx.cmx,,5"=""
"application/envoy.evy,,5"=""
"application/x-msaccess.mdb,,5"=""
"application/x-mscardfile.crd,,5"=""
"application/x-msclip.clp,,5"=""
"application/octet-stream.exe,,5"=""
"application/x-msexcel.xla,,5"=""
"application/x-msexcel.xlc,,5"=""
"application/x-msexcel.xlm,,5"=""
"application/x-msexcel.xls,,5"=""
"application/x-msexcel.xlt,,5"=""
"application/x-msexcel.xlw,,5"=""
"application/x-msmediaview.m13,,5"=""
"application/x-msmediaview.m14,,5"=""
"application/x-msmoney.mny,,5"=""
"application/x-mspowerpoint.ppt,,5"=""
"application/x-msproject.mpp,,5"=""
"application/x-mspublisher.pub,,5"=""
"application/x-msterminal.trm,,5"=""
"application/x-msworks.wks,,5"=""
"application/x-mswrite.wri,,5"=""
"application/x-msmetafile.wmf,,5"=""
"application/x-csh.csh,,5"=""
"application/x-dvi.dvi,,5"=""
"application/x-hdf.hdf,,5"=""
"application/x-latex.latex,,5"=""
"application/x-netcdf.nc,,5"=""
"application/x-netcdf.cdf,,5"=""
"application/x-sh.sh,,5"=""
"application/x-tcl.tcl,,5"=""
"application/x-tex.tex,,5"=""
"application/x-texinfo.texinfo,,5"=""
"application/x-texinfo.texi,,5"=""
"application/x-troff.t,,5"=""
"application/x-troff.tr,,5"=""

```

```
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwinddump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo14.reg =====

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"ListenBackLog"=dword:00000019
"DispatchEntries"=hex(7):4c,00,44,00,41,00,50,00,
53,00,56,00,43,00,00,00,00,00
"BandwidthLevel"=dword:ffffff
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream.bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rft,rft,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhelp,help,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vmrl,wrl,,5"=""
"x-world/x-vmrl,xaf,,5"=""
"x-world/x-vmrl,xof,,5"=""
"x-world/x-vmrl,flr,,5"=""
"x-world/x-vmrl,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,trm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-mstafefile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
```

```
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwinddump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo15.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
```

"NumDenySites"=dword:00000000

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]

"text/html,html,h"=""
 "image/gif,gif,g"=""
 "image/jpeg,jpg,,"=""
 "text/plain,txt,0"=""
 "text/html,html,h"=""
 "image/jpeg,jpeg,,"=""
 "image/jpeg,jpe,,"=""
 "image/bmp,bmp,,"=""
 "application/octet-stream,*,,5"=""
 "application/pdf,pdf,,"=""
 "application/octet-stream,bin,,5"=""
 "application/oda,oda,5"=""
 "application/zip,zip,9"=""
 "application/rtf,rtf,5"=""
 "application/postscript,ps,5"=""
 "application/postscript,ai,5"=""
 "application/postscript,eps,5"=""
 "application/mac-binhex40,hqx,4"=""
 "application/msword,doc,5"=""
 "application/msword,dot,5"=""
 "application/winhlp,hlp,5"=""
 "video/mpeg,mpeg,,"=""
 "video/mpeg,mpg,,"=""
 "video/mpeg,mpe,,"=""
 "video/x-msvideo,avi,<"=""
 "video/quicktime,qt,,"=""
 "video/quicktime,mov,,"=""
 "video/x-sgi-movie,movie,<"=""
 "x-world/x-vmrl,wrl,5"=""
 "x-world/x-vmrl,xaf,5"=""
 "x-world/x-vmrl,xof,5"=""
 "x-world/x-vmrl,flr,5"=""
 "x-world/x-vmrl,wrz,5"=""
 "application/x-director,dcr,5"=""
 "application/x-director,dir,5"=""
 "application/x-director,dxr,5"=""
 "image/cis-cod,cod,5"=""
 "image/x-cmx,cmx,5"=""
 "application/envoy,evy,5"=""
 "application/x-msaccess,mdb,5"=""
 "application/x-mscardfile,crd,5"=""
 "application/x-msclip,clip,5"=""
 "application/octet-stream,exe,5"=""
 "application/x-msexcel,xla,5"=""
 "application/x-msexcel,xlc,5"=""
 "application/x-msexcel,xlm,5"=""
 "application/x-msexcel,xls,5"=""
 "application/x-msexcel,xlt,5"=""
 "application/x-msexcel,xlw,5"=""
 "application/x-msmediaview,m13,5"=""
 "application/x-msmediaview,m14,5"=""
 "application/x-msmoney,mny,5"=""
 "application/x-mspowerpoint,ppt,5"=""
 "application/x-msproject,mpp,5"=""
 "application/x-mspublisher,pub,5"=""
 "application/x-msterial,rm,5"=""
 "application/x-msworks,wks,5"=""
 "application/x-mswrite,wri,5"=""
 "application/x-msmetafile,wmf,5"=""
 "application/x-csh,csh,5"=""
 "application/x-dvi,dvi,5"=""
 "application/x-hdf,hdf,5"=""
 "application/x-latex,latex,5"=""
 "application/x-netcdf,nc,5"=""
 "application/x-netcdf,cdf,5"=""

"application/x-sh,sh,,5"=""
 "application/x-tcl,tcl,5"=""
 "application/x-tex,tex,5"=""
 "application/x-texinfo,texinfo,5"=""
 "application/x-texinfo,txi,5"=""
 "application/x-troff,t,5"=""
 "application/x-troff,tr,5"=""
 "application/x-troff,roff,5"=""
 "application/x-troff-man,man,5"=""
 "application/x-troff-me,me,5"=""
 "application/x-troff-ms,ms,5"=""
 "application/x-wais-source,src,7"=""
 "application/x-bcpio,bcpio,5"=""
 "application/x-cpio,cpio,5"=""
 "application/x-gtar,gtar,9"=""
 "application/x-shar,shar,5"=""
 "application/x-sv4cpio,sv4cpio,5"=""
 "application/x-sv4crc,sv4crc,5"=""
 "application/x-tar,tar,5"=""
 "application/x-ustar,ustar,5"=""
 "audio/basic,au,<"=""
 "audio/basic,snd,<"=""
 "audio/x-aiff,aif,<"=""
 "audio/x-aiff,aiff,<"=""
 "audio/x-aiff,aifc,<"=""
 "audio/x-wav,wav,<"=""
 "audio/x-pn-realaudio,ram,<"=""
 "image/ief,ief,,"=""
 "image/tiff,tiff,,"=""
 "image/tiff,tif,,"=""
 "image/x-cmu-raster,ras,,"=""
 "image/x-portable-anymap,pnm,,"=""
 "image/x-portable-bitmap,pbm,,"=""
 "image/x-portable-grayscale,pgm,,"=""
 "image/x-portable-pixmap,ppm,,"=""
 "image/x-rgb,rgb,,"=""
 "image/x-xbimap,xbm,,"=""
 "image/x-xpixmap,xpm,,"=""
 "image/x-xwd,xwd,,"=""
 "text/html,stm,h"=""
 "text/plain,bas,0"=""
 "text/plain,c,0"=""
 "text/plain,h,0"=""
 "text/richtext,rtx,0"=""
 "text/tab-separated-values,tsv,0"=""
 "text/x-setext,etx,0"=""
 "application/x-perfmon,pmc,5"=""
 "application/x-perfmon,pma,5"=""
 "application/x-perfmon,pmr,5"=""
 "application/x-perfmon,pml,5"=""
 "application/x-perfmon,pmw,5"=""

===== InetInfo16.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]

"BandwidthLevel"=dword:ffffff
 "ListenBackLog"=dword:00000019
 "MemoryCacheSize"=dword:00000000
 "ObjectCacheTTL"=dword:ffffff
 "PoolThreadLimit"=dword:00000267

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]

"FilterType"=dword:00000000

"NumGrantSites"=dword:00000000

"NumDenySites"=dword:00000000

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]

"text/html,html,h"=""
 "image/gif,gif,g"=""
 "image/jpeg,jpg,,"=""
 "text/plain,txt,0"=""
 "text/html,html,h"=""
 "image/jpeg,jpeg,,"=""
 "image/jpeg,jpe,,"=""
 "image/bmp,bmp,,"=""
 "application/octet-stream,*,,5"=""
 "application/pdf,pdf,5"=""
 "application/octet-stream,bin,,5"=""
 "application/oda,oda,5"=""
 "application/zip,zip,9"=""
 "application/rtf,rtf,5"=""
 "application/postscript,ps,5"=""
 "application/postscript,ai,5"=""
 "application/postscript,eps,5"=""
 "application/mac-binhex40,hqx,4"=""
 "application/msword,doc,5"=""
 "application/msword,dot,5"=""
 "application/winhlp,hlp,5"=""
 "video/mpeg,mpeg,,"=""
 "video/mpeg,mpg,,"=""
 "video/mpeg,mpe,,"=""
 "video/x-msvideo,avi,<"=""
 "video/quicktime,qt,,"=""
 "video/quicktime,mov,,"=""
 "video/x-sgi-movie,movie,<"=""
 "x-world/x-vmrl,wrl,5"=""
 "x-world/x-vmrl,xaf,5"=""
 "x-world/x-vmrl,xof,5"=""
 "x-world/x-vmrl,flr,5"=""
 "x-world/x-vmrl,wrz,5"=""
 "application/x-director,dcr,5"=""
 "application/x-director,dir,5"=""
 "application/x-director,dxr,5"=""
 "image/cis-cod,cod,5"=""
 "image/x-cmx,cmx,5"=""
 "application/envoy,evy,5"=""
 "application/x-msaccess,mdb,5"=""
 "application/x-mscardfile,crd,5"=""
 "application/x-msclip,clip,5"=""
 "application/octet-stream,exe,5"=""
 "application/x-msexcel,xla,5"=""
 "application/x-msexcel,xlc,5"=""
 "application/x-msexcel,xlm,5"=""
 "application/x-msexcel,xls,5"=""
 "application/x-msexcel,xlt,5"=""
 "application/x-msexcel,xlw,5"=""
 "application/x-msmediaview,m13,5"=""
 "application/x-msmediaview,m14,5"=""
 "application/x-msmoney,mny,5"=""
 "application/x-mspowerpoint,ppt,5"=""
 "application/x-msproject,mpp,5"=""
 "application/x-mspublisher,pub,5"=""
 "application/x-msterial,rm,5"=""
 "application/x-msworks,wks,5"=""
 "application/x-mswrite,wri,5"=""
 "application/x-msmetafile,wmf,5"=""
 "application/x-csh,csh,5"=""
 "application/x-dvi,dvi,5"=""
 "application/x-hdf,hdf,5"=""
 "application/x-latex,latex,5"=""


```

"application/x-netcdf.nc,,5"=""
"application/x-netcdf.cdf,,5"=""
"application/x-sh.sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex.tex,,5"=""
"application/x-texinfo.texinfo,,5"=""
"application/x-texinfo.texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff.tr,,5"=""
"application/x-troff.roff,,5"=""
"application/x-troff-man.man,,5"=""
"application/x-troff-me.me,,5"=""
"application/x-troff-ms.ms,,5"=""
"application/x-wais-source.src,,7"=""
"application/x-bcpio.bcpio,,5"=""
"application/x-cpio.cpio,,5"=""
"application/x-gtar.gtar,,9"=""
"application/x-shar.shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar.tar,,5"=""
"application/x-ustar.ustar,,5"=""
"audio/basic.au,,<"=""
"audio/basic.snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio.ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster.ras,,:"=""
"image/x-portable-anymap.pnm,,:"=""
"image/x-portable-bitmap.pbm,,:"=""
"image/x-portable-graymap.pgm,,:"=""
"image/x-portable-pixmap.ppm,,:"=""
"image/x-rgb.rgb,,:"=""
"image/x-xbitmap.xbm,,:"=""
"image/x-xpixmap.xpm,,:"=""
"image/x-xwindowdump.xwd,,:"=""
"text/html.stm,,h"=""
"text/plain.bas,,0"=""
"text/plain.c,,0"=""
"text/plain.h,,0"=""
"text/richtext.rtx,,0"=""
"text/tab-separated-values.tsv,,0"=""
"text/x-setext.etx,,0"=""
"application/x-perfmon.pmc,,5"=""
"application/x-perfmon.pma,,5"=""
"application/x-perfmon.pmr,,5"=""
"application/x-perfmon.pml,,5"=""
"application/x-perfmon.pmw,,5"=""

```

===== InetInfo17.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html.htm,,h"=""
"image/gif.gif,,g"=""
"image/jpeg.jpg,,:"=""
"text/plain.txt,,0"=""
"text/html.html,,h"=""
"image/jpeg.jpeg,,:"=""
"image/jpeg.jpe,,:"=""
"image/bmp.bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf.pdf,,5"=""
"application/octet-stream.bin,,5"=""
"application/oda.oda,,5"=""
"application/zip.zip,,9"=""
"application/rtf.rtf,,5"=""
"application/postscript.ps,,5"=""
"application/postscript.ai,,5"=""
"application/postscript.eps,,5"=""
"application/mac-binhex40.hqx,,4"=""
"application/msword.doc,,5"=""
"application/msword.dot,,5"=""
"application/winhelp.hp,,5"=""
"video/mpeg.mpeg,,:"=""
"video/mpeg.mpg,,:"=""
"video/mpeg.mpe,,:"=""
"video/x-msvideo.avi,,<"=""
"video/quicktime.qt,,:"=""
"video/quicktime.mov,,:"=""
"video/x-sgi-movie.movie,,<"=""
"x-world/x-vrml.wrl,,5"=""
"x-world/x-vrml.xaf,,5"=""
"x-world/x-vrml.xof,,5"=""
"x-world/x-vrml.flr,,5"=""
"x-world/x-vrml.wrz,,5"=""
"application/x-director.dcr,,5"=""
"application/x-director.dir,,5"=""
"application/x-director.dxr,,5"=""
"image/cis-cod.cod,,5"=""
"image/x-cmx.cmx,,5"=""
"application/envoy.evy,,5"=""
"application/x-msaccess.mdb,,5"=""
"application/x-mscardfile.crd,,5"=""
"application/x-msclip.clip,,5"=""
"application/octet-stream.exe,,5"=""
"application/x-msexcel.xla,,5"=""
"application/x-msexcel.xlc,,5"=""
"application/x-msexcel.xlm,,5"=""
"application/x-msexcel.xls,,5"=""
"application/x-msexcel.xlt,,5"=""
"application/x-msexcel.xlw,,5"=""
"application/x-msmediaview.m13,,5"=""
"application/x-msmediaview.m14,,5"=""
"application/x-msmoney.mny,,5"=""
"application/x-mspowerpoint.ppt,,5"=""
"application/x-msproject.mpp,,5"=""
"application/x-mspublisher.pub,,5"=""
"application/x-msterminal.trm,,5"=""
"application/x-msworks.wks,,5"=""
"application/x-mswrite.wri,,5"=""
"application/x-msmetafile.wmf,,5"=""
"application/x-csh.csh,,5"=""
"application/x-dvi.dvi,,5"=""

```

```

"application/x-hdf.hdf,,5"=""
"application/x-latex.latex,,5"=""
"application/x-netcdf.nc,,5"=""
"application/x-netcdf.cdf,,5"=""
"application/x-sh.sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex.tex,,5"=""
"application/x-texinfo.texinfo,,5"=""
"application/x-texinfo.texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff.tr,,5"=""
"application/x-troff.roff,,5"=""
"application/x-troff-man.man,,5"=""
"application/x-troff-me.me,,5"=""
"application/x-troff-ms.ms,,5"=""
"application/x-wais-source.src,,7"=""
"application/x-bcpio.bcpio,,5"=""
"application/x-cpio.cpio,,5"=""
"application/x-gtar.gtar,,9"=""
"application/x-shar.shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar.tar,,5"=""
"application/x-ustar.ustar,,5"=""
"audio/basic.au,,<"=""
"audio/basic.snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio.ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster.ras,,:"=""
"image/x-portable-anymap.pnm,,:"=""
"image/x-portable-bitmap.pbm,,:"=""
"image/x-portable-graymap.pgm,,:"=""
"image/x-portable-pixmap.ppm,,:"=""
"image/x-rgb.rgb,,:"=""
"image/x-xbitmap.xbm,,:"=""
"image/x-xpixmap.xpm,,:"=""
"image/x-xwindowdump.xwd,,:"=""
"text/html.stm,,h"=""
"text/plain.bas,,0"=""
"text/plain.c,,0"=""
"text/plain.h,,0"=""
"text/richtext.rtx,,0"=""
"text/tab-separated-values.tsv,,0"=""
"text/x-setext.etx,,0"=""
"application/x-perfmon.pmc,,5"=""
"application/x-perfmon.pma,,5"=""
"application/x-perfmon.pmr,,5"=""
"application/x-perfmon.pml,,5"=""
"application/x-perfmon.pmw,,5"=""

```

===== InetInfo18.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff

```

"PoolThreadLimit"=dword:00000267

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
 "FilterType"=dword:00000000
 "NumGrantSites"=dword:00000000
 "NumDenySites"=dword:00000000

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
 "text/html,html,h"=""
 "image/gif,gif,g"=""
 "image/jpeg,jpg,,"=""
 "text/plain,txt,0"=""
 "text/html,html,h"=""
 "image/jpeg,jpeg,,"=""
 "image/jpeg,jpe,,"=""
 "image/bmp,bmp,,"=""
 "application/octet-stream,*,,5"=""
 "application/pdf,pdf,5"=""
 "application/octet-stream,bin,5"=""
 "application/oda,oda,5"=""
 "application/zip,zip,9"=""
 "application/rtf,rtf,5"=""
 "application/postscript,ps,5"=""
 "application/postscript,ai,5"=""
 "application/postscript,eps,5"=""
 "application/mac-binhex40,hqx,4"=""
 "application/msword,doc,5"=""
 "application/msword,dot,5"=""
 "application/winhelp,hlp,5"=""
 "video/mpeg,mpeg,,"=""
 "video/mpeg,mpg,,"=""
 "video/mpeg,mpe,,"=""
 "video/x-msvideo,avi,<"=""
 "video/quicktime,qt,,"=""
 "video/quicktime,mov,,"=""
 "video/x-sgi-movie,movie,<"=""
 "x-world/x-vrml,wrl,5"=""
 "x-world/x-vrml,xaf,5"=""
 "x-world/x-vrml,xof,5"=""
 "x-world/x-vrml,flr,5"=""
 "x-world/x-vrml,wrz,5"=""
 "application/x-director,dcr,5"=""
 "application/x-director,dir,5"=""
 "application/x-director,dxr,5"=""
 "image/cis-cod,cod,5"=""
 "image/x-cmx,cmx,5"=""
 "application/envoy,envy,5"=""
 "application/x-msaccess,mdb,5"=""
 "application/x-mscardfile,crd,5"=""
 "application/x-msclip,clip,5"=""
 "application/octet-stream,exe,5"=""
 "application/x-msexcel,xla,5"=""
 "application/x-msexcel,xlc,5"=""
 "application/x-msexcel,xlm,5"=""
 "application/x-msexcel,xls,5"=""
 "application/x-msexcel,xlt,5"=""
 "application/x-msexcel,xlw,5"=""
 "application/x-msmediaview,m13,5"=""
 "application/x-msmediaview,m14,5"=""
 "application/x-msmoney,mny,5"=""
 "application/x-mspowerpoint,ppt,5"=""
 "application/x-msproject,mpp,5"=""
 "application/x-mspublisher,pub,5"=""
 "application/x-msterminal,frm,5"=""
 "application/x-msworks,wks,5"=""
 "application/x-mswrite,wri,5"=""
 "application/x-msmetafile,wmf,5"=""

"application/x-csh,csh,5"=""
 "application/x-dvi,dvi,5"=""
 "application/x-hdf,hdf,5"=""
 "application/x-latex,latex,5"=""
 "application/x-netcdf,nc,5"=""
 "application/x-netcdf,cdf,5"=""
 "application/x-sh,sh,5"=""
 "application/x-tcl,tcl,5"=""
 "application/x-tex,tex,5"=""
 "application/x-texinfo,texinfo,5"=""
 "application/x-texinfo,texi,5"=""
 "application/x-troff,t,5"=""
 "application/x-troff,tf,5"=""
 "application/x-troff,roff,5"=""
 "application/x-troff-man,man,5"=""
 "application/x-troff-me,me,5"=""
 "application/x-troff-ms,ms,5"=""
 "application/x-wais-source,src,7"=""
 "application/x-bcpio,bcpio,5"=""
 "application/x-cpio,cpio,5"=""
 "application/x-gtar,gtar,9"=""
 "application/x-shar,shar,5"=""
 "application/x-sv4cpio,sv4cpio,5"=""
 "application/x-sv4crc,sv4crc,5"=""
 "application/x-tar,tar,5"=""
 "application/x-ustar,ustar,5"=""
 "audio/basic,au,<"=""
 "audio/basic,snd,<"=""
 "audio/x-aiff,aif,<"=""
 "audio/x-aiff,aiff,<"=""
 "audio/x-aiff,aifc,<"=""
 "audio/x-wav,wav,<"=""
 "audio/x-pn-realaudio,ram,<"=""
 "image/ief,ief,,"=""
 "image/tiff,tiff,,"=""
 "image/tif,tif,,"=""
 "image/x-cmu-raster,ras,,"=""
 "image/x-portable-anymap,pnm,,"=""
 "image/x-portable-bitmap,pbm,,"=""
 "image/x-portable-graymap,pgm,,"=""
 "image/x-portable-pixmap,ppm,,"=""
 "image/x-rgb,rgb,,"=""
 "image/x-xbitmap,xbm,,"=""
 "image/x-xpixmap,xpm,,"=""
 "image/x-xwindowdump,xwd,,"=""
 "text/html,stm,h"=""
 "text/plain,bas,0"=""
 "text/plain,c,0"=""
 "text/plain,h,0"=""
 "text/richtext,rtx,0"=""
 "text/tab-separated-values,tsv,0"=""
 "text/x-setext,etx,0"=""
 "application/x-perfmon,pmc,5"=""
 "application/x-perfmon,pma,5"=""
 "application/x-perfmon,pmr,5"=""
 "application/x-perfmon,pml,5"=""
 "application/x-perfmon,pmw,5"=""

===== InetInfo19.REG =====

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
 "BandwidthLevel"=dword:ffffff
 "ListenBackLog"=dword:00000019

"MemoryCacheSize"=dword:00000000
 "ObjectCacheTTL"=dword:ffffff
 "PoolThreadLimit"=dword:00000267

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
 "FilterType"=dword:00000000
 "NumGrantSites"=dword:00000000
 "NumDenySites"=dword:00000000

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
 "text/html,html,h"=""
 "image/gif,gif,g"=""
 "image/jpeg,jpg,,"=""
 "text/plain,txt,0"=""
 "text/html,html,h"=""
 "image/jpeg,jpeg,,"=""
 "image/jpeg,jpe,,"=""
 "image/bmp,bmp,,"=""
 "application/octet-stream,*,,5"=""
 "application/pdf,pdf,5"=""
 "application/octet-stream,bin,5"=""
 "application/oda,oda,5"=""
 "application/zip,zip,9"=""
 "application/rtf,rtf,5"=""
 "application/postscript,ps,5"=""
 "application/postscript,ai,5"=""
 "application/postscript,eps,5"=""
 "application/mac-binhex40,hqx,4"=""
 "application/msword,doc,5"=""
 "application/msword,dot,5"=""
 "application/winhelp,hlp,5"=""
 "video/mpeg,mpeg,,"=""
 "video/mpeg,mpg,,"=""
 "video/mpeg,mpe,,"=""
 "video/x-msvideo,avi,<"=""
 "video/quicktime,qt,,"=""
 "video/quicktime,mov,,"=""
 "video/x-sgi-movie,movie,<"=""
 "x-world/x-vrml,wrl,5"=""
 "x-world/x-vrml,xaf,5"=""
 "x-world/x-vrml,xof,5"=""
 "x-world/x-vrml,flr,5"=""
 "x-world/x-vrml,wrz,5"=""
 "application/x-director,dcr,5"=""
 "application/x-director,dir,5"=""
 "application/x-director,dxr,5"=""
 "image/cis-cod,cod,5"=""
 "image/x-cmx,cmx,5"=""
 "application/envoy,envy,5"=""
 "application/x-msaccess,mdb,5"=""
 "application/x-mscardfile,crd,5"=""
 "application/x-msclip,clip,5"=""
 "application/octet-stream,exe,5"=""
 "application/x-msexcel,xla,5"=""
 "application/x-msexcel,xlc,5"=""
 "application/x-msexcel,xlm,5"=""
 "application/x-msexcel,xls,5"=""
 "application/x-msexcel,xlt,5"=""
 "application/x-msexcel,xlw,5"=""
 "application/x-msmediaview,m13,5"=""
 "application/x-msmediaview,m14,5"=""
 "application/x-msmoney,mny,5"=""
 "application/x-mspowerpoint,ppt,5"=""
 "application/x-msproject,mpp,5"=""
 "application/x-mspublisher,pub,5"=""
 "application/x-msterminal,frm,5"=""
 "application/x-msworks,wks,5"=""

```
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== InetInfo21.reg =====

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
```

```
"ListenBackLog"=dword:00000019
"DispatchEntries"=hex(7):4c,00,44,00,41,00,50,00,
53,00,56,00,43,00,00,00,00,00
"BandwidthLevel"=dword:ffffff
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhlp,hlp,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vrml,wrl,,5"=""
"x-world/x-vrml,xaf,,5"=""
"x-world/x-vrml,xof,,5"=""
"x-world/x-vrml,flr,,5"=""
"x-world/x-vrml,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
```

```
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,trm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== Inetinfo31.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:0000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
```

```
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"image/jpg,jpg,,"=""
"image/png,png,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,"=""
"application/pdf,pdf,,"=""
"application/octet-stream.bin,,"=""
"application/oda,oda,,"=""
"application/zip,zip,,"=""
"application/rtf,rtf,,"=""
"application/postscript,ps,,"=""
"application/postscript,ai,,"=""
"application/postscript,eps,,"=""
"application/mac-binhex40,hqx,,"=""
"application/msword,doc,,"=""
"application/msword,dot,,"=""
"application/winhlp,hlp,,"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,,"=""
"x-world/x-vrml,xaf,,"=""
"x-world/x-vrml,xof,,"=""
"x-world/x-vrml,flr,,"=""
"x-world/x-vrml,wrz,,"=""
"application/x-director,dcr,,"=""
"application/x-director,dxr,,"=""
"image/cis-cod,cod,,"=""
"image/x-cmx,cmx,,"=""
"application/envoy,envy,,"=""
"application/x-msaccess,mdb,,"=""
"application/x-mscardfile,crd,,"=""
"application/x-msclip,clip,,"=""
"application/octet-stream,exe,,"=""
"application/x-msexcel,xla,,"=""
"application/x-msexcel,xlc,,"=""
"application/x-msexcel,xlm,,"=""
"application/x-msexcel,xls,,"=""
"application/x-msexcel,xlt,,"=""
"application/x-msexcel,xlw,,"=""
"application/x-msmediaview,m13,,"=""
"application/x-msmediaview,m14,,"=""
```

```
"application/x-msmoney,mny,,"=""
"application/x-mspowerpoint,ppt,,"=""
"application/x-msproject,mpp,,"=""
"application/x-mspublisher,pub,,"=""
"application/x-sterminal,rm,,"=""
"application/x-msworks,wks,,"=""
"application/x-mswrite,wri,,"=""
"application/x-msmetafile,wmf,,"=""
"application/x-csh,csh,,"=""
"application/x-dvi,dvi,,"=""
"application/x-hdf,hdf,,"=""
"application/x-latex,latex,,"=""
"application/x-netcdf,nc,,"=""
"application/x-netcdf,cdf,,"=""
"application/x-sh,sh,,"=""
"application/x-tcl,tcl,,"=""
"application/x-tex,tex,,"=""
"application/x-texinfo,texinfo,,"=""
"application/x-texinfo,texi,,"=""
"application/x-troff,t,,"=""
"application/x-troff,tr,,"=""
"application/x-troff-roff,roff,,"=""
"application/x-troff-man,man,,"=""
"application/x-troff-me,me,,"=""
"application/x-troff-ms,ms,,"=""
"application/x-wais-source,src,,"=""
"application/x-bcpio,bcpio,,"=""
"application/x-cpio,cpio,,"=""
"application/x-gtar,gtar,,"=""
"application/x-shar,shar,,"=""
"application/x-sv4cpio,sv4cpio,,"=""
"application/x-sv4crc,sv4crc,,"=""
"application/x-tar,tar,,"=""
"application/x-ustar,ustar,,"=""
"audio/basic,au,,"=""
"audio/basic,snd,,"=""
"audio/x-aiff,aif,,"=""
"audio/x-aiff,aiff,,"=""
"audio/x-aiff,aifc,,"=""
"audio/x-wav,wav,,"=""
"audio/x-pn-realaudio,ram,,"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tif,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,html,h"=""
"text/plain,bas,,"=""
"text/plain,c,,"=""
"text/plain,h,,"=""
"text/richtext,rtx,,"=""
"text/tab-separated-values,tsv,,"=""
"text/x-setext,etx,,"=""
"application/x-perfmon,pmc,,"=""
"application/x-perfmon,pma,,"=""
"application/x-perfmon,pmr,,"=""
"application/x-perfmon,pml,,"=""
"application/x-perfmon,pmw,,"=""
```

===== inetinfo20.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:0000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
```

```
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"image/jpg,jpg,,"=""
"image/png,png,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,"=""
"application/pdf,pdf,,"=""
"application/octet-stream.bin,,"=""
"application/oda,oda,,"=""
"application/zip,zip,,"=""
"application/rtf,rtf,,"=""
"application/postscript,ps,,"=""
"application/postscript,ai,,"=""
"application/postscript,eps,,"=""
"application/mac-binhex40,hqx,,"=""
"application/msword,doc,,"=""
"application/msword,dot,,"=""
"application/winhlp,hlp,,"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,,"=""
"x-world/x-vrml,xaf,,"=""
"x-world/x-vrml,xof,,"=""
"x-world/x-vrml,flr,,"=""
"x-world/x-vrml,wrz,,"=""
"application/x-director,dcr,,"=""
"application/x-director,dxr,,"=""
"image/cis-cod,cod,,"=""
"image/x-cmx,cmx,,"=""
"application/envoy,envy,,"=""
"application/x-msaccess,mdb,,"=""
"application/x-mscardfile,crd,,"=""
"application/x-msclip,clip,,"=""
"application/octet-stream,exe,,"=""
"application/x-msexcel,xla,,"=""
"application/x-msexcel,xlc,,"=""
"application/x-msexcel,xlm,,"=""
"application/x-msexcel,xls,,"=""
"application/x-msexcel,xlt,,"=""
"application/x-msexcel,xlw,,"=""
```

```

"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-mstterminal,frm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tf,,5"=""
"application/x-troff-roff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""

```

```

===== inetinfo22.REG =====

```

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters\MimeMap]
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhelp,help,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vrml,wrl,,5"=""
"x-world/x-vrml,xaf,,5"=""
"x-world/x-vrml,xof,,5"=""
"x-world/x-vrml,flr,,5"=""
"x-world/x-vrml,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""

```

```

"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-mstterminal,frm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,texi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tf,,5"=""
"application/x-troff-roff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""

```

===== inetinfo23.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhelp,help,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,envy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
```

```
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,rm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,,"=""
"audio/basic,snd,,"=""
"audio/x-aiff,aiff,,"=""
"audio/x-aiff,aiff,,"=""
"audio/x-aiff,aifc,,"=""
"audio/x-wav,wav,,"=""
"audio/x-pn-realaudio,ram,,"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-bitmap,xbm,,"=""
"image/x-pixmap,xpm,,"=""
"image/x-windowdump,xwd,,"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
```

```
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== inetinfo24.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/winhelp,help,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,,"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,,"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,envy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
```

```

"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-mstterminal,tm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""

```

```

"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""

```

===== inetinfo25.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhlp,hlp,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"x-world/x-vrml,wrl,,5"=""
"x-world/x-vrml,xaf,,5"=""
"x-world/x-vrml,xof,,5"=""
"x-world/x-vrml,flr,,5"=""
"x-world/x-vrml,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""

```

```

"application/x-msclip,clip,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-mstterminal,tm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tr,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""

```

```
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== inetinfo26.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
```

```
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-msterminal,rm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-xbitmap,xbm,,"=""
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
```

```
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== inetinfo27.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InetInfo\Parameters\MimeMap]
"text/html,html,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
```



```
"image/x-cmx,cmx,,5"=""
"application/envoy,envy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clp,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,rm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
```

```
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""
```

===== inetinfo28.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetInfo\Parameters\MimeMap]
```

```
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhelp,help,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vrml,wrl,,5"=""
"x-world/x-vrml,xaf,,5"=""
"x-world/x-vrml,xof,,5"=""
"x-world/x-vrml,fr,,5"=""
"x-world/x-vrml,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
```

```
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,envy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clp,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,rm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tiff,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""
"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
```

```
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== inetinfo29.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
"x-world/x-vrml,flr,5"=""
"x-world/x-vrml,wrz,5"=""
```

```
"application/x-director,dcr,5"=""
"application/x-director,dir,5"=""
"application/x-director,dxr,5"=""
"image/cis-cod,cod,5"=""
"image/x-cmx,cmx,5"=""
"application/envoy,evy,5"=""
"application/x-msaccess,mdb,5"=""
"application/x-mscardfile,crd,5"=""
"application/x-msclip,clip,5"=""
"application/octet-stream,exe,5"=""
"application/x-msexcel,xla,5"=""
"application/x-msexcel,xlc,5"=""
"application/x-msexcel,xlm,5"=""
"application/x-msexcel,xls,5"=""
"application/x-msexcel,xlt,5"=""
"application/x-msexcel,xlw,5"=""
"application/x-msmediaview,m13,5"=""
"application/x-msmediaview,m14,5"=""
"application/x-msmoney,mny,5"=""
"application/x-mspowerpoint,ppt,5"=""
"application/x-msproject,mpp,5"=""
"application/x-mspublisher,pub,5"=""
"application/x-sterminal,frm,5"=""
"application/x-msworks,wks,5"=""
"application/x-mswrite,wri,5"=""
"application/x-msmetafile,wmf,5"=""
"application/x-csh,csh,5"=""
"application/x-dvi,dvi,5"=""
"application/x-hdf,hdf,5"=""
"application/x-latex,latex,5"=""
"application/x-netcdf,nc,5"=""
"application/x-netcdf,cdf,5"=""
"application/x-sh,sh,5"=""
"application/x-tcl,tcl,5"=""
"application/x-tex,tex,5"=""
"application/x-texinfo,texinfo,5"=""
"application/x-texinfo,texi,5"=""
"application/x-troff,t,5"=""
"application/x-troff,tr,5"=""
"application/x-troff,roff,5"=""
"application/x-troff-man,man,5"=""
"application/x-troff-me,me,5"=""
"application/x-troff-ms,ms,5"=""
"application/x-wais-source,src,7"=""
"application/x-bcpio,bcpio,5"=""
"application/x-cpio,cpio,5"=""
"application/x-gtar,gtar,9"=""
"application/x-shar,shar,5"=""
"application/x-sv4cpio,sv4cpio,5"=""
"application/x-sv4crc,sv4crc,5"=""
"application/x-tar,tar,5"=""
"application/x-ustar,ustar,5"=""
"audio/basic,au,<"=""
"audio/basic,snd,<"=""
"audio/x-aiff,aif,<"=""
"audio/x-aiff,aiff,<"=""
"audio/x-aiff,aifc,<"=""
"audio/x-wav,wav,<"=""
"audio/x-pn-realaudio,ram,<"=""
"image/ief,ief,,"=""
"image/tiff,tiff,,"=""
"image/tiff,tif,,"=""
"image/x-cmu-raster,ras,,"=""
"image/x-portable-anymap,pnm,,"=""
"image/x-portable-bitmap,pbm,,"=""
"image/x-portable-graymap,pgm,,"=""
"image/x-portable-pixmap,ppm,,"=""
"image/x-rgb,rgb,,"=""
"image/x-rgbmap,xbm,,"=""
```

```
"image/x-xpixmap,xpm,,"=""
"image/x-xwindowdump,xwd,,"=""
"text/html,stm,h"=""
"text/plain,bas,0"=""
"text/plain,c,0"=""
"text/plain,h,0"=""
"text/richtext,rtx,0"=""
"text/tab-separated-values,tsv,0"=""
"text/x-setext,etx,0"=""
"application/x-perfmon,pmc,5"=""
"application/x-perfmon,pma,5"=""
"application/x-perfmon,pmr,5"=""
"application/x-perfmon,pml,5"=""
"application/x-perfmon,pmw,5"=""
```

===== inetinfo30.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\InetInfo\Parameters\MimeMap]
"text/html,htm,h"=""
"image/gif,gif,g"=""
"image/jpeg,jpg,,"=""
"text/plain,txt,0"=""
"text/html,html,h"=""
"image/jpeg,jpeg,,"=""
"image/jpeg,jpe,,"=""
"image/bmp,bmp,,"=""
"application/octet-stream,*"=""
"application/pdf,pdf,5"=""
"application/octet-stream,bin,5"=""
"application/oda,oda,5"=""
"application/zip,zip,9"=""
"application/rtf,rtf,5"=""
"application/postscript,ps,5"=""
"application/postscript,ai,5"=""
"application/postscript,eps,5"=""
"application/mac-binhex40,hqx,4"=""
"application/msword,doc,5"=""
"application/msword,dot,5"=""
"application/winhlp,hlp,5"=""
"video/mpeg,mpeg,,"=""
"video/mpeg,mpg,,"=""
"video/mpeg,mpe,,"=""
"video/x-msvideo,avi,<"=""
"video/quicktime,qt,,"=""
"video/quicktime,mov,,"=""
"video/x-sgi-movie,movie,<"=""
"x-world/x-vrml,wrl,5"=""
"x-world/x-vrml,xaf,5"=""
"x-world/x-vrml,xof,5"=""
```

```

"x-world/x-vmrl,flr,,5"=""
"x-world/x-vmrl,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clp,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,tm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tf,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tif,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""
"image/x-portable-graymap,pgm,,:"=""
"image/x-portable-pixmap,ppm,,:"=""

```

```

"image/x-rgb,rgb,,:"=""
"image/x-xbitmap,xbm,,:"=""
"image/x-xpixmap,xpm,,:"=""
"image/x-xwindowdump,xwd,,:"=""
"text/html,stm,,h"=""
"text/plain,bas,,0"=""
"text/plain,c,,0"=""
"text/plain,h,,0"=""
"text/richtext,rtx,,0"=""
"text/tab-separated-values,tsv,,0"=""
"text/x-setext,etx,,0"=""
"application/x-perfmon,pmc,,5"=""
"application/x-perfmon,pma,,5"=""
"application/x-perfmon,pmr,,5"=""
"application/x-perfmon,pml,,5"=""
"application/x-perfmon,pmw,,5"=""

```

===== inetinfo32.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters]
"BandwidthLevel"=dword:ffffff
"ListenBackLog"=dword:00000019
"MemoryCacheSize"=dword:00000000
"ObjectCacheTTL"=dword:ffffff
"PoolThreadLimit"=dword:00000267

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters\Filter]
"FilterType"=dword:00000000
"NumGrantSites"=dword:00000000
"NumDenySites"=dword:00000000

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\inetinfo\Parameters\MimeMap]
"text/html,htm,,h"=""
"image/gif,gif,,g"=""
"image/jpeg,jpg,,:"=""
"text/plain,txt,,0"=""
"text/html,html,,h"=""
"image/jpeg,jpeg,,:"=""
"image/jpeg,jpe,,:"=""
"image/bmp,bmp,,:"=""
"application/octet-stream,*,,5"=""
"application/pdf,pdf,,5"=""
"application/octet-stream,bin,,5"=""
"application/oda,oda,,5"=""
"application/zip,zip,,9"=""
"application/rtf,rtf,,5"=""
"application/postscript,ps,,5"=""
"application/postscript,ai,,5"=""
"application/postscript,eps,,5"=""
"application/mac-binhex40,hqx,,4"=""
"application/msword,doc,,5"=""
"application/msword,dot,,5"=""
"application/winhlp,hlp,,5"=""
"video/mpeg,mpeg,,:"=""
"video/mpeg,mpg,,:"=""
"video/mpeg,mpe,,:"=""
"video/x-msvideo,avi,,<"=""
"video/quicktime,qt,,:"=""
"video/quicktime,mov,,:"=""
"video/x-sgi-movie,movie,,<"=""
"x-world/x-vmrl,wrl,,5"=""

```

```

"x-world/x-vmrl,xaf,,5"=""
"x-world/x-vmrl,xof,,5"=""
"x-world/x-vmrl,flr,,5"=""
"x-world/x-vmrl,wrz,,5"=""
"application/x-director,dcr,,5"=""
"application/x-director,dir,,5"=""
"application/x-director,dxr,,5"=""
"image/cis-cod,cod,,5"=""
"image/x-cmx,cmx,,5"=""
"application/envoy,evy,,5"=""
"application/x-msaccess,mdb,,5"=""
"application/x-mscardfile,crd,,5"=""
"application/x-msclip,clp,,5"=""
"application/octet-stream,exe,,5"=""
"application/x-msexcel,xla,,5"=""
"application/x-msexcel,xlc,,5"=""
"application/x-msexcel,xlm,,5"=""
"application/x-msexcel,xls,,5"=""
"application/x-msexcel,xlt,,5"=""
"application/x-msexcel,xlw,,5"=""
"application/x-msmediaview,m13,,5"=""
"application/x-msmediaview,m14,,5"=""
"application/x-msmoney,mny,,5"=""
"application/x-mspowerpoint,ppt,,5"=""
"application/x-msproject,mpp,,5"=""
"application/x-mspublisher,pub,,5"=""
"application/x-msterminal,tm,,5"=""
"application/x-msworks,wks,,5"=""
"application/x-mswrite,wri,,5"=""
"application/x-msmetafile,wmf,,5"=""
"application/x-csh,csh,,5"=""
"application/x-dvi,dvi,,5"=""
"application/x-hdf,hdf,,5"=""
"application/x-latex,latex,,5"=""
"application/x-netcdf,nc,,5"=""
"application/x-netcdf,cdf,,5"=""
"application/x-sh,sh,,5"=""
"application/x-tcl,tcl,,5"=""
"application/x-tex,tex,,5"=""
"application/x-texinfo,texinfo,,5"=""
"application/x-texinfo,txi,,5"=""
"application/x-troff,t,,5"=""
"application/x-troff,tf,,5"=""
"application/x-troff,roff,,5"=""
"application/x-troff-man,man,,5"=""
"application/x-troff-me,me,,5"=""
"application/x-troff-ms,ms,,5"=""
"application/x-wais-source,src,,7"=""
"application/x-bcpio,bcpio,,5"=""
"application/x-cpio,cpio,,5"=""
"application/x-gtar,gtar,,9"=""
"application/x-shar,shar,,5"=""
"application/x-sv4cpio,sv4cpio,,5"=""
"application/x-sv4crc,sv4crc,,5"=""
"application/x-tar,tar,,5"=""
"application/x-ustar,ustar,,5"=""
"audio/basic,au,,<"=""
"audio/basic,snd,,<"=""
"audio/x-aiff,aif,,<"=""
"audio/x-aiff,aiff,,<"=""
"audio/x-aiff,aifc,,<"=""
"audio/x-wav,wav,,<"=""
"audio/x-pn-realaudio,ram,,<"=""
"image/ief,ief,,:"=""
"image/tiff,tif,,:"=""
"image/tiff,tif,,:"=""
"image/x-cmu-raster,ras,,:"=""
"image/x-portable-anymap,pnm,,:"=""
"image/x-portable-bitmap,pbm,,:"=""

```

```
"image/x-portable-graymap,pgm,,"="""
"image/x-portable-pixmap,ppm,,"="""
"image/x-rgb,rgb,,"="""
"image/x-xbitmap,xbm,,"="""
"image/x-xpixmap,xpm,,"="""
"image/x-xwindowdump,xwd,,"="""
"text/html,stm,,h"="""
"text/plain,bas,,0"="""
"text/plain,c,,0"="""
"text/plain,h,,0"="""
"text/richtext,rtx,,0"="""
"text/tab-separated-values,tsv,,0"="""
"text/x-setext,etx,,0"="""
"application/x-perfmon,pmc,,5"="""
"application/x-perfmon,pma,,5"="""
"application/x-perfmon,pmr,,5"="""
"application/x-perfmon,pml,,5"="""
"application/x-perfmon,pmw,,5"="""
```

```
===== ubb_CL01 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL01 LMID=SITE1
  APPDIR="c:\sv-apl\fm"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-apl\fm\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
```

```
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fml SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile0.txt"
tpcc_NT_fml SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
```

```
tpcc_NT_fml SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile62.txt"
tpcc_NT_fml SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group22
  ROADDR=TPCCq22 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group23
  ROADDR=TPCCq23 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group24
  ROADDR=TPCCq24 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile60.txt"
tpcc_NT_fml SRVGRP=group25
  ROADDR=TPCCq25 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile58.txt"
tpcc_NT_fml SRVGRP=group26
  ROADDR=TPCCq26 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\envfile58.txt"
```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

```

```

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="1-11:group1,12-22:group2,23-
33:group3,34-44:group4,45-55:group5,56-
66:group6,67-77:group7,78-88:group8,89-
99:group9,100-110:group10,111-
121:group11,122-132:group12,133-
143:group13,144-154:group14,155-
165:group15,166-176:group16,177-
187:group17,188-198:group18,199-
209:group19,210-220:group20,221-
231:group21,232-242:group22,243-
253:group23,254-264:group24,265-
275:group25,276-286:group26,287-
297:group27,298-308:group28,309-
319:group29,320-330:group30,331-
341:group31,342-352:group32,353-
363:group33,364-374:group34,375-
385:group35,386-396:group36,397-
407:group37,408-418:group38,419-
429:group39,430-440:group40,441-
451:group41,452-462:group42,463-
473:group43,474-484:group44,485-
495:group45,496-506:group46,507-
517:group47,518-528:group48,529-
539:group49,540-550:group50,551-
561:group51,562-572:group52,573-
583:group53,584-594:group54,*,*"

```

```

===== ubb_CL02 =====

```

```

#
# ubbconfig : TUXEDO configuration file
#

```

```

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30

```

```

BLOCKTIME 10

```

```

*MACHINES

```

```

CL02 LMID=SITE1
APPDIR="c:\sv-aplfml"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-aplfml\envfile.txt"

```

```

*GROUPS

```

```

group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

```

```

*SERVERS

```

```

DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N ROPERM=0660
tpcc_NT_fml SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile52.txt"
tpcc_NT_fml SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile52.txt"
tpcc_NT_fml SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile50.txt"
tpcc_NT_fml SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile48.txt"
tpcc_NT_fml SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="595-605:group1,606-
616:group2,617-627:group3,628-638:group4,639-
649:group5,650-660:group6,661-671:group7,672-
682:group8,683-693:group9,694-
704:group10,705-715:group11,716-
726:group12,727-737:group13,738-
748:group14,749-759:group15,760-
770:group16,771-781:group17,782-
792:group18,793-803:group19,804-

```

```

814:group20,815-825:group21,826-
836:group22,837-847:group23,848-
858:group24,859-869:group25,870-
880:group26,881-891:group27,892-
902:group28,903-913:group29,914-
924:group30,925-935:group31,936-
946:group32,947-957:group33,958-
968:group34,969-979:group35,980-
990:group36,991-1001:group37,1002-
1012:group38,1013-1023:group39,1024-
1034:group40,1035-1045:group41,1046-
1056:group42,1057-1067:group43,1068-
1078:group44,1079-1089:group45,1090-
1100:group46,1101-1111:group47,1112-
1122:group48,1123-1133:group49,1134-
1144:group50,1145-1155:group51,1156-
1166:group52,1167-1177:group53,1178-
1188:group54,*.*

===== ubb_CL03 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL03 LMID=SITE1
APPDIR="c:\sv-aplfml"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-aplfml\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18

```

```

group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fml SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile36.txt"

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="1189-1199:group1,1200-
1210:group2,1211-1221:group3,1222-
1232:group4,1233-1243:group5,1244-
1254:group6,1255-1265:group7,1266-
1276:group8,1277-1287:group9,1288-
1298:group10,1299-1309:group11,1310-
1320:group12,1321-1331:group13,1332-
1342:group14,1343-1353:group15,1354-
1364:group16,1365-1375:group17,1376-
1386:group18,1387-1397:group19,1398-
1408:group20,1409-1419:group21,1420-
1430:group22,1431-1441:group23,1442-
1452:group24,1453-1463:group25,1464-
1474:group26,1475-1485:group27,1486-
1496:group28,1497-1507:group29,1508-
1518:group30,1519-1529:group31,1530-
1540:group32,1541-1551:group33,1552-
1562:group34,1563-1573:group35,1574-
1584:group36,1585-1595:group37,1596-
1606:group38,1607-1617:group39,1618-
1628:group40,1629-1639:group41,1640-
1650:group42,1651-1661:group43,1662-
1672:group44,1673-1683:group45,1684-
1694:group46,1695-1705:group47,1706-
1716:group48,1717-1727:group49,1728-
1738:group50,1739-1749:group51,1750-
1760:group52,1761-1771:group53,1772-
1782:group54,*,*"

===== ubb_CL04 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133

```

```

MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL04 LMID=SITE1
APPDIR="c:\sv-apl\fm1"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm1\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47

```



```

TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"
tpcc_NT_fm1 SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"
tpcc_NT_fm1 SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"
tpcc_NT_fm1 SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"
tpcc_NT_fm1 SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"
tpcc_NT_fm1 SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile10.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"

RANGES="1783-1793:group1,1794-
1804:group2,1805-1815:group3,1816-
1826:group4,1827-1837:group5,1838-
1848:group6,1849-1859:group7,1860-
1870:group8,1871-1881:group9,1882-
1892:group10,1893-1903:group11,1904-
1914:group12,1915-1925:group13,1926-
1936:group14,1937-1947:group15,1948-
1958:group16,1959-1969:group17,1970-
1980:group18,1981-1991:group19,1992-
2002:group20,2003-2013:group21,2014-
2024:group22,2025-2035:group23,2036-
2046:group24,2047-2057:group25,2058-
2068:group26,2069-2079:group27,2080-
2090:group28,2091-2101:group29,2102-
2112:group30,2113-2123:group31,2124-
2134:group32,2135-2145:group33,2146-
2156:group34,2157-2167:group35,2168-
2178:group36,2179-2189:group37,2190-
2200:group38,2201-2211:group39,2212-
2222:group40,2223-2233:group41,2234-
2244:group42,2245-2255:group43,2256-
2266:group44,2267-2277:group45,2278-
2288:group46,2289-2299:group47,2300-
2310:group48,2311-2321:group49,2322-
2332:group50,2333-2343:group51,2344-
2354:group52,2355-2365:group53,2366-
2376:group54,;"

===== ubb_CL05 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL05 LMID=SITE1
APPDIR="c:\sv-apl\fm\henvfile"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\henvfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8

```



```

tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="2377-2387:group1,2388-
2398:group2,2399-2409:group3,2410-
2420:group4,2421-2431:group5,2432-
2442:group6,2443-2453:group7,2454-
2464:group8,2465-2475:group9,2476-
2486:group10,2487-2497:group11,2498-
2508:group12,2509-2519:group13,2520-
2530:group14,2531-2541:group15,2542-
2552:group16,2553-2563:group17,2564-
2574:group18,2575-2585:group19,2586-
2596:group20,2597-2607:group21,2608-
2618:group22,2619-2629:group23,2630-
2640:group24,2641-2651:group25,2652-
2662:group26,2663-2673:group27,2674-
2684:group28,2685-2695:group29,2696-
2706:group30,2707-2717:group31,2718-
2728:group32,2729-2739:group33,2740-

```

```

2750:group34,2751-2761:group35,2762-
2772:group36,2773-2783:group37,2784-
2794:group38,2795-2805:group39,2806-
2816:group40,2817-2827:group41,2828-
2838:group42,2839-2849:group43,2850-
2860:group44,2861-2871:group45,2872-
2882:group46,2883-2893:group47,2894-
2904:group48,2905-2915:group49,2916-
2926:group50,2927-2937:group51,2938-
2948:group52,2949-2959:group53,2960-
2970:group54,*,*"

```

```

===== ubb_CL06 =====

```

```

#
# ubbconfig : TUXEDO configuration file
#

```

```

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

```

```

*MACHINES

```

```

CL06 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFx="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\l\envfile.txt"

```

```

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25

```



```

TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile58.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="2971-2981:group1,2982-
2992:group2,2993-3003:group3,3004-
3014:group4,3015-3025:group5,3026-
3036:group6,3037-3047:group7,3048-
3058:group8,3059-3069:group9,3070-
3080:group10,3081-3091:group11,3092-
3102:group12,3103-3113:group13,3114-
3124:group14,3125-3135:group15,3136-
3146:group16,3147-3157:group17,3158-
3168:group18,3169-3179:group19,3180-
3190:group20,3191-3201:group21,3202-
3212:group22,3213-3223:group23,3224-
3234:group24,3235-3245:group25,3246-
3256:group26,3257-3267:group27,3268-
3278:group28,3279-3289:group29,3290-
3300:group30,3301-3311:group31,3312-
3322:group32,3323-3333:group33,3334-
3344:group34,3345-3355:group35,3356-
3366:group36,3367-3377:group37,3378-
3388:group38,3389-3399:group39,3400-
3410:group40,3411-3421:group41,3422-
3432:group42,3433-3443:group43,3444-
3454:group44,3455-3465:group45,3466-
3476:group46,3477-3487:group47,3488-
3498:group48,3499-3509:group49,3510-
3520:group50,3521-3531:group51,3532-
3542:group52,3543-3553:group53,3554-
3564:group54,":"

===== ubb_CL07 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL07 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\henvfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13

```



```

tpcc_NT_fml SRVGRP=group41
ROADDR=TPCCq41 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fml SRVGRP=group42
ROADDR=TPCCq42 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fml SRVGRP=group43
ROADDR=TPCCq43 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fml SRVGRP=group44
ROADDR=TPCCq44 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fml SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile42.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile42.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="3565-3575:group1,3576-
3586:group2,3587-3597:group3,3598-
3608:group4,3609-3619:group5,3620-
3630:group6,3631-3641:group7,3642-
3652:group8,3653-3663:group9,3664-
3674:group10,3675-3685:group11,3686-
3696:group12,3697-3707:group13,3708-
3718:group14,3719-3729:group15,3730-
3740:group16,3741-3751:group17,3752-
3762:group18,3763-3773:group19,3774-
3784:group20,3785-3795:group21,3796-
3806:group22,3807-3817:group23,3818-
3828:group24,3829-3839:group25,3840-
3850:group26,3851-3861:group27,3862-
3872:group28,3873-3883:group29,3884-
3894:group30,3895-3905:group31,3906-
3916:group32,3917-3927:group33,3928-
3938:group34,3939-3949:group35,3950-
3960:group36,3961-3971:group37,3972-
3982:group38,3983-3993:group39,3994-
4004:group40,4005-4015:group41,4016-
4026:group42,4027-4037:group43,4038-
4048:group44,4049-4059:group45,4060-
4070:group46,4071-4081:group47,4082-
4092:group48,4093-4103:group49,4104-
4114:group50,4115-4125:group51,4126-
4136:group52,4137-4147:group53,4148-
4158:group54,*"

===== ubb_CL08 =====

#
# ubbconfig : TUXEDO configuration file

```

```

#
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL08 LMID=SITE1
  APPDIR="c:\sv-aplfml"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-aplfml\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43

group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fml SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile42.txt"
tpcc_NT_fml SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile40.txt"
tpcc_NT_fml SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group22
  ROADDR=TPCCq22 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile38.txt"
tpcc_NT_fml SRVGRP=group23
  ROADDR=TPCCq23 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group24
  ROADDR=TPCCq24 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group25
  ROADDR=TPCCq25 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group26
  ROADDR=TPCCq26 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group27
  ROADDR=TPCCq27 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group28
  ROADDR=TPCCq28 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group29
  ROADDR=TPCCq29 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group30
  ROADDR=TPCCq30 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile36.txt"
tpcc_NT_fml SRVGRP=group31
  ROADDR=TPCCq31 SRVID=1 CLOPT="-s

```



```
*ROUTING
"route" FIELD=FML_TERM
  BUFTYPE="FML"
  RANGES="4159-4169:group1,4170-
4180:group2,4181-4191:group3,4192-
4202:group4,4203-4213:group5,4214-
4224:group6,4225-4235:group7,4236-
4246:group8,4247-4257:group9,4258-
4268:group10,4269-4279:group11,4280-
4290:group12,4291-4301:group13,4302-
4312:group14,4313-4323:group15,4324-
4334:group16,4335-4345:group17,4346-
4356:group18,4357-4367:group19,4368-
4378:group20,4379-4389:group21,4390-
4400:group22,4401-4411:group23,4412-
4422:group24,4423-4433:group25,4434-
4444:group26,4445-4455:group27,4456-
4466:group28,4467-4477:group29,4478-
4488:group30,4489-4499:group31,4500-
4510:group32,4511-4521:group33,4522-
4532:group34,4533-4543:group35,4544-
4554:group36,4555-4565:group37,4566-
4576:group38,4577-4587:group39,4588-
4598:group40,4599-4609:group41,4610-
4620:group42,4621-4631:group43,4632-
4642:group44,4643-4653:group45,4654-
4664:group46,4665-4675:group47,4676-
4686:group48,4687-4697:group49,4698-
4708:group50,4709-4719:group51,4720-
4730:group52,4731-4741:group53,4742-
4752:group54,*:"
```

```
===== ubb_CL09 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL09 LMID=SITE1
  APPDIR="c:\sv-aplfml"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-aplfml\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
```

```
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N ROPERM=0660
tpcc_NT_fml SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
```

```
tpcc_NT_fml SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile28.txt"
tpcc_NT_fml SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile26.txt"
tpcc_NT_fml SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile22.txt"
tpcc_NT_fml SRVGRP=group18
ROADDR=TPCCq18 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile22.txt"
tpcc_NT_fml SRVGRP=group19
ROADDR=TPCCq19 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile22.txt"
tpcc_NT_fml SRVGRP=group20
ROADDR=TPCCq20 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile22.txt"
tpcc_NT_fml SRVGRP=group21
ROADDR=TPCCq21 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile22.txt"
```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

```

```

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="4753-4763:group1,4764-
4774:group2,4775-4785:group3,4786-
4796:group4,4797-4807:group5,4808-
4818:group6,4819-4829:group7,4830-
4840:group8,4841-4851:group9,4852-
4862:group10,4863-4873:group11,4874-
4884:group12,4885-4895:group13,4896-
4906:group14,4907-4917:group15,4918-
4928:group16,4929-4939:group17,4940-
4950:group18,4951-4961:group19,4962-
4972:group20,4973-4983:group21,4984-
4994:group22,4995-5005:group23,5006-
5016:group24,5017-5027:group25,5028-
5038:group26,5039-5049:group27,5050-
5060:group28,5061-5071:group29,5072-
5082:group30,5083-5093:group31,5094-
5104:group32,5105-5115:group33,5116-
5126:group34,5127-5137:group35,5138-
5148:group36,5149-5159:group37,5160-
5170:group38,5171-5181:group39,5182-
5192:group40,5193-5203:group41,5204-
5214:group42,5215-5225:group43,5226-
5236:group44,5237-5247:group45,5248-
5258:group46,5259-5269:group47,5270-
5280:group48,5281-5291:group49,5292-
5302:group50,5303-5313:group51,5314-

```

```

5324:group52,5325-5335:group53,5336-
5346:group54,*.*

```

```

===== ubb_CL10 =====

```

```

#
# ubbconfig : TUXEDO configuration file
#

```

```

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

```

```

*MACHINES

```

```

CL10 LMID=SITE1
APPDIR="c:\sv-apl\fm1"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm1\envfile.txt"

```

```

*GROUPS

```

```

group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34

```

```

group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

```

```

*SERVERS

```

```

DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile12.txt"
tpcc_NT_fm1 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile12.txt"
tpcc_NT_fm1 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile11.txt"
tpcc_NT_fm1 SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile10.txt"

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="5347-5357:group1,5358-
5368:group2,5369-5379:group3,5380-
5390:group4,5391-5401:group5,5402-
5412:group6,5413-5423:group7,5424-
5434:group8,5435-5445:group9,5446-
5456:group10,5457-5467:group11,5468-
5478:group12,5479-5489:group13,5490-
5500:group14,5501-5511:group15,5512-
5522:group16,5523-5533:group17,5534-
5544:group18,5545-5555:group19,5556-
5566:group20,5567-5577:group21,5578-
5588:group22,5589-5599:group23,5600-
5610:group24,5611-5621:group25,5622-
5632:group26,5633-5643:group27,5644-
5654:group28,5655-5665:group29,5666-
5676:group30,5677-5687:group31,5688-
5698:group32,5699-5709:group33,5710-
5720:group34,5721-5731:group35,5732-
5742:group36,5743-5753:group37,5754-
5764:group38,5765-5775:group39,5776-
5786:group40,5787-5797:group41,5798-
5808:group42,5809-5819:group43,5820-
5830:group44,5831-5841:group45,5842-

```

```

5852:group46,5853-5863:group47,5864-
5874:group48,5875-5885:group49,5886-
5896:group50,5897-5907:group51,5908-
5918:group52,5919-5929:group53,5930-
5940:group54,*:"

```

```

===== ubb_CL11 =====

```

```

#
# ubbconfig : TUXEDO configuration file
#

```

```

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

```

```

*MACHINES

```

```

CL11 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\namaz"
ENVFILE="c:\sv-apl\fm\l\envfile.txt"

```

```

*GROUPS

```

```

group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31

```

```

group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

```

```

*SERVERS

```

```

DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N ROPERM=0660
tpcc_NT_fm SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

```

```

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="5941-5951:group1,5952-
5962:group2,5963-5973:group3,5974-
5984:group4,5985-5995:group5,5996-
6006:group6,6007-6017:group7,6018-
6028:group8,6029-6039:group9,6040-
6050:group10,6051-6061:group11,6062-
6072:group12,6073-6083:group13,6084-
6094:group14,6095-6105:group15,6106-
6116:group16,6117-6127:group17,6128-
6138:group18,6139-6149:group19,6150-
6160:group20,6161-6171:group21,6172-
6182:group22,6183-6193:group23,6194-
6204:group24,6205-6215:group25,6216-
6226:group26,6227-6237:group27,6238-
6248:group28,6249-6259:group29,6260-
6270:group30,6271-6281:group31,6282-
6292:group32,6293-6303:group33,6304-
6314:group34,6315-6325:group35,6326-
6336:group36,6337-6347:group37,6348-
6358:group38,6359-6369:group39,6370-
6380:group40,6381-6391:group41,6392-
6402:group42,6403-6413:group43,6414-
6424:group44,6425-6435:group45,6436-
6446:group46,6447-6457:group47,6458-
6468:group48,6469-6479:group49,6480-
6490:group50,6491-6501:group51,6502-
6512:group52,6513-6523:group53,6524-
6534:group54,*:"

```

```

===== ubb_CL12 =====
#
# ubbconfig : TUXEDO configuration file
#
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
*MACHINES
CL12 LMID=SITE1
APPDIR="c:\sv-aplfml"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-aplfml\envfile.txt"
*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39

```

```

group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fml SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="6535-6545:group1,6546-
6556:group2,6557-6567:group3,6568-
6578:group4,6579-6589:group5,6590-
6600:group6,6601-6611:group7,6612-
6622:group8,6623-6633:group9,6634-
6644:group10,6645-6655:group11,6656-
6666:group12,6667-6677:group13,6678-
6688:group14,6689-6699:group15,6700-
6710:group16,6711-6721:group17,6722-
6732:group18,6733-6743:group19,6744-
6754:group20,6755-6765:group21,6766-
6776:group22,6777-6787:group23,6788-
6798:group24,6799-6809:group25,6810-
6820:group26,6821-6831:group27,6832-
6842:group28,6843-6853:group29,6854-
6864:group30,6865-6875:group31,6876-
6886:group32,6887-6897:group33,6898-
6908:group34,6909-6919:group35,6920-
6930:group36,6931-6941:group37,6942-
6952:group38,6953-6963:group39,6964-
6974:group40,6975-6985:group41,6986-
6996:group42,6997-7007:group43,7008-
7018:group44,7019-7029:group45,7030-
7040:group46,7041-7051:group47,7052-
7062:group48,7063-7073:group49,7074-
7084:group50,7085-7095:group51,7096-
7106:group52,7107-7117:group53,7118-
7128:group54,*.*"

===== ubb_CL13 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES
CL13 LMID=SITE1
APPDIR="c:\sv-apl\fm"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"

*GROUPS

```

```

group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fm SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile46.txt"
tpcc_NT_fm SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s

```



```
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile34.txt"
```

```
*SERVICES
```

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
```

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

```
*ROUTING
```

```
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="7129-7139:group1,7140-
7150:group2,7151-7161:group3,7162-
7172:group4,7173-7183:group5,7184-
7194:group6,7195-7205:group7,7206-
7216:group8,7217-7227:group9,7228-
7238:group10,7239-7249:group11,7250-
7260:group12,7261-7271:group13,7272-
7282:group14,7283-7293:group15,7294-
7304:group16,7305-7315:group17,7316-
7326:group18,7327-7337:group19,7338-
7348:group20,7349-7359:group21,7360-
7370:group22,7371-7381:group23,7382-
7392:group24,7393-7403:group25,7404-
7414:group26,7415-7425:group27,7426-
7436:group28,7437-7447:group29,7448-
7458:group30,7459-7469:group31,7470-
7480:group32,7481-7491:group33,7492-
7502:group34,7503-7513:group35,7514-
7524:group36,7525-7535:group37,7536-
7546:group38,7547-7557:group39,7558-
7568:group40,7569-7579:group41,7580-
```

```
7590:group42,7591-7601:group43,7602-
7612:group44,7613-7623:group45,7624-
7634:group46,7635-7645:group47,7646-
7656:group48,7657-7667:group49,7668-
7678:group50,7679-7689:group51,7690-
7700:group52,7701-7711:group53,7712-
7722:group54,*,**
```

```
===== ubb_CL14 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL14 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFx="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
```



```

tpcc_NT_fml SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile18.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="7723-7733:group1,7734-
7744:group2,7745-7755:group3,7756-
7766:group4,7767-7777:group5,7778-
7788:group6,7789-7799:group7,7800-
7810:group8,7811-7821:group9,7822-
7832:group10,7833-7843:group11,7844-
7854:group12,7855-7865:group13,7866-
7876:group14,7877-7887:group15,7888-
7898:group16,7899-7909:group17,7910-
7920:group18,7921-7931:group19,7932-
7942:group20,7943-7953:group21,7954-
7964:group22,7965-7975:group23,7976-
7986:group24,7987-7997:group25,7998-
8008:group26,8009-8019:group27,8020-
8030:group28,8031-8041:group29,8042-
8052:group30,8053-8063:group31,8064-
8074:group32,8075-8085:group33,8086-
8096:group34,8097-8107:group35,8108-
8118:group36,8119-8129:group37,8130-
8140:group38,8141-8151:group39,8152-
8162:group40,8163-8173:group41,8174-
8184:group42,8185-8195:group43,8196-
8206:group44,8207-8217:group45,8218-
8228:group46,8229-8239:group47,8240-
8250:group48,8251-8261:group49,8262-
8272:group50,8273-8283:group51,8284-
8294:group52,8295-8305:group53,8306-
8316:group54,*,*"

===== ubb_CL15 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

```

*MACHINES

CL15 LMID=SITE1

```

APDIR="c:\sv-apl\fm"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPF="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"

```

*GROUPS

```

group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

```

*SERVERS

```

DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660

```

```

tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fm2 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fm3 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fm4 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fm5 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm6 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm7 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm8 SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm9 SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm10 SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm11 SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm12 SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile13.txt"
tpcc_NT_fm13 SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm14 SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm15 SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm16 SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm17 SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"

```

```

tpcc_NT_fm18 SRVGRP=group18
ROADDR=TPCCq18 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm19 SRVGRP=group19
ROADDR=TPCCq19 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm20 SRVGRP=group20
ROADDR=TPCCq20 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm21 SRVGRP=group21
ROADDR=TPCCq21 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm22 SRVGRP=group22
ROADDR=TPCCq22 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm23 SRVGRP=group23
ROADDR=TPCCq23 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm24 SRVGRP=group24
ROADDR=TPCCq24 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm25 SRVGRP=group25
ROADDR=TPCCq25 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm26 SRVGRP=group26
ROADDR=TPCCq26 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm27 SRVGRP=group27
ROADDR=TPCCq27 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm28 SRVGRP=group28
ROADDR=TPCCq28 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm29 SRVGRP=group29
ROADDR=TPCCq29 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm30 SRVGRP=group30
ROADDR=TPCCq30 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm31 SRVGRP=group31
ROADDR=TPCCq31 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm32 SRVGRP=group32
ROADDR=TPCCq32 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm33 SRVGRP=group33
ROADDR=TPCCq33 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm34 SRVGRP=group34
ROADDR=TPCCq34 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"

```

```

tpcc_NT_fml SRVGRP=group35
ROADDR=TPCCq35 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fml SRVGRP=group36
ROADDR=TPCCq36 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fml SRVGRP=group37
ROADDR=TPCCq37 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group38
ROADDR=TPCCq38 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group39
ROADDR=TPCCq39 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group40
ROADDR=TPCCq40 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group41
ROADDR=TPCCq41 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group42
ROADDR=TPCCq42 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group43
ROADDR=TPCCq43 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group44
ROADDR=TPCCq44 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fml SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile8.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile7.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile7.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="8317-8327:group1,8328-
8338:group2,8339-8349:group3,8350-
8360:group4,8361-8371:group5,8372-
8382:group6,8383-8393:group7,8394-
8404:group8,8405-8415:group9,8416-
8426:group10,8427-8437:group11,8438-
8448:group12,8449-8459:group13,8460-
8470:group14,8471-8481:group15,8482-
8492:group16,8493-8503:group17,8504-
8514:group18,8515-8525:group19,8526-
8536:group20,8537-8547:group21,8548-
8558:group22,8559-8569:group23,8570-
8580:group24,8581-8591:group25,8592-
8602:group26,8603-8613:group27,8614-
8624:group28,8625-8635:group29,8636-
8646:group30,8647-8657:group31,8658-
8668:group32,8669-8679:group33,8680-
8690:group34,8691-8701:group35,8702-
8712:group36,8713-8723:group37,8724-
8734:group38,8735-8745:group39,8746-
8756:group40,8757-8767:group41,8768-
8778:group42,8779-8789:group43,8790-
8800:group44,8801-8811:group45,8812-
8822:group46,8823-8833:group47,8834-
8844:group48,8845-8855:group49,8856-
8866:group50,8867-8877:group51,8878-
8888:group52,8889-8899:group53,8900-
8910:group54,*,*"

```

```
===== ubb_CL16 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL16 LMID=SITE1
  APPDIR="c:\sv-apl\fm\l"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-apl\fm\l\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
```

```
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile6.txt"
tpcc_NT_fm1 SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
```

```
tpcc_NT_fm1 SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group18
ROADDR=TPCCq18 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group19
ROADDR=TPCCq19 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group20
ROADDR=TPCCq20 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group21
ROADDR=TPCCq21 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group22
ROADDR=TPCCq22 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm1 SRVGRP=group23
ROADDR=TPCCq23 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group24
ROADDR=TPCCq24 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group25
ROADDR=TPCCq25 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group26
ROADDR=TPCCq26 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group27
ROADDR=TPCCq27 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group28
ROADDR=TPCCq28 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group29
ROADDR=TPCCq29 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group30
ROADDR=TPCCq30 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm1 SRVGRP=group31
ROADDR=TPCCq31 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group32
ROADDR=TPCCq32 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group33
ROADDR=TPCCq33 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group34
ROADDR=TPCCq34 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group35
ROADDR=TPCCq35 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group36
ROADDR=TPCCq36 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group37
ROADDR=TPCCq37 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group38
ROADDR=TPCCq38 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm1 SRVGRP=group39
ROADDR=TPCCq39 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
```

```

tpcc_NT_fml SRVGRP=group40
ROADDR=TPCCq40 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group41
ROADDR=TPCCq41 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group42
ROADDR=TPCCq42 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group43
ROADDR=TPCCq43 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group44
ROADDR=TPCCq44 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fml SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile1.txt"

```

*SERVICES

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

```

*ROUTING

```

"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="8911-8921:group1,8922-
8932:group2,8933-8943:group3,8944-
8954:group4,8955-8965:group5,8966-
8976:group6,8977-8987:group7,8988-
8998:group8,8999-9009:group9,9010-
9020:group10,9021-9031:group11,9032-
9042:group12,9043-9053:group13,9054-
9064:group14,9065-9075:group15,9076-
9086:group16,9087-9097:group17,9098-
9108:group18,9109-9119:group19,9120-
9130:group20,9131-9141:group21,9142-
9152:group22,9153-9163:group23,9164-
9174:group24,9175-9185:group25,9186-
9196:group26,9197-9207:group27,9208-
9218:group28,9219-9229:group29,9230-
9240:group30,9241-9251:group31,9252-
9262:group32,9263-9273:group33,9274-
9284:group34,9285-9295:group35,9296-
9306:group36,9307-9317:group37,9318-
9328:group38,9329-9339:group39,9340-
9350:group40,9351-9361:group41,9362-
9372:group42,9373-9383:group43,9384-
9394:group44,9395-9405:group45,9406-
9416:group46,9417-9427:group47,9428-
9438:group48,9439-9449:group49,9450-
9460:group50,9461-9471:group51,9472-
9482:group52,9483-9493:group53,9494-
9504:group54,*,*"

```

===== ubb_CL17 =====

```

#
# ubbconfig : TUXEDO configuration file
#

```

*RESOURCES

```

IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM

```

```
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

*MACHINES

```
CL17 LMID=SITE1
  APPDIR="c:\sv-apl\fm\l"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-apl\fm\l\envfile.txt"
```

*GROUPS

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

*SERVERS

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile0.txt"
tpcc_NT_fm1 SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile62.txt"
tpcc_NT_fm1 SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
```

```
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group22
  ROADDR=TPCCq22 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group23
  ROADDR=TPCCq23 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group24
  ROADDR=TPCCq24 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile60.txt"
tpcc_NT_fm1 SRVGRP=group25
  ROADDR=TPCCq25 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group26
  ROADDR=TPCCq26 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group27
  ROADDR=TPCCq27 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group28
  ROADDR=TPCCq28 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group29
  ROADDR=TPCCq29 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group30
  ROADDR=TPCCq30 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group31
  ROADDR=TPCCq31 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group32
  ROADDR=TPCCq32 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile58.txt"
tpcc_NT_fm1 SRVGRP=group33
  ROADDR=TPCCq33 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile56.txt"
tpcc_NT_fm1 SRVGRP=group34
  ROADDR=TPCCq34 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile56.txt"
tpcc_NT_fm1 SRVGRP=group35
  ROADDR=TPCCq35 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile56.txt"
tpcc_NT_fm1 SRVGRP=group36
  ROADDR=TPCCq36 SRVID=1 CLOPT="-s
```

```

TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group37
ROADDR=TPCCq37 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group38
ROADDR=TPCCq38 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group39
ROADDR=TPCCq39 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group40
ROADDR=TPCCq40 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group41
ROADDR=TPCCq41 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group42
ROADDR=TPCCq42 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group43
ROADDR=TPCCq43 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group44
ROADDR=TPCCq44 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile56.txt"
tpcc_NT_fm1 SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s

```

```

TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile52.txt"
tpcc_NT_fm1 SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile52.txt"
*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="9505-9515:group1,9516-
9526:group2,9527-9537:group3,9538-
9548:group4,9549-9559:group5,9560-
9570:group6,9571-9581:group7,9582-
9592:group8,9593-9603:group9,9604-
9614:group10,9615-9625:group11,9626-
9636:group12,9637-9647:group13,9648-
9658:group14,9659-9669:group15,9670-
9680:group16,9681-9691:group17,9692-
9702:group18,9703-9713:group19,9714-
9724:group20,9725-9735:group21,9736-
9746:group22,9747-9757:group23,9758-
9768:group24,9769-9779:group25,9780-
9790:group26,9791-9801:group27,9802-
9812:group28,9813-9823:group29,9824-
9834:group30,9835-9845:group31,9846-
9856:group32,9857-9867:group33,9868-

```

```
9878:group34,9879-9889:group35,9890-
9900:group36,9901-9911:group37,9912-
9922:group38,9923-9933:group39,9934-
9944:group40,9945-9955:group41,9956-
9966:group42,9967-9977:group43,9978-
9988:group44,9989-9999:group45,10000-
10010:group46,10011-10021:group47,10022-
10032:group48,10033-10043:group49,10044-
10054:group50,10055-10065:group51,10066-
10076:group52,10077-10087:group53,10088-
10098:group54,*:*
```

```
===== ubb_CL18 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL18 LMID=SITE1
  APPDIR="c:\sv-apl\fm1"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-apl\fm1\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
```

```
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile52.txt"
tpcc_NT_fm1 SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile52.txt"
tpcc_NT_fm1 SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
```

```
tpcc_NT_fm1 SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile50.txt"
tpcc_NT_fm1 SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile48.txt"
tpcc_NT_fm1 SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group22
  ROADDR=TPCCq22 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group23
  ROADDR=TPCCq23 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group24
  ROADDR=TPCCq24 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group25
  ROADDR=TPCCq25 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
tpcc_NT_fm1 SRVGRP=group26
  ROADDR=TPCCq26 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm1\envfile46.txt"
```



```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

*ROUTING

```
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="10099-10109:group1,10110-
10120:group2,10121-10131:group3,10132-
10142:group4,10143-10153:group5,10154-
10164:group6,10165-10175:group7,10176-
10186:group8,10187-10197:group9,10198-
10208:group10,10209-10219:group11,10220-
10230:group12,10231-10241:group13,10242-
10252:group14,10253-10263:group15,10264-
10274:group16,10275-10285:group17,10286-
10296:group18,10297-10307:group19,10308-
10318:group20,10319-10329:group21,10330-
10340:group22,10341-10351:group23,10352-
10362:group24,10363-10373:group25,10374-
10384:group26,10385-10395:group27,10396-
10406:group28,10407-10417:group29,10418-
10428:group30,10429-10439:group31,10440-
10450:group32,10451-10461:group33,10462-
10472:group34,10473-10483:group35,10484-
10494:group36,10495-10505:group37,10506-
10516:group38,10517-10527:group39,10528-
10538:group40,10539-10549:group41,10550-
10560:group42,10561-10571:group43,10572-
10582:group44,10583-10593:group45,10594-
10604:group46,10605-10615:group47,10616-
10626:group48,10627-10637:group49,10638-
10648:group50,10649-10659:group51,10660-
10670:group52,10671-10681:group53,10682-
10692:group54,*:"
```

```
===== ubb_CL19 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

*RESOURCES

```
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
```

```
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

*MACHINES

```
CL19 LMID=SITE1
APPDIR="c:\sv-apl\fmf"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fmf\envfile.txt"
```

*GROUPS

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

*SERVERS

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile38.txt"
tpcc_NT_fm1 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile38.txt"
tpcc_NT_fm1 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile38.txt"
tpcc_NT_fm1 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile38.txt"
tpcc_NT_fm1 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile36.txt"
tpcc_NT_fm1 SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile34.txt"
tpcc_NT_fm1 SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile34.txt"
tpcc_NT_fm1 SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile34.txt"
tpcc_NT_fm1 SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fmf\envfile34.txt"
tpcc_NT_fm1 SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="10693-10703:group1,10704-
10714:group2,10715-10725:group3,10726-
10736:group4,10737-10747:group5,10748-
10758:group6,10759-10769:group7,10770-
10780:group8,10781-10791:group9,10792-
10802:group10,10803-10813:group11,10814-
10824:group12,10825-10835:group13,10836-
10846:group14,10847-10857:group15,10858-
10868:group16,10869-10879:group17,10880-

```

```

10890:group18,10891-10901:group19,10902-
10912:group20,10913-10923:group21,10924-
10934:group22,10935-10945:group23,10946-
10956:group24,10957-10967:group25,10968-
10978:group26,10979-10989:group27,10990-
11000:group28,11001-11011:group29,11012-
11022:group30,11023-11033:group31,11034-
11044:group32,11045-11055:group33,11056-
11066:group34,11067-11077:group35,11078-
11088:group36,11089-11099:group37,11100-
11110:group38,11111-11121:group39,11122-
11132:group40,11133-11143:group41,11144-
11154:group42,11155-11165:group43,11166-
11176:group44,11177-11187:group45,11188-
11198:group46,11199-11209:group47,11210-
11220:group48,11221-11231:group49,11232-
11242:group50,11243-11253:group51,11254-
11264:group52,11265-11275:group53,11276-
11286:group54,*"

===== ubb_CL20 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL20 LMID=SITE1
APPDIR="c:\sv-apl\fm1"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm1\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17

```

```

group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N ROPERM=0660
tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile22.txt"
tpcc_NT_fm1 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm1\envfile18.txt"

```



```

"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group8
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group9
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group10
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group11
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group12
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group13
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group14
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group15
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group16
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group17
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group18
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group19
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group20
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group21
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group22
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group23
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group24
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group25
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group26
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group27
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group28
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group29
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group30
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group31
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group32
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group33
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group34
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group35
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group36
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group37
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group38
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group39
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group40
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group41

```

```

"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group42
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group43
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group44
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group45
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group46
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group47
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group48
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group49
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group50
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group51
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group52
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group53
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
      BUFTYPE="FML"
      RANGES="11287-11297:group1,11298-
11308:group2,11309-11319:group3,11320-
11330:group4,11331-11341:group5,11342-
11352:group6,11353-11363:group7,11364-
11374:group8,11375-11385:group9,11386-
11396:group10,11397-11407:group11,11408-
11418:group12,11419-11429:group13,11430-
11440:group14,11441-11451:group15,11452-
11462:group16,11463-11473:group17,11474-
11484:group18,11485-11495:group19,11496-
11506:group20,11507-11517:group21,11518-
11528:group22,11529-11539:group23,11540-
11550:group24,11551-11561:group25,11562-
11572:group26,11573-11583:group27,11584-
11594:group28,11595-11605:group29,11606-
11616:group30,11617-11627:group31,11628-
11638:group32,11639-11649:group33,11650-
11660:group34,11661-11671:group35,11672-
11682:group36,11683-11693:group37,11694-
11704:group38,11705-11715:group39,11716-
11726:group40,11727-11737:group41,11738-
11748:group42,11749-11759:group43,11760-
11770:group44,11771-11781:group45,11782-
11792:group46,11793-11803:group47,11804-
11814:group48,11815-11825:group49,11826-
11836:group50,11837-11847:group51,11848-
11858:group52,11859-11869:group53,11870-
11880:group54,*:"

===== ubb_CL21 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133

```

```

MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL21 LMID=SITE1
      APPDIR="c:\sv-apl\fm1"
      TUXCONFIG="c:\client\tuxconfig"
      TUXDIR="c:\tuxedo"
      ULOGPFX="c:\tuxlog\numazu"
      ENVFILE="c:\sv-apl\fm1\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47

```



```

"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group16
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group17
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group18
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group19
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group20
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group21
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group22
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group23
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group24
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group25
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group26
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group27
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group28
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group29
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group30
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group31
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group32
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group33
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group34
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group35
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group36
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group37
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group38
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group39
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group40
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group41
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group42
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group43
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group44
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group45
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group46
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group47
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group48
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group49

```

```

"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group50
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group51
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group52
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group53
"TPCC"  TRANTIME=0  ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
      BUFTYPE="FML"
      RANGES="11881-11891:group1,11892-
11902:group2,11903-11913:group3,11914-
11924:group4,11925-11935:group5,11936-
11946:group6,11947-11957:group7,11958-
11968:group8,11969-11979:group9,11980-
11990:group10,11991-12001:group11,12002-
12012:group12,12013-12023:group13,12024-
12034:group14,12035-12045:group15,12046-
12056:group16,12057-12067:group17,12068-
12078:group18,12079-12089:group19,12090-
12100:group20,12101-12111:group21,12112-
12122:group22,12123-12133:group23,12134-
12144:group24,12145-12155:group25,12156-
12166:group26,12167-12177:group27,12178-
12188:group28,12189-12199:group29,12200-
12210:group30,12211-12221:group31,12222-
12232:group32,12233-12243:group33,12244-
12254:group34,12255-12265:group35,12266-
12276:group36,12277-12287:group37,12288-
12298:group38,12299-12309:group39,12310-
12320:group40,12321-12331:group41,12332-
12342:group42,12343-12353:group43,12354-
12364:group44,12365-12375:group45,12376-
12386:group46,12387-12397:group47,12398-
12408:group48,12409-12419:group49,12420-
12430:group50,12431-12441:group51,12442-
12452:group52,12453-12463:group53,12464-
12474:group54,*,*"

===== ubb_CL22 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL22 LMID=SITE1
APPDIR="c:\sv-apl\fmf"

```

```

TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fmf\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
RQADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fmf\envfile3.txt"

```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="12475-12485:group1,12486-
12496:group2,12497-12507:group3,12508-
12518:group4,12519-12529:group5,12530-
12540:group6,12541-12551:group7,12552-
12562:group8,12563-12573:group9,12574-
12584:group10,12585-12595:group11,12596-
12606:group12,12607-12617:group13,12618-
12628:group14,12629-12639:group15,12640-
12650:group16,12651-12661:group17,12662-
12672:group18,12673-12683:group19,12684-
12694:group20,12695-12705:group21,12706-
12716:group22,12717-12727:group23,12728-
12738:group24,12739-12749:group25,12750-
12760:group26,12761-12771:group27,12772-
12782:group28,12783-12793:group29,12794-
12804:group30,12805-12815:group31,12816-
12826:group32,12827-12837:group33,12838-
12848:group34,12849-12859:group35,12860-
12870:group36,12871-12881:group37,12882-
12892:group38,12893-12903:group39,12904-
12914:group40,12915-12925:group41,12926-
12936:group42,12937-12947:group43,12948-
12958:group44,12959-12969:group45,12970-
12980:group46,12981-12991:group47,12992-
13002:group48,13003-13013:group49,13014-
13024:group50,13025-13035:group51,13036-
13046:group52,13047-13057:group53,13058-
13068:group54,*,*"

===== ubb_CL23 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1

```

```

#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL23 LMID=SITE1
APPDIR="c:\sv-apl\fm1"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm1\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49

```



```

tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile44.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile42.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="13069-13079:group1,13080-
13090:group2,13091-13101:group3,13102-
13112:group4,13113-13123:group5,13124-
13134:group6,13135-13145:group7,13146-
13156:group8,13157-13167:group9,13168-
13178:group10,13179-13189:group11,13190-
13200:group12,13201-13211:group13,13212-
13222:group14,13223-13233:group15,13234-
13244:group16,13245-13255:group17,13256-
13266:group18,13267-13277:group19,13278-
13288:group20,13289-13299:group21,13300-
13310:group22,13311-13321:group23,13322-
13332:group24,13333-13343:group25,13344-
13354:group26,13355-13365:group27,13366-
13376:group28,13377-13387:group29,13388-
13398:group30,13399-13409:group31,13410-
13420:group32,13421-13431:group33,13432-
13442:group34,13443-13453:group35,13454-
13464:group36,13465-13475:group37,13476-
13486:group38,13487-13497:group39,13498-
13508:group40,13509-13519:group41,13520-
13530:group42,13531-13541:group43,13542-
13552:group44,13553-13563:group45,13564-
13574:group46,13575-13585:group47,13586-
13596:group48,13597-13607:group49,13608-
13618:group50,13619-13629:group51,13630-
13640:group52,13641-13651:group53,13652-
13662:group54,;"

===== ubb_CL24 =====
#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL24 LMID=SITE1
APPDIR="c:\sv-apl\fm"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11

```



```

TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group41
ROADDR=TPCCq41 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group42
ROADDR=TPCCq42 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group43
ROADDR=TPCCq43 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group44
ROADDR=TPCCq44 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group45
ROADDR=TPCCq45 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile32.txt"
tpcc_NT_fml SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\henvfile30.txt"

```

*SERVICES

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

```

*ROUTING

```

"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="13663-13673:group1,13674-
13684:group2,13685-13695:group3,13696-
13706:group4,13707-13717:group5,13718-
13728:group6,13729-13739:group7,13740-
13750:group8,13751-13761:group9,13762-
13772:group10,13773-13783:group11,13784-
13794:group12,13795-13805:group13,13806-
13816:group14,13817-13827:group15,13828-
13838:group16,13839-13849:group17,13850-
13860:group18,13861-13871:group19,13872-
13882:group20,13883-13893:group21,13894-
13904:group22,13905-13915:group23,13916-
13926:group24,13927-13937:group25,13938-
13948:group26,13949-13959:group27,13960-
13970:group28,13971-13981:group29,13982-
13992:group30,13993-14003:group31,14004-
14014:group32,14015-14025:group33,14026-
14036:group34,14037-14047:group35,14048-
14058:group36,14059-14069:group37,14070-
14080:group38,14081-14091:group39,14092-
14102:group40,14103-14113:group41,14114-
14124:group42,14125-14135:group43,14136-
14146:group44,14147-14157:group45,14158-
14168:group46,14169-14179:group47,14180-
14190:group48,14191-14201:group49,14202-
14212:group50,14213-14223:group51,14224-
14234:group52,14235-14245:group53,14246-
14256:group54,*:*"

```

===== ubb_CL25 =====

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL25 LMID=SITE1
  APPDIR="c:\sv-apl\fm\l"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-apl\fm\l\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
```

```
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm2 SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm3 SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm4 SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm5 SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm6 SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm7 SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm8 SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile28.txt"
tpcc_NT_fm9 SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm10 SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm11 SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm12 SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm13 SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
```

```
tpcc_NT_fm14 SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm15 SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm16 SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile26.txt"
tpcc_NT_fm17 SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm18 SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm19 SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm20 SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm21 SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm22 SRVGRP=group22
  ROADDR=TPCCq22 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm23 SRVGRP=group23
  ROADDR=TPCCq23 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm24 SRVGRP=group24
  ROADDR=TPCCq24 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile22.txt"
tpcc_NT_fm25 SRVGRP=group25
  ROADDR=TPCCq25 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
tpcc_NT_fm26 SRVGRP=group26
  ROADDR=TPCCq26 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
tpcc_NT_fm27 SRVGRP=group27
  ROADDR=TPCCq27 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
tpcc_NT_fm28 SRVGRP=group28
  ROADDR=TPCCq28 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
tpcc_NT_fm29 SRVGRP=group29
  ROADDR=TPCCq29 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
tpcc_NT_fm30 SRVGRP=group30
  ROADDR=TPCCq30 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  apl\fm\l\envfile18.txt"
```



```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

```
*ROUTING
```

```
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="14257-14267:group1,14268-
14278:group2,14279-14289:group3,14290-
14300:group4,14301-14311:group5,14312-
14322:group6,14323-14333:group7,14334-
14344:group8,14345-14355:group9,14356-
14366:group10,14367-14377:group11,14378-
14388:group12,14389-14399:group13,14400-
14410:group14,14411-14421:group15,14422-
14432:group16,14433-14443:group17,14444-
14454:group18,14455-14465:group19,14466-
14476:group20,14477-14487:group21,14488-
14498:group22,14499-14509:group23,14510-
14520:group24,14521-14531:group25,14532-
14542:group26,14543-14553:group27,14554-
14564:group28,14565-14575:group29,14576-
14586:group30,14587-14597:group31,14598-
14608:group32,14609-14619:group33,14620-
14630:group34,14631-14641:group35,14642-
14652:group36,14653-14663:group37,14664-
14674:group38,14675-14685:group39,14686-
14696:group40,14697-14707:group41,14708-
14718:group42,14719-14729:group43,14730-
14740:group44,14741-14751:group45,14752-
14762:group46,14763-14773:group47,14774-
14784:group48,14785-14795:group49,14796-
14806:group50,14807-14817:group51,14818-
14828:group52,14829-14839:group53,14840-
14850:group54,**"
```

```
===== ubb_CL26 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL26 LMID=SITE1
APPDIR="c:\sv-apl\fm"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
```

```
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile12.txt"
tpcc_NT_fm SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile11.txt"
tpcc_NT_fm SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group18
ROADDR=TPCCq18 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile10.txt"
tpcc_NT_fm SRVGRP=group19
ROADDR=TPCCq19 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fm SRVGRP=group20
ROADDR=TPCCq20 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
tpcc_NT_fm SRVGRP=group21
ROADDR=TPCCq21 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile9.txt"
```



```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

*ROUTING

```
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="14851-14861:group1,14862-
14872:group2,14873-14883:group3,14884-
14894:group4,14895-14905:group5,14906-
14916:group6,14917-14927:group7,14928-
14938:group8,14939-14949:group9,14950-
14960:group10,14961-14971:group11,14972-
14982:group12,14983-14993:group13,14994-
15004:group14,15005-15015:group15,15016-
15026:group16,15027-15037:group17,15038-
15048:group18,15049-15059:group19,15060-
15070:group20,15071-15081:group21,15082-
15092:group22,15093-15103:group23,15104-
15114:group24,15115-15125:group25,15126-
15136:group26,15137-15147:group27,15148-
15158:group28,15159-15169:group29,15170-
15180:group30,15181-15191:group31,15192-
15202:group32,15203-15213:group33,15214-
15224:group34,15225-15235:group35,15236-
15246:group36,15247-15257:group37,15258-
15268:group38,15269-15279:group39,15280-
15290:group40,15291-15301:group41,15302-
15312:group42,15313-15323:group43,15324-
15334:group44,15335-15345:group45,15346-
15356:group46,15357-15367:group47,15368-
15378:group48,15379-15389:group49,15390-
15400:group50,15401-15411:group51,15412-
15422:group52,15423-15433:group53,15434-
15444:group54,*"
```

```
===== ubb_CL27 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

*RESOURCES

```
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

*MACHINES

```
CL27 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\lnumazu"
ENVFILE="c:\sv-apl\fm\l\envfile.txt"
```

*GROUPS

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

*SERVERS

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm1 SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm2 SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm3 SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
```

```
tpcc_NT_fm4 SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile5.txt"
tpcc_NT_fm5 SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm6 SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm7 SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm8 SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm9 SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm10 SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm11 SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm12 SRVGRP=group12
ROADDR=TPCCq12 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile4.txt"
tpcc_NT_fm13 SRVGRP=group13
ROADDR=TPCCq13 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm14 SRVGRP=group14
ROADDR=TPCCq14 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm15 SRVGRP=group15
ROADDR=TPCCq15 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm16 SRVGRP=group16
ROADDR=TPCCq16 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm17 SRVGRP=group17
ROADDR=TPCCq17 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm18 SRVGRP=group18
ROADDR=TPCCq18 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm19 SRVGRP=group19
ROADDR=TPCCq19 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm20 SRVGRP=group20
ROADDR=TPCCq20 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile3.txt"
tpcc_NT_fm21 SRVGRP=group21
ROADDR=TPCCq21 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fm22 SRVGRP=group22
ROADDR=TPCCq22 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fm23 SRVGRP=group23
ROADDR=TPCCq23 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fm24 SRVGRP=group24
ROADDR=TPCCq24 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fm25 SRVGRP=group25
ROADDR=TPCCq25 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
tpcc_NT_fm26 SRVGRP=group26
ROADDR=TPCCq26 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\l\envfile2.txt"
```



```
*ROUTING
"route" FIELD=FML_TERM
  BUFTYPE="FML"
  RANGES="15445-15455:group1,15456-15466:group2,15467-15477:group3,15478-15488:group4,15489-15499:group5,15500-15510:group6,15511-15521:group7,15522-15532:group8,15533-15543:group9,15544-15554:group10,15555-15565:group11,15566-15576:group12,15577-15587:group13,15588-15598:group14,15599-15609:group15,15610-15620:group16,15621-15631:group17,15632-15642:group18,15643-15653:group19,15654-15664:group20,15665-15675:group21,15676-15686:group22,15687-15697:group23,15698-15708:group24,15709-15719:group25,15720-15730:group26,15731-15741:group27,15742-15752:group28,15753-15763:group29,15764-15774:group30,15775-15785:group31,15786-15796:group32,15797-15807:group33,15808-15818:group34,15819-15829:group35,15830-15840:group36,15841-15851:group37,15852-15862:group38,15863-15873:group39,15874-15884:group40,15885-15895:group41,15896-15906:group42,15907-15917:group43,15918-15928:group44,15929-15939:group45,15940-15950:group46,15951-15961:group47,15962-15972:group48,15973-15983:group49,15984-15994:group50,15995-16005:group51,16006-16016:group52,16017-16027:group53,16028-16038:group54,*:"
```

```
===== ubb_CL28 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL28 LMID=SITE1
  APPDIR="c:\sv-aplfml"
  TUXCONFIG="c:\client\tuxconfig"
  TUXDIR="c:\tuxedo"
  ULOGPFX="c:\tuxlog\numazu"
  ENVFILE="c:\sv-aplfml\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
```

```
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N ROPERM=0660
tpcc_NT_fml SRVGRP=group1
  ROADDR=TPCCq1 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group2
  ROADDR=TPCCq2 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group3
  ROADDR=TPCCq3 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group4
  ROADDR=TPCCq4 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
```

```
tpcc_NT_fml SRVGRP=group5
  ROADDR=TPCCq5 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group6
  ROADDR=TPCCq6 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile60.txt"
tpcc_NT_fml SRVGRP=group7
  ROADDR=TPCCq7 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group8
  ROADDR=TPCCq8 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group9
  ROADDR=TPCCq9 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group10
  ROADDR=TPCCq10 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group11
  ROADDR=TPCCq11 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group12
  ROADDR=TPCCq12 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group13
  ROADDR=TPCCq13 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group14
  ROADDR=TPCCq14 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile58.txt"
tpcc_NT_fml SRVGRP=group15
  ROADDR=TPCCq15 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group16
  ROADDR=TPCCq16 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group17
  ROADDR=TPCCq17 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group18
  ROADDR=TPCCq18 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group19
  ROADDR=TPCCq19 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group20
  ROADDR=TPCCq20 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
tpcc_NT_fml SRVGRP=group21
  ROADDR=TPCCq21 SRVID=1 CLOPT="-s
  TPCC:TPCC" ENVFILE="c:\sv-
  aplfml\envfile56.txt"
```



```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

```
*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="16039-16049:group1,16050-
16060:group2,16061-16071:group3,16072-
16082:group4,16083-16093:group5,16094-
16104:group6,16105-16115:group7,16116-
16126:group8,16127-16137:group9,16138-
16148:group10,16149-16159:group11,16160-
16170:group12,16171-16181:group13,16182-
16192:group14,16193-16203:group15,16204-
16214:group16,16215-16225:group17,16226-
16236:group18,16237-16247:group19,16248-
16258:group20,16259-16269:group21,16270-
16280:group22,16281-16291:group23,16292-
16302:group24,16303-16313:group25,16314-
16324:group26,16325-16335:group27,16336-
16346:group28,16347-16357:group29,16358-
16368:group30,16369-16379:group31,16380-
16390:group32,16391-16401:group33,16402-
16412:group34,16413-16423:group35,16424-
16434:group36,16435-16445:group37,16446-
16456:group38,16457-16467:group39,16468-
16478:group40,16479-16489:group41,16490-
16500:group42,16501-16511:group43,16512-
16522:group44,16523-16533:group45,16534-
16544:group46,16545-16555:group47,16556-
16566:group48,16567-16577:group49,16578-
16588:group50,16589-16599:group51,16600-
```

```
16610:group52,16611-16621:group53,16622-
16632:group54,*:"
```

```
===== ubb_CL29 =====
```

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

```
*MACHINES
```

```
CL29 LMID=SITE1
APPDIR="c:\sv-aplfml"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-aplfml\envfile.txt"
```

```
*GROUPS
```

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
```

```
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54
```

```
*SERVERS
```

```
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fml SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group2
ROADDR=TPCCq2 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group3
ROADDR=TPCCq3 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group4
ROADDR=TPCCq4 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group5
ROADDR=TPCCq5 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group6
ROADDR=TPCCq6 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group7
ROADDR=TPCCq7 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group8
ROADDR=TPCCq8 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile46.txt"
tpcc_NT_fml SRVGRP=group9
ROADDR=TPCCq9 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile44.txt"
tpcc_NT_fml SRVGRP=group10
ROADDR=TPCCq10 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile44.txt"
tpcc_NT_fml SRVGRP=group11
ROADDR=TPCCq11 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
aplfml\envfile44.txt"
```



```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="16633-16643:group1,16644-
16654:group2,16655-16665:group3,16666-
16676:group4,16677-16687:group5,16688-
16698:group6,16699-16709:group7,16710-
16720:group8,16721-16731:group9,16732-
16742:group10,16743-16753:group11,16754-
16764:group12,16765-16775:group13,16776-
16786:group14,16787-16797:group15,16798-
16808:group16,16809-16819:group17,16820-
16830:group18,16831-16841:group19,16842-
16852:group20,16853-16863:group21,16864-
16874:group22,16875-16885:group23,16886-
16896:group24,16897-16907:group25,16908-
16918:group26,16919-16929:group27,16930-
16940:group28,16941-16951:group29,16952-
16962:group30,16963-16973:group31,16974-
16984:group32,16985-16995:group33,16996-
17006:group34,17007-17017:group35,17018-
17028:group36,17029-17039:group37,17040-
17050:group38,17051-17061:group39,17062-
17072:group40,17073-17083:group41,17084-
17094:group42,17095-17105:group43,17106-
17116:group44,17117-17127:group45,17128-
17138:group46,17139-17149:group47,17150-
17160:group48,17161-17171:group49,17172-
17182:group50,17183-17193:group51,17194-
17204:group52,17205-17215:group53,17216-
17226:group54,*;"

===== ubb_CL30 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES

CL30 LMID=SITE1
APPDIR="c:\sv-apl\fm"

```

```

TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFX="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23
group24 LMID=SITE1 GRPNO=24
group25 LMID=SITE1 GRPNO=25
group26 LMID=SITE1 GRPNO=26
group27 LMID=SITE1 GRPNO=27
group28 LMID=SITE1 GRPNO=28
group29 LMID=SITE1 GRPNO=29
group30 LMID=SITE1 GRPNO=30
group31 LMID=SITE1 GRPNO=31
group32 LMID=SITE1 GRPNO=32
group33 LMID=SITE1 GRPNO=33
group34 LMID=SITE1 GRPNO=34
group35 LMID=SITE1 GRPNO=35
group36 LMID=SITE1 GRPNO=36
group37 LMID=SITE1 GRPNO=37
group38 LMID=SITE1 GRPNO=38
group39 LMID=SITE1 GRPNO=39
group40 LMID=SITE1 GRPNO=40
group41 LMID=SITE1 GRPNO=41
group42 LMID=SITE1 GRPNO=42
group43 LMID=SITE1 GRPNO=43
group44 LMID=SITE1 GRPNO=44
group45 LMID=SITE1 GRPNO=45
group46 LMID=SITE1 GRPNO=46
group47 LMID=SITE1 GRPNO=47
group48 LMID=SITE1 GRPNO=48
group49 LMID=SITE1 GRPNO=49
group50 LMID=SITE1 GRPNO=50
group51 LMID=SITE1 GRPNO=51
group52 LMID=SITE1 GRPNO=52
group53 LMID=SITE1 GRPNO=53
group54 LMID=SITE1 GRPNO=54

*SERVERS
DEFAULT: RESTART=Y MAXGEN=5
REPLYQ=N RQPERM=0660
tpcc_NT_fm SRVGRP=group1
ROADDR=TPCCq1 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile34.txt"

```



```

tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-
apl\fm\envfile16.txt"

*SERVICES
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29

```

```

"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54

*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="17227-17237:group1,17238-
17248:group2,17249-17259:group3,17260-
17270:group4,17271-17281:group5,17282-
17292:group6,17293-17303:group7,17304-
17314:group8,17315-17325:group9,17326-
17336:group10,17337-17347:group11,17348-
17358:group12,17359-17369:group13,17370-
17380:group14,17381-17391:group15,17392-
17402:group16,17403-17413:group17,17414-
17424:group18,17425-17435:group19,17436-
17446:group20,17447-17457:group21,17458-
17468:group22,17469-17479:group23,17480-
17490:group24,17491-17501:group25,17502-
17512:group26,17513-17523:group27,17524-
17534:group28,17535-17545:group29,17546-

```

```

17556:group30,17557-17567:group31,17568-
17578:group32,17579-17589:group33,17590-
17600:group34,17601-17611:group35,17612-
17622:group36,17623-17633:group37,17634-
17644:group38,17645-17655:group39,17656-
17666:group40,17667-17677:group41,17678-
17688:group42,17689-17699:group43,17700-
17710:group44,17711-17721:group45,17722-
17732:group46,17733-17743:group47,17744-
17754:group48,17755-17765:group49,17766-
17776:group50,17777-17787:group51,17788-
17798:group52,17799-17809:group53,17810-
17820:group54,*.*"

===== ubb_CL31 =====

#
# ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10

*MACHINES
CL31 LMID=SITE1
APPDIR="c:\sv-apl\fm\l"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFx="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm\l\envfile.txt"

*GROUPS
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
group6 LMID=SITE1 GRPNO=6
group7 LMID=SITE1 GRPNO=7
group8 LMID=SITE1 GRPNO=8
group9 LMID=SITE1 GRPNO=9
group10 LMID=SITE1 GRPNO=10
group11 LMID=SITE1 GRPNO=11
group12 LMID=SITE1 GRPNO=12
group13 LMID=SITE1 GRPNO=13
group14 LMID=SITE1 GRPNO=14
group15 LMID=SITE1 GRPNO=15
group16 LMID=SITE1 GRPNO=16
group17 LMID=SITE1 GRPNO=17
group18 LMID=SITE1 GRPNO=18
group19 LMID=SITE1 GRPNO=19
group20 LMID=SITE1 GRPNO=20
group21 LMID=SITE1 GRPNO=21
group22 LMID=SITE1 GRPNO=22
group23 LMID=SITE1 GRPNO=23

```



```
tpcc_NT_fm1 SRVGRP=group46
ROADDR=TPCCq46 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group47
ROADDR=TPCCq47 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group48
ROADDR=TPCCq48 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group49
ROADDR=TPCCq49 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group50
ROADDR=TPCCq50 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group51
ROADDR=TPCCq51 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile8.txt"
tpcc_NT_fm1 SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile7.txt"
tpcc_NT_fm1 SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm1\envfile7.txt"
```

*SERVICES

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
```

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group53
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

```
*ROUTING
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="17821-17831:group1,17832-
17842:group2,17843-17853:group3,17854-
17864:group4,17865-17875:group5,17876-
17886:group6,17887-17897:group7,17898-
17908:group8,17909-17919:group9,17920-
17930:group10,17931-17941:group11,17942-
17952:group12,17953-17963:group13,17964-
17974:group14,17975-17985:group15,17986-
17996:group16,17997-18007:group17,18008-
18018:group18,18019-18029:group19,18030-
18040:group20,18041-18051:group21,18052-
18062:group22,18063-18073:group23,18074-
18084:group24,18085-18095:group25,18096-
18106:group26,18107-18117:group27,18118-
18128:group28,18129-18139:group29,18140-
18150:group30,18151-18161:group31,18162-
18172:group32,18173-18183:group33,18184-
18194:group34,18195-18205:group35,18206-
18216:group36,18217-18227:group37,18228-
18238:group38,18239-18249:group39,18250-
18260:group40,18261-18271:group41,18272-
18282:group42,18283-18293:group43,18294-
18304:group44,18305-18315:group45,18316-
18326:group46,18327-18337:group47,18338-
18348:group48,18349-18359:group49,18360-
18370:group50,18371-18381:group51,18382-
18392:group52,18393-18403:group53,18404-
18414:group54,*"
```

===== ubb_CL32 =====

```
#
# ubbconfig : TUXEDO configuration file
#
```

```
*RESOURCES
IPCKEY 133133
MASTER SITE1
#UID 1
#GID 1
PERM 0660
MAXACCESSERS 2000
MAXSERVERS 92
MAXSERVICES 1000
MODEL SHM
LDBAL Y
SCANUNIT 30
BLOCKTIME 10
```

*MACHINES

```
CL32 LMID=SITE1
APPDIR="c:\sv-apl\fm1"
TUXCONFIG="c:\client\tuxconfig"
TUXDIR="c:\tuxedo"
ULOGPFx="c:\tuxlog\numazu"
ENVFILE="c:\sv-apl\fm1\envfile.txt"
```

*GROUPS

```
group1 LMID=SITE1 GRPNO=1
group2 LMID=SITE1 GRPNO=2
group3 LMID=SITE1 GRPNO=3
group4 LMID=SITE1 GRPNO=4
group5 LMID=SITE1 GRPNO=5
```



```
tpcc_NT_fml SRVGRP=group52
ROADDR=TPCCq52 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile1.txt"
tpcc_NT_fml SRVGRP=group53
ROADDR=TPCCq53 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile1.txt"
tpcc_NT_fml SRVGRP=group54
ROADDR=TPCCq54 SRVID=1 CLOPT="-s
TPCC:TPCC" ENVFILE="c:\sv-apl\fm\envfile1.txt"
```

*SERVICES

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group26
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group27
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group28
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group29
```

```
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group30
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group31
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group32
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group33
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group34
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group35
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group36
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group37
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group38
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group39
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group40
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group41
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group42
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group43
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group44
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group45
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group46
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group47
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group48
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group49
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group50
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group51
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group52
"TPCC" TRANTIME=0 ROUTING="route"
SRVGRP=group54
```

*ROUTING

```
"route" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="18415-18425:group1,18426-
18436:group2,18437-18447:group3,18448-
18458:group4,18459-18469:group5,18470-
18480:group6,18481-18491:group7,18492-
18502:group8,18503-18513:group9,18514-
18524:group10,18525-18535:group11,18536-
18546:group12,18547-18557:group13,18558-
18568:group14,18569-18579:group15,18580-
18590:group16,18591-18601:group17,18602-
18612:group18,18613-18623:group19,18624-
18634:group20,18635-18645:group21,18646-
18656:group22,18657-18667:group23,18668-
18678:group24,18679-18689:group25,18690-
18700:group26,18701-18711:group27,18712-
18722:group28,18723-18733:group29,18734-
```

```
18744:group30,18745-18755:group31,18756-
18766:group32,18767-18777:group33,18778-
18788:group34,18789-18799:group35,18800-
18810:group36,18811-18821:group37,18822-
18832:group38,18833-18843:group39,18844-
18854:group40,18855-18865:group41,18866-
18876:group42,18877-18887:group43,18888-
18898:group44,18899-18909:group45,18910-
18920:group46,18921-18931:group47,18932-
18942:group48,18943-18953:group49,18954-
18964:group50,18965-18975:group51,18976-
18986:group52,18987-18997:group53,18998-
19008:group54,*"
```

===== W3SVC01.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL01"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrsrv"
"SecurePort"=dword:000001bb
```

```

"Filter
DLLs"="C:\WINNT\System32\inet\sspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\httpodbc.dll"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/tpc4,"="C:\client\tpap\tpapkeep,,5"
"/Scripts,"="C:\inetPub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inet\iisad
min,,1"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,8c,00,05,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,01,00,00,00,5c,00,53,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,65,00,72,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,0,6
5,00,72,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,65,00,72,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001

```

===== W3SVC02.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]

```

```

"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL23"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inet\svr"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inet\sspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\httpodbc.dll"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inet\iisad
min,,1"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"

```

```

"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,8c,00,05,00,00,00,0,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,0
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001

```

===== W3svc03.reg =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):43,3a,5c,54,45,4d,50,0
0

```



```
"LogFileTruncateSize"=dword:ffffff
"LogFilePeriod"=dword:00000000
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL03"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/, "C:\inetPub\wwwroot, 1"
"/tpc, "C:\client\tpap\Release,,5"
"/tpci, "C:\client\tpap\Release_dll,,5"
"/Scripts, "C:\inetPub\scripts,,4"
"/iisadmin, "C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,01,00,00,00,74,00,44,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,65,00,74,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,6
5,00,74,00,00,00,1c,00,ff,01,
0f,00,01,02,00,00,00,00,05,20,00,00,25,0
2,00,00,65,00,74,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
```

```
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC04.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL04"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspifilt.dll"
```

```
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/, "C:\inetPub\wwwroot, 1"
"/tpc, "C:\client\tpap\Release,,5"
"/Scripts, "C:\inetPub\scripts,,4"
"/iisadmin, "C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,0
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
0,5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC05.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
```

```
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL05"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspsfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\Scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
```

```
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,38,25,15,00,00,01,
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,c8,00,14,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,c
8,00,14,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,c8,00,14,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC06.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
```

```
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
```

```
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL06"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspsfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\Scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,c
8,00,14,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```



```
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,00,018,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,00,00,00,00,00,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,02,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,00,05,12,00,00,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC09.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,53,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,52,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
```

```
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL09"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetpub\wwwroot,1"
"/tpc,"="C:\client\tpap\Release,5"
"/Scripts,"="C:\inetpub\scripts,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisadmin,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,00,018,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,00,00,00,00,00,00,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,02,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,00,05,12,00,00,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC10.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,53,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,52,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL10"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetpub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetpub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisadmin,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.dll"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,00,14,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,0,\
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,1\
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,23,02,00,00,00,00,00,\
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,0\
0,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,25,0\
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,05,12,00,0\
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,0,\
0,5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC11.reg =====
```

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000001
"ImagePath"=hex(2):43,00,3a,00,5c,00,57,00,49,\
00,4e,00,4e,00,54,00,5c,00,53,00,\
```

```
79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,0\
0,69,00,6e,00,65,00,74,00,73,\
00,72,00,76,00,5c,00,69,00,6e,00,65,00,74,00,6\
9,00,6e,00,66,00,6f,00,2e,00,\
65,00,78,00,65,00,00,00
```

```
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):49,00,49,00,53,00,41,\
00,44,00,4d,00,49,00,4e,00,00,00,\
00,00
"DependOnGroup"=hex(7):00,00
"ObjectName"="LocalSystem"
"Description"="
Web
"FailureActions"=hex:ff,ff,ff,ff,00,00,00,00,00,\
00,03,00,00,00,ff,95,0c,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,\
0,00,00,00,00,00,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\ASPI]
"NOTE"=" "
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\ASPI\Parameters]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000005
"MinorVersion"=dword:00000000
"InstallPath"="C:\WINNT\System32\inetrv"
"CertMapList"="C:\WINNT\System32\inetrv\iisc\
rmap.dll"
"AccessDeniedMessage"="Error: Access is Denied"
"Filter DLLs"=""
"LogFileDirectory"="C:\WINNT\System32\LogFiles"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\ADCLaunch]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\ADCLaunch\AdvancedDataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\ADCLaunch\RDS\Server.DataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/"="c:\inetpub\wwwroot,,205"
"/Scripts"="c:\inetpub\scripts,,204"
"/IISHelp"="c:\winnt\help\iishelp,,201"
"/IISAdmin"="C:\WINNT\System32\inetrv\iisadmin,,201"
"/IISSamples"="c:\inetpub\iissamples,,201"
"/MSADC"="c:\program files\common files\system\msadc,,205"
"/_vti_bin"="C:\Program Files\Microsoft Shared\Web Server Extensions\40\isapi,,205"
"/PBServer"="C:\Program Files\Phone Book Service\Bin,,5"
```

```
"/PBSDATA"="C:\Program Files\Phone Book Service\Data,,1"
"/Printers"="C:\WINNT\web\printers,,201"
"/tpc"="C:\client\tpap\Release,,205"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.dll"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:000008e6
"Last Help"=dword:000008e7
"First Counter"=dword:00000844
"First Help"=dword:00000845
"Library Validation Code"=hex:f4,67,a5,53,51,83,c0,01,10,3d,00,00,\
0,00,00,00
"WbemAdapFileTime"=hex:00,a6,cb,54,57,f3,bf,0\
1
"WbemAdapFileSize"=dword:00003d10
"WbemAdapStatus"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,a0,00,00,00,ac,00,00,\
00,14,00,00,00,30,00,00,02,\
00,1c,00,01,00,00,02,80,14,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,02,00,70,00,04,00,00,00,00,18,00,fd,0\
1,02,00,01,01,00,00,00,00,\
05,12,00,00,00,74,00,6f,00,00,1c,00,ff,01,0f,\
0,01,02,00,00,00,00,00,05,\
20,00,00,00,20,02,00,00,72,00,73,00,00,18,0\
0,8d,01,02,00,01,01,00,00,00,\
00,00,05,0b,00,00,00,20,02,00,00,00,1c,00,fd,\
01,02,00,01,02,00,00,00,\
00,05,20,00,00,00,23,02,00,00,72,00,73,00,01,\
0,1,00,00,00,00,05,12,00,00,\
00,01,01,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3svc12.reg =====
```

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5\
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,\
78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,\
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```



```
05,12,00,00,00,74,00,6f,00,00,00,1c,00,ff,01,0f,0
0,01,02,00,00,00,00,00,05,\
  20,00,00,00,20,02,00,00,72,00,73,00,00,00,18,0
0,8d,01,02,00,01,01,00,00,00,\
  00,00,05,0b,00,00,00,20,02,00,00,00,00,1c,00,fd,
01,02,00,01,02,00,00,00,00,\
  00,05,20,00,00,00,23,02,00,00,72,00,73,00,01,0
1,00,00,00,00,05,12,00,00,\
  00,01,01,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC14.reg =====

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000001
"ImagePath"=hex(2):43,00,3a,00,5c,00,57,00,49,
00,4e,00,4e,00,54,00,5c,00,53,00,\
  79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,0
0,69,00,6e,00,65,00,74,00,73,\
  00,72,00,76,00,5c,00,69,00,6e,00,65,00,74,00,6
9,00,6e,00,66,00,6f,00,2e,00,\
  65,00,78,00,65,00,00,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):49,00,49,00,53,00,41,
00,44,00,4d,00,49,00,4e,00,00,00,\
  00,00
"DependOnGroup"=hex(7):00,00
"ObjectName"="LocalSystem"
"Description"="
Web
"
"FailureActions"=hex:ff,ff,ff,ff,00,00,00,00,00,00,00,00,
00,03,00,00,00,30,40,0d,\
  00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
0,00,00,00,00,00,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\ASP]
"NOTE"=" "
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\ASPI\Parameters]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000005
"MinorVersion"=dword:00000000
"InstallPath"="C:\WINNT\System32\inetsrv"
"CertMapList"="C:\WINNT\System32\inetsrv\iiscc
rmap.dll"
"AccessDeniedMessage"="Error: Access is
Denied"
"Filter DLLs"=""
"LogFileDirectory"="C:\WINNT\System32\LogFil
es"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch\
AdvancedDataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch\
RDS\Server.DataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/"="c:\inetpub\wwwroot,,205"
"/Scripts"="c:\inetpub\scripts,,204"
"/IISHelp"="c:\winnt\help\iis\help,,201"
"/IISAdmin"="C:\WINNT\System32\inetsrv\iisad
min,,201"
"/IISSamples"="c:\inetpub\iissamples,,201"
"/MSADC"="c:\program files\common
files\system\msadc,,205"
"/_vti_bin"="C:\Program Files\Common
Files\Microsoft Shared\Web Server
Extensions\40\iisapi,,205"
"/PBServer"="C:\Program Files\Phone Book
Service\Bin,,5"
"/PBSDData"="C:\Program Files\Phone Book
Service\Data,,1"
"/Printers"="C:\WINNT\web\printers,,201"
"/tpc"="C:\client\tpap\Release,,205"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.dll"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:000008e6
"Last Help"=dword:000008e7
"First Counter"=dword:00000844
"First Help"=dword:00000845
"Library Validation
Code"=hex:f4,67,a5,53,51,83,c0,01,10,3d,00,00,0
0,00,00,00
"WbemAdapFileTime"=hex:00,a6,cb,54,57,f3,bf,0
1
"WbemAdapFileSize"=dword:00003d10
"WbemAdapStatus"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,a0,00,00,00,ac,00,00,
00,14,00,00,00,30,00,00,00,02,\
  00,1c,00,01,00,00,00,02,80,14,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
  00,00,02,00,70,00,04,00,00,00,00,18,00,fd,0
1,02,00,01,01,00,00,00,00,\
  05,12,00,00,00,74,00,6f,00,00,00,1c,00,ff,01,0f,0
0,01,02,00,00,00,00,05,\
  20,00,00,00,20,02,00,00,72,00,73,00,00,00,18,0
0,8d,01,02,00,01,01,00,00,\
  00,00,05,0b,00,00,00,20,02,00,00,00,00,1c,00,fd,
01,02,00,01,02,00,00,00,\
  00,05,20,00,00,00,23,02,00,00,72,00,73,00,01,0
1,00,00,00,00,05,12,00,00,\
  00,01,01,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC15.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
  65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
  65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL15"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetsrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetsrv\iisppifil.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
```



```
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL17"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,50,db,14,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\00000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC18.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
```

```
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
```

```
"DependOnGroup"=hex(7):00
```

```
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
```

```
"LogFileTruncateSize"=dword:01400000
```

```
"LogFilePeriod"=dword:00000001
```

```
"LogFileFormat"=dword:00000000
```

```
"LogSqlDataSource"="HTTPLOG"
```

```
"LogSqlTableName"="Internetlog"
```

```
"LogSqlUserName"="InternetAdmin"
```

```
"LogSqlPassword"="sqllog"
```

```
"Authorization"=dword:00000005
```

```
"AnonymousUserName"="IUSR_CL18"
```

```
"Default Load File"="Default.htm"
```

```
"Dir Browse Control"=dword:4000001e
```

```
"CheckForWAISDB"=dword:00000000
```

```
"CacheExtensions"=dword:00000001
```

```
"GlobalExpire"=dword:ffffff
```

```
"ServerSideIncludesEnabled"=dword:00000001
```

```
"ServerSideIncludesExtension"=".stm"
```

```
"DebugFlags"=dword:00000008
```

```
"ScriptTimeout"=dword:00000384
```

```
"ConnectionTimeout"=dword:00000384
```

```
"InstallPath"="C:\WINNT\System32\inetrv"
```

```
"SecurePort"=dword:000001bb
```

```
"Filter
DLLs"="C:\WINNT\System32\inetrv\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
```

```
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,e0,0d,15,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0,
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\00000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC19.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
```

```
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL19"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inet\inet\
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inet\inet\sspi\fill.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\inet\http\podbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inet\pub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inet\pub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inet\inet\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC20.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
```

```
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL25"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inet\inet\
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inet\inet\sspi\fill.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\inet\http\podbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inet\pub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inet\pub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inet\inet\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,ff,ff,00,00,1c,0
0,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,d8,00,14,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,d
8,00,14,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,d8,00,14,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC21.reg =====

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000001
"ImagePath"=hex(2):43,00,3a,00,5c,00,57,00,49,
00,4e,00,4e,00,54,00,5c,00,53,00,\
79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,0
0,69,00,6e,00,65,00,74,00,73,\
00,72,00,76,00,5c,00,69,00,6e,00,65,00,74,00,6
9,00,6e,00,66,00,6f,00,2e,00,\
65,00,78,00,65,00,00,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):49,00,49,00,53,00,41,
00,44,00,4d,00,49,00,4e,00,00,00,\
00,00
"DependOnGroup"=hex(7):00,00
"ObjectName"="LocalSystem"
"Description"="
Web
"FailureActions"=hex:ff,ff,ff,00,00,00,00,00,00,
00,03,00,00,00,98,a9,0c,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,0
0,00,00,00,00,00,00,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\ASP]
"NOTE"=" "
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\ASP\Parameters]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000005
"MinorVersion"=dword:00000000
"InstallPath"="C:\WINNT\System32\inetsrv"
"CertMapList"="C:\WINNT\System32\inetsrv\iisc
rmap.dll"
"AccessDeniedMessage"="Error: Access is
Denied"
"Filter DLLs"=""
"LogFileDirectory"="C:\WINNT\System32\LogFil
es"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch\
AdvancedDataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\ADCLaunch\
RDSSEServer.DataFactory]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/"="c:\inetpub\wwwroot,,205"
"/Scripts"="c:\inetpub\scripts,,204"
"/IISHelp"="c:\winnt\help\iishelp,,201"
"/IISAdmin"="C:\WINNT\System32\inetsrv\iisad
min,,201"
"/IISSamples"="c:\inetpub\iissamples,,201"
"/MSADC"="c:\program files\common
files\system\msadc,,205"
"/_vti_bin"="C:\Program Files\Common
Files\Microsoft Shared\Web Server
Extensions\40\isapi,,205"
"/PBServer"="C:\Program Files\Phone Book
Service\Bin,,5"
"/PBSData"="C:\Program Files\Phone Book
Service\Data,,1"
"/Printers"="C:\WINNT\lweb\printers,,201"
"/tpc"="C:\client\tpap\Release,,205"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.dll"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:000008e6
"Last Help"=dword:000008e7
"First Counter"=dword:00000844
"First Help"=dword:00000845
"Library Validation
Code"=hex:f4,67,a5,53,51,83,c0,01,10,3d,00,00,0
0,00,00,00
"WbemAdapFileTime"=hex:00,a6,cb,54,57,f3,bf,0
1
"WbemAdapFileSize"=dword:00003d10
"WbemAdapStatus"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,a0,00,00,00,ac,00,00,
00,14,00,00,00,30,00,00,00,02,\
00,1c,00,01,00,00,00,02,80,14,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,02,00,70,00,04,00,00,00,00,18,00,fd,0
1,02,00,01,01,00,00,00,00,\
05,12,00,00,00,74,00,6f,00,00,00,1c,00,ff,01,0f,0
0,01,02,00,00,00,00,00,05,\
20,00,00,00,20,02,00,00,72,00,73,00,00,00,18,0
0,8d,01,02,00,01,01,00,00,00,\
00,00,05,0b,00,00,00,20,02,00,00,00,00,1c,00,fd,
01,02,00,01,02,00,00,00,\
00,05,20,00,00,00,23,02,00,00,72,00,73,00,01,0
1,00,00,00,00,05,12,00,00,\
00,01,01,00,00,00,00,05,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC22.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="tpc"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetsrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetsrv\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetsrv\httpodbc.dll
"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetpub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetpub\scripts,,4"
```

```
"\iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,6d,00,63,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,69,00,61,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,6
9,00,61,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,00,05,20,00,00,00,25,0
2,00,00,69,00,61,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC23.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
```

```
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTLPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL02"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\InetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\InetPub\scripts,,4"
"\iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,68,20,15,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
```

```
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC24.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTLPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL25"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
```

```
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetpub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/tpce,"="C:\client\tpap\Release_dll,,5"
"/Scripts,"="C:\inetpub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,0,
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,0,
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,0,
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,01,01,00,00,00,00,0,
5,12,00,00,0
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC25.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):43,3a,5c,54,45,4d,50,0
0
"LogFileTruncateSize"=dword:ffffff
"LogFilePeriod"=dword:00000000
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL06"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISSDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetpub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetpub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetrv\iisad
min,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,05,00,53,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,65,00,72,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,20,02,00,00,6
5,00,72,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,25,0
2,00,00,65,00,72,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0,
5,12,00,00,0
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC26.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
```

```

"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPOLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="tpc"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:c000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetsrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetsrv\sspicfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetsrv\httpodbc.dll"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\Scripts,4"
"/iisadmin,"="C:\WINNT\System32\inetsrv\iisad
min,,1"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,10,2d,15,00,00,0,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\

```

```

02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001

```

===== W3SVC27.REG =====

REGEDIT4

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPOLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="tpc"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008

```

```

"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetsrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetsrv\sspicfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetsrv\httpodbc.dll"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\inetPub\Scripts,4"
"/iisadmin,"="C:\WINNT\System32\inetsrv\iisad
min,,1"

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,cc,00,00,
00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,74,00,44,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,65,00,74,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,6
5,00,74,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,65,00,74,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]

```

```

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001

```

===== W3SVC28.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,53,79,73,74,65,6d,33,32,5c,69,6e,65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,52,6f,6f,74,25,5c,53,79,73,74,65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="tpc"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inet\inet\httpodbc.dll"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inet\inet\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\inet\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,1"
"/tpc,"="C:\client\tpap\Release,5"
"/Scripts,"="C:\inetPub\scripts,4"
"/isadmin,"="C:\WINNT\System32\inet\inet\isadmin,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0,0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,05,20,00,00,00,20,02,00,00,0,0,00,00,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,02,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0,0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0,5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3SVC29.REG =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,53,79,73,74,65,6d,33,32,5c,69,6e,65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
```

```
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,52,6f,6f,74,25,5c,53,79,73,74,65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inet\inet\httpodbc.dll"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inet\inet\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""
"AnonymousUserName"="tpc"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inet\inet\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\inetPub\wwwroot,1"
"/tpc,"="C:\client\tpap\Release,5"
"/Scripts,"="C:\inetPub\scripts,4"
"/isadmin,"="C:\WINNT\System32\inet\inet\isadmin,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,00,14,00,00,00,34,00,00,02,\
00,20,00,01,00,00,02,80,18,00,ff,01,0f,00,01,01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,74,00,69,00,00,00,1c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,76,00,65,0,0,00,00,1c,00,ff,01,0f,00,01,\
```

```
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,7
6,00,65,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,76,00,65,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
```

```
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3SVC30.REG =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
```

```
"Type"=dword:00000020
"Start"=dword:00000000
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
```

```
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
```

```
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPOLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
```

```
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""
"AnonymousUserName"="tpc"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
"/"="C:\inetPub\wwwroot,1"
"/tpc"="C:\client\tpap\Release,5"
"/Scripts"="C:\inetPub\scripts,4"
"/iisadmin"="C:\WINNT\System32\inetrv\iisad
min,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Performance]
```

```
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Security]
```

```
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,
00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,
01,00,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,00,00,00,0
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,0
0,00,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0
2,00,00,00,00,00,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,00,0
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Enum]
```

```
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

```
===== W3svc31.reg =====
```

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC]
```

```
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,
78,65,00
"DisplayName"="World Wide Web Publishing
Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters]
```

```
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPOLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="IUSR_CL31"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeout"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetrv"
"SecurePort"=dword:000001bb
"Filter
DLLs"="C:\WINNT\System32\inetrv\sspfilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Script Map]
```

```
".idc"="C:\WINNT\System32\inetrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentCont
rolSet\Services\W3SVC\Parameters\Virtual Roots]
```

```
"/"="C:\inetPub\wwwroot,1"
"/tpc"="C:\client\tpap\Release,5"
"/Scripts"="C:\inetPub\scripts,4"
"/iisadmin"="C:\WINNT\System32\inetrv\iisad
min,1"
```



```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,\
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,6d,00,63,00,00,00,1,\
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,69,00,61,0,\
0,00,00,1c,00,ff,01,0f,00,01,\
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,6,\
9,00,61,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0,\
2,00,00,69,00,61,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,05,12,00,0,\
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,01,01,00,00,00,00,0,\
5,12,00,00,0
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```

===== W3svc32.reg =====

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC]
"Type"=dword:00000020
"Start"=dword:00000002
"ErrorControl"=dword:00000000
"ImagePath"=hex(2):43,3a,5c,57,49,4e,4e,54,5c,5,\
3,79,73,74,65,6d,33,32,5c,69,6e,\
65,74,73,72,76,5c,69,6e,65,74,69,6e,66,6f,2e,65,\
78,65,00
"DisplayName"="World Wide Web Publishing Service"
"DependOnService"=hex(7):52,50,43,53,53,00,4e,\
54,4c,4d,53,53,50,00,00
"DependOnGroup"=hex(7):00
"ObjectName"="LocalSystem"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters]
"MajorVersion"=dword:00000002
"MinorVersion"=dword:00000000
"AdminName"="Administrator"
```

```
"AdminEmail"="Admin@corp.com"
"MaxConnections"=dword:000186a0
"LogType"=dword:00000000
"LogFileDirectory"=hex(2):25,53,79,73,74,65,6d,5,\
2,6f,6f,74,25,5c,53,79,73,74,\
65,6d,33,32,5c,4c,6f,67,46,69,6c,65,73,00
"LogFileTruncateSize"=dword:01400000
"LogFilePeriod"=dword:00000001
"LogFileFormat"=dword:00000000
"LogSqlDataSource"="HTTPLOG"
"LogSqlTableName"="Internetlog"
"LogSqlUserName"="InternetAdmin"
"LogSqlPassword"="sqllog"
"Authorization"=dword:00000005
"AnonymousUserName"="tpc"
"Default Load File"="Default.htm"
"Dir Browse Control"=dword:4000001e
"CheckForWAISDB"=dword:00000000
"CacheExtensions"=dword:00000001
"GlobalExpire"=dword:ffffff
"ServerSideIncludesEnabled"=dword:00000001
"ServerSideIncludesExtension"=".stm"
"DebugFlags"=dword:00000008
"ScriptTimeout"=dword:00000384
"ConnectionTimeOut"=dword:00000384
"InstallPath"="C:\WINNT\System32\inetsrv"
"SecurePort"=dword:000001bb
"Filter DLLs"="C:\WINNT\System32\inetsrv\lsspifilt.dll"
"AccessDeniedMessage"=" : B"
"NTAuthenticationProviders"="NTLM"
"ServerComment"=""
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Script Map]
".idc"="C:\WINNT\System32\inetsrv\httpodbc.dll"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Parameters\Virtual Roots]
"/,"="C:\InetPub\wwwroot,,1"
"/tpc,"="C:\client\tpap\Release,,5"
"/Scripts,"="C:\InetPub\scripts,,4"
"/iisadmin,"="C:\WINNT\System32\inetsrv\iisadmin,,1"
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Performance]
"Library"="w3ctrs.DLL"
"Open"="OpenW3PerformanceData"
"Close"="CloseW3PerformanceData"
"Collect"="CollectW3PerformanceData"
"Last Counter"=dword:00000790
"Last Help"=dword:00000791
"First Counter"=dword:00000758
"First Help"=dword:00000759
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Security]
"Security"=hex:01,00,14,80,c0,00,00,00,cc,00,00,00,14,00,00,00,34,00,00,00,02,\
00,20,00,01,00,00,00,02,80,18,00,ff,01,0f,00,01,\
01,00,00,00,00,01,00,00,\
00,00,20,02,00,00,02,00,8c,00,05,00,00,00,00,0,\
0,18,00,8d,01,02,00,01,01,00,\
00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,1,\
c,00,fd,01,02,00,01,02,00,00,\
00,00,00,05,20,00,00,00,23,02,00,00,c8,00,14,0,\
0,00,00,1c,00,ff,01,0f,00,01,\
```

```
02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,c,\
8,00,14,00,00,00,1c,00,ff,01,\
0f,00,01,02,00,00,00,00,05,20,00,00,00,25,0,\
2,00,00,c8,00,14,00,00,00,18,\
00,fd,01,02,00,01,01,00,00,00,00,00,05,12,00,0,\
0,00,25,02,00,00,01,01,00,00,\
00,00,00,05,12,00,00,00,01,01,00,00,00,00,0,\
5,12,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\W3SAMP]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\W3SVC\Enum]
"0"="Root\LEGACY_W3SVC\0000"
"Count"=dword:00000001
"NextInstance"=dword:00000001
```


Appendix E: Database Creation Code

===== ALL.19800wh.mk =====

```

:
set -x
echo "oza-----All.mk start"
date

fastsu sh -x ./mountLOAD.sh
date;

CRDIC_logG_6

date

# start the symfowARE server
rdbstart

rdbddlex ddl_db.mak
rdbddlex -d TPCC
17600WH.int/crta.def.cent.V_int
rdbddlex -d TPCC 19800wh/ddl.dbsp.1350

# warehouse table
rdbddlex -d TPCC 19800wh/ddl.dat.WH
rdbddlex -d TPCC 19800wh/ddl.dat.DI
rdbddlex -d TPCC 19800wh/ddl.dat.ST
rdbddlex -d TPCC 19800wh/ddl.dat.NO
rdbddlex -d TPCC 19800wh/ddl.dat.NI
rdbddlex -d TPCC 19800wh/ddl.dat.OS
rdbddlex -d TPCC 19800wh/ddl.dat.OI
rdbddlex -d TPCC 19800wh/ddl.dat.HI
rdbddlex -d TPCC 19800wh/ddl.dat.CU
rdbddlex -d TPCC 19800wh/ddl.dat.CI
rdbddlex -d TPCC 19800wh/ddl.dat.OL
rdbddlex -d TPCC 19800wh/ddl.dat.IT

sleep 5
rdbstop
date

rdbstart

cd 17600WH.int
sh.stored.int
cd ..

rdbstart

# exit
# last line
echo "oza-----DDL finish"
date

rdbstart

timex csh -x LOAD.19800wh.sh

rdbstart

```

```

# gather statistics
sh.rdbups
rdbstop

echo "oza-----LOAD finish"
date

mkarc.sh

===== CRDIC_logG_6 =====

:
set -x
SYS=/rdbptc/tpcc80/SYS
LOG_AI=/DEV/rdsk/AI_LOG
LOG_BI=/DEV/rdsk/BI_LOG
LOG_IX=/DEV/rdsk/IX_LOG
DIC_PL=/DEV/rdsk/DIC

# user log group 1
GROUP_G1=GROUP1
UG_G1=/DEV/rdsk/LOG_UG_G1
LOG_IX_G1=/DEV/rdsk/IX_LOG_G1
LOG_BI_G1=/DEV/rdsk/BI_LOG_G1
LOG_AI_G1=/DEV/rdsk/AI_LOG_G1

# user log group 2
GROUP_G2=GROUP2
UG_G2=/DEV/rdsk/LOG_UG_G2
LOG_IX_G2=/DEV/rdsk/IX_LOG_G2
LOG_BI_G2=/DEV/rdsk/BI_LOG_G2
LOG_AI_G2=/DEV/rdsk/AI_LOG_G2

# user log group 3
GROUP_G3=GROUP3
UG_G3=/DEV/rdsk/LOG_UG_G3
LOG_IX_G3=/DEV/rdsk/IX_LOG_G3
LOG_BI_G3=/DEV/rdsk/BI_LOG_G3
LOG_AI_G3=/DEV/rdsk/AI_LOG_G3

# user log group 4
GROUP_G4=GROUP4
UG_G4=/DEV/rdsk/LOG_UG_G4
LOG_IX_G4=/DEV/rdsk/IX_LOG_G4
LOG_BI_G4=/DEV/rdsk/BI_LOG_G4
LOG_AI_G4=/DEV/rdsk/AI_LOG_G4

# user log group 5
GROUP_G5=GROUP5
UG_G5=/DEV/rdsk/LOG_UG_G5
LOG_IX_G5=/DEV/rdsk/IX_LOG_G5
LOG_BI_G5=/DEV/rdsk/BI_LOG_G5
LOG_AI_G5=/DEV/rdsk/AI_LOG_G5

BISZ=64M
AISZ=64M
TRN=100
RCV=32M

# make log group manage file
# ( please define RDBLOGGROUP on
rdbsysconfig )
timex rdblog -M

date

```

```

rm -f $SYS/rdblogmanage

rdblog -l
timex rdblog -G -l -c 32M -io 2048 $LOG_IX
$LOG_BI $LOG_AI 64M 64M 100

# make user log file (group 1)
rdblog -l -g $GROUP_G1 $UG_G1
timex rdblog -G -l -g $GROUP_G1 -c 32M -io
2048 $LOG_IX_G1 $LOG_BI_G1 $LOG_AI_G1
64M 64M 100

# make user log file (group 2)
rdblog -l -g $GROUP_G2 $UG_G2
timex rdblog -G -l -g $GROUP_G2 -c 32M -io
2048 $LOG_IX_G2 $LOG_BI_G2 $LOG_AI_G2
64M 64M 100

# make user log file (group 3)
rdblog -l -g $GROUP_G3 $UG_G3
timex rdblog -G -l -g $GROUP_G3 -c 32M -io
2048 $LOG_IX_G3 $LOG_BI_G3 $LOG_AI_G3
64M 64M 100

# make user log file (group 4)
rdblog -l -g $GROUP_G4 $UG_G4
timex rdblog -G -l -g $GROUP_G4 -c 32M -io
2048 $LOG_IX_G4 $LOG_BI_G4 $LOG_AI_G4
64M 64M 100

# make user log file (group 5)
rdblog -l -g $GROUP_G5 $UG_G5
timex rdblog -G -l -g $GROUP_G5 -c 32M -io
2048 $LOG_IX_G5 $LOG_BI_G5 $LOG_AI_G5
64M 64M 100

# timex rdbcrdic -du 37M -r $DIC_PL
#timex rdbcrdic -a 128M -du 256M -r $DIC_PL
timex rdbcrdic -a 256M -du 512M -r $DIC_PL

date

rm /rdbptc/RDBDIR/DIR_G1/DIR_G1
rm /rdbptc/RDBDIR/DIR_G2/DIR_G2
rm /rdbptc/RDBDIR/DIR_G3/DIR_G3
rm /rdbptc/RDBDIR/DIR_G4/DIR_G4
rm /rdbptc/RDBDIR/DIR_G5/DIR_G5

rdbscldir -G -g GROUP1
/rdbptc/RDBDIR/DIR_G1/DIR_G1
rdbscldir -G -g GROUP2
/rdbptc/RDBDIR/DIR_G2/DIR_G2
rdbscldir -G -g GROUP3
/rdbptc/RDBDIR/DIR_G3/DIR_G3
rdbscldir -G -g GROUP4
/rdbptc/RDBDIR/DIR_G4/DIR_G4
rdbscldir -G -g GROUP5
/rdbptc/RDBDIR/DIR_G5/DIR_G5

rdbstart
rdbstop

===== LOAD.19800wh.sh =====

#!/bin/csh -xf

```



```

set WK78_D = /rdb/sortwk/78
set WK79_D = /rdb/sortwk/79
set WK80_D = /rdb/sortwk/80
set WK81_D = /rdb/sortwk/81
set WK82_D = /rdb/sortwk/82
set WK83_D = /rdb/sortwk/83
set WK84_D = /rdb/sortwk/84
set WK85_D = /rdb/sortwk/85
set WK86_D = /rdb/sortwk/86
set WK87_D = /rdb/sortwk/87
set WK88_D = /rdb/sortwk/88
set WK89_D = /rdb/sortwk/89
set WK90_D = /rdb/sortwk/90
set WK91_D = /rdb/sortwk/91
set WK92_D = /rdb/sortwk/92
set WK93_D = /rdb/sortwk/93
set WK94_D = /rdb/sortwk/94
set WK95_D = /rdb/sortwk/95
set WK96_D = /rdb/sortwk/96
set WK97_D = /rdb/sortwk/97
set WK98_D = /rdb/sortwk/98
set WK99_D = /rdb/sortwk/99
set WK100_D = /rdb/sortwk/100
set WK101_D = /rdb/sortwk/101
set WK102_D = /rdb/sortwk/102
set WK103_D = /rdb/sortwk/103
set WK104_D = /rdb/sortwk/104
set WK105_D = /rdb/sortwk/105
set WK106_D = /rdb/sortwk/106
set WK107_D = /rdb/sortwk/107
set WK108_D = /rdb/sortwk/108
set WK109_D = /rdb/sortwk/109
set WK110_D = /rdb/sortwk/110
set WK111_D = /rdb/sortwk/111
set WK112_D = /rdb/sortwk/112
set WK113_D = /rdb/sortwk/113
set WK114_D = /rdb/sortwk/114
set WK115_D = /rdb/sortwk/115
set WK116_D = /rdb/sortwk/116
set WK117_D = /rdb/sortwk/117
set WK118_D = /rdb/sortwk/118
set WK119_D = /rdb/sortwk/119
set WK120_D = /rdb/sortwk/120
set WK121_D = /rdb/sortwk/121
set WK122_D = /rdb/sortwk/122
set WK123_D = /rdb/sortwk/123
set WK124_D = /rdb/sortwk/124
set WK125_D = /rdb/sortwk/125
set WK126_D = /rdb/sortwk/126
set WK127_D = /rdb/sortwk/127
set WK128_D = /rdb/sortwk/128

set WLOAD1_D = /rdb/loaddata/1
set WLOAD2_D = /rdb/loaddata/2
set WLOAD3_D = /rdb/loaddata/3
set WLOAD4_D = /rdb/loaddata/4
set WLOAD5_D = /rdb/loaddata/5
set WLOAD6_D = /rdb/loaddata/6
set WLOAD7_D = /rdb/loaddata/7
set WLOAD8_D = /rdb/loaddata/8
set WLOAD9_D = /rdb/loaddata/9
set WLOAD10_D = /rdb/loaddata/10
set WLOAD11_D = /rdb/loaddata/11
set WLOAD12_D = /rdb/loaddata/12
set WLOAD13_D = /rdb/loaddata/13
set WLOAD14_D = /rdb/loaddata/14
set WLOAD15_D = /rdb/loaddata/15
set WLOAD16_D = /rdb/loaddata/16
set WLOAD17_D = /rdb/loaddata/17

```

```

set WLOAD18_D = /rdb/loaddata/18
set WLOAD19_D = /rdb/loaddata/19
set WLOAD20_D = /rdb/loaddata/20
set WLOAD21_D = /rdb/loaddata/21
set WLOAD22_D = /rdb/loaddata/22
set WLOAD23_D = /rdb/loaddata/23
set WLOAD24_D = /rdb/loaddata/24
set WLOAD25_D = /rdb/loaddata/25
set WLOAD26_D = /rdb/loaddata/26
set WLOAD27_D = /rdb/loaddata/27
set WLOAD28_D = /rdb/loaddata/28
set WLOAD29_D = /rdb/loaddata/29
set WLOAD30_D = /rdb/loaddata/30
set WLOAD31_D = /rdb/loaddata/31
set WLOAD32_D = /rdb/loaddata/32
set WLOAD33_D = /rdb/loaddata/33
set WLOAD34_D = /rdb/loaddata/34
set WLOAD35_D = /rdb/loaddata/35
set WLOAD36_D = /rdb/loaddata/36
set WLOAD37_D = /rdb/loaddata/37
set WLOAD38_D = /rdb/loaddata/38
set WLOAD39_D = /rdb/loaddata/39
set WLOAD40_D = /rdb/loaddata/40
set WLOAD41_D = /rdb/loaddata/41
set WLOAD42_D = /rdb/loaddata/42
set WLOAD43_D = /rdb/loaddata/43
set WLOAD44_D = /rdb/loaddata/44
set WLOAD45_D = /rdb/loaddata/45
set WLOAD46_D = /rdb/loaddata/46
set WLOAD47_D = /rdb/loaddata/47
set WLOAD48_D = /rdb/loaddata/48
set WLOAD49_D = /rdb/loaddata/49
set WLOAD50_D = /rdb/loaddata/50
set WLOAD51_D = /rdb/loaddata/51
set WLOAD52_D = /rdb/loaddata/52
set WLOAD53_D = /rdb/loaddata/53
set WLOAD54_D = /rdb/loaddata/54
set WLOAD55_D = /rdb/loaddata/55
set WLOAD56_D = /rdb/loaddata/56
set WLOAD57_D = /rdb/loaddata/57
set WLOAD58_D = /rdb/loaddata/58
set WLOAD59_D = /rdb/loaddata/59
set WLOAD60_D = /rdb/loaddata/60
set WLOAD61_D = /rdb/loaddata/61
set WLOAD62_D = /rdb/loaddata/62
set WLOAD63_D = /rdb/loaddata/63
set WLOAD64_D = /rdb/loaddata/64
set xLOAD1_D = /rdb/loaddata/65
set xLOAD2_D = /rdb/loaddata/66
set xLOAD3_D = /rdb/loaddata/67
set xLOAD4_D = /rdb/loaddata/68
set xLOAD5_D = /rdb/loaddata/69
set xLOAD6_D = /rdb/loaddata/70
set xLOAD7_D = /rdb/loaddata/71
set xLOAD8_D = /rdb/loaddata/72
set xLOAD9_D = /rdb/loaddata/73
set xLOAD10_D = /rdb/loaddata/74
set xLOAD11_D = /rdb/loaddata/75
set xLOAD12_D = /rdb/loaddata/76
set xLOAD13_D = /rdb/loaddata/77
set xLOAD14_D = /rdb/loaddata/78
set xLOAD15_D = /rdb/loaddata/79
set xLOAD16_D = /rdb/loaddata/80
set xLOAD17_D = /rdb/loaddata/81
set xLOAD18_D = /rdb/loaddata/82
set xLOAD19_D = /rdb/loaddata/83
set xLOAD20_D = /rdb/loaddata/84
set xLOAD21_D = /rdb/loaddata/85
set xLOAD22_D = /rdb/loaddata/86

```

```

set xLOAD23_D = /rdb/loaddata/87
set xLOAD24_D = /rdb/loaddata/88
set xLOAD25_D = /rdb/loaddata/89
set xLOAD26_D = /rdb/loaddata/90
set xLOAD27_D = /rdb/loaddata/91
set xLOAD28_D = /rdb/loaddata/92
set xLOAD29_D = /rdb/loaddata/93
set xLOAD30_D = /rdb/loaddata/94
set xLOAD31_D = /rdb/loaddata/95
set xLOAD32_D = /rdb/loaddata/96
set xLOAD33_D = /rdb/loaddata/97
set xLOAD34_D = /rdb/loaddata/98
set xLOAD35_D = /rdb/loaddata/99
set xLOAD36_D = /rdb/loaddata/100
set xLOAD37_D = /rdb/loaddata/101
set xLOAD38_D = /rdb/loaddata/102
set xLOAD39_D = /rdb/loaddata/103
set xLOAD40_D = /rdb/loaddata/104
set xLOAD41_D = /rdb/loaddata/105
set xLOAD42_D = /rdb/loaddata/106
set xLOAD43_D = /rdb/loaddata/107
set xLOAD44_D = /rdb/loaddata/108
set xLOAD45_D = /rdb/loaddata/109
set xLOAD46_D = /rdb/loaddata/110
set xLOAD47_D = /rdb/loaddata/111
set xLOAD48_D = /rdb/loaddata/112
set xLOAD49_D = /rdb/loaddata/113
set xLOAD50_D = /rdb/loaddata/114
set xLOAD51_D = /rdb/loaddata/115
set xLOAD52_D = /rdb/loaddata/116
set xLOAD53_D = /rdb/loaddata/117
set xLOAD54_D = /rdb/loaddata/118
set xLOAD55_D = /rdb/loaddata/119
set xLOAD56_D = /rdb/loaddata/120
set xLOAD57_D = /rdb/loaddata/121
set xLOAD58_D = /rdb/loaddata/122
set xLOAD59_D = /rdb/loaddata/123
set xLOAD60_D = /rdb/loaddata/124
set xLOAD61_D = /rdb/loaddata/125
set xLOAD62_D = /rdb/loaddata/126
set xLOAD63_D = /rdb/loaddata/127
set xLOAD64_D = /rdb/loaddata/128

```

```

rm /rdb/loaddata/*/*?*_* /rdb/loaddata/*/*data
rm /rdb/sortwk/*SRT*

```

```

## Item

```

```

        wtpcccd1_V $LOAD1_D 1 1 1
        timex rdbloader -mi -i
        $RDBDB.ITEM_1_DSI \

```

```

s $WK1_D \

```

```

s $WK2_D \

```

```

n $LOAD1_D/data
rm $LOAD1_D/data

```

```

## WAREHOUSE

```

```

foreach num ( 0 1 2 3 )

```

```

        @ make_s1 = $num * 5632 + 1
        @ make_e1 = $num * 5632 + 88
        @ make_s2 = $num * 5632 + 89
        @ make_e2 = $num * 5632 + 176
        @ make_s3 = $num * 5632 + 177
        @ make_e3 = $num * 5632 + 264

```

```

@ make_s4 = $num * 5632 + 265
@ make_e4 = $num * 5632 + 352
@ make_s5 = $num * 5632 + 353
@ make_e5 = $num * 5632 + 440
@ make_s6 = $num * 5632 + 441
@ make_e6 = $num * 5632 + 528
@ make_s7 = $num * 5632 + 529
@ make_e7 = $num * 5632 + 616
@ make_s8 = $num * 5632 + 617
@ make_e8 = $num * 5632 + 704
@ make_s9 = $num * 5632 + 705
@ make_e9 = $num * 5632 + 792
@ make_s10 = $num * 5632 + 793
@ make_e10 = $num * 5632 + 880
@ make_s11 = $num * 5632 + 881
@ make_e11 = $num * 5632 + 968
@ make_s12 = $num * 5632 + 969
@ make_e12 = $num * 5632 + 1056
@ make_s13 = $num * 5632 + 1057
@ make_e13 = $num * 5632 + 1144
@ make_s14 = $num * 5632 + 1145
@ make_e14 = $num * 5632 + 1232
@ make_s15 = $num * 5632 + 1233
@ make_e15 = $num * 5632 + 1320
@ make_s16 = $num * 5632 + 1321
@ make_e16 = $num * 5632 + 1408
@ make_s17 = $num * 5632 + 1409
@ make_e17 = $num * 5632 + 1496
@ make_s18 = $num * 5632 + 1497
@ make_e18 = $num * 5632 + 1584
@ make_s19 = $num * 5632 + 1585
@ make_e19 = $num * 5632 + 1672
@ make_s20 = $num * 5632 + 1673
@ make_e20 = $num * 5632 + 1760
@ make_s21 = $num * 5632 + 1761
@ make_e21 = $num * 5632 + 1848
@ make_s22 = $num * 5632 + 1849
@ make_e22 = $num * 5632 + 1936
@ make_s23 = $num * 5632 + 1937
@ make_e23 = $num * 5632 + 2024
@ make_s24 = $num * 5632 + 2025
@ make_e24 = $num * 5632 + 2112
@ make_s25 = $num * 5632 + 2113
@ make_e25 = $num * 5632 + 2200
@ make_s26 = $num * 5632 + 2201
@ make_e26 = $num * 5632 + 2288
@ make_s27 = $num * 5632 + 2289
@ make_e27 = $num * 5632 + 2376
@ make_s28 = $num * 5632 + 2377
@ make_e28 = $num * 5632 + 2464
@ make_s29 = $num * 5632 + 2465
@ make_e29 = $num * 5632 + 2552
@ make_s30 = $num * 5632 + 2553
@ make_e30 = $num * 5632 + 2640
@ make_s31 = $num * 5632 + 2641
@ make_e31 = $num * 5632 + 2728
@ make_s32 = $num * 5632 + 2729
@ make_e32 = $num * 5632 + 2816
@ make_s33 = $num * 5632 + 2817
@ make_e33 = $num * 5632 + 2904
@ make_s34 = $num * 5632 + 2905
@ make_e34 = $num * 5632 + 2992
@ make_s35 = $num * 5632 + 2993
@ make_e35 = $num * 5632 + 3080
@ make_s36 = $num * 5632 + 3081
@ make_e36 = $num * 5632 + 3168
@ make_s37 = $num * 5632 + 3169
@ make_e37 = $num * 5632 + 3256
@ make_s38 = $num * 5632 + 3257

```

```

@ make_e38 = $num * 5632 + 3344
@ make_s39 = $num * 5632 + 3345
@ make_e39 = $num * 5632 + 3432
@ make_s40 = $num * 5632 + 3433
@ make_e40 = $num * 5632 + 3520
@ make_s41 = $num * 5632 + 3521
@ make_e41 = $num * 5632 + 3608
@ make_s42 = $num * 5632 + 3609
@ make_e42 = $num * 5632 + 3696
@ make_s43 = $num * 5632 + 3697
@ make_e43 = $num * 5632 + 3784
@ make_s44 = $num * 5632 + 3785
@ make_e44 = $num * 5632 + 3872
@ make_s45 = $num * 5632 + 3873
@ make_e45 = $num * 5632 + 3960
@ make_s46 = $num * 5632 + 3961
@ make_e46 = $num * 5632 + 4048
@ make_s47 = $num * 5632 + 4049
@ make_e47 = $num * 5632 + 4136
@ make_s48 = $num * 5632 + 4137
@ make_e48 = $num * 5632 + 4224
@ make_s49 = $num * 5632 + 4225
@ make_e49 = $num * 5632 + 4312
@ make_s50 = $num * 5632 + 4313
@ make_e50 = $num * 5632 + 4400
@ make_s51 = $num * 5632 + 4401
@ make_e51 = $num * 5632 + 4488
@ make_s52 = $num * 5632 + 4489
@ make_e52 = $num * 5632 + 4576
@ make_s53 = $num * 5632 + 4577
@ make_e53 = $num * 5632 + 4664
@ make_s54 = $num * 5632 + 4665
@ make_e54 = $num * 5632 + 4752
@ make_s55 = $num * 5632 + 4753
@ make_e55 = $num * 5632 + 4840
@ make_s56 = $num * 5632 + 4841
@ make_e56 = $num * 5632 + 4928
@ make_s57 = $num * 5632 + 4929
@ make_e57 = $num * 5632 + 5016
@ make_s58 = $num * 5632 + 5017
@ make_e58 = $num * 5632 + 5104
@ make_s59 = $num * 5632 + 5105
@ make_e59 = $num * 5632 + 5192
@ make_s60 = $num * 5632 + 5193
@ make_e60 = $num * 5632 + 5280
@ make_s61 = $num * 5632 + 5281
@ make_e61 = $num * 5632 + 5368
@ make_s62 = $num * 5632 + 5369
@ make_e62 = $num * 5632 + 5456
@ make_s63 = $num * 5632 + 5457
@ make_e63 = $num * 5632 + 5544
@ make_s64 = $num * 5632 + 5545
@ make_e64 = $num * 5632 + 5632

```

```

@ dsi_num1 = $num * 64 + 1
@ dsi_num2 = $num * 64 + 2
@ dsi_num3 = $num * 64 + 3
@ dsi_num4 = $num * 64 + 4
@ dsi_num5 = $num * 64 + 5
@ dsi_num6 = $num * 64 + 6
@ dsi_num7 = $num * 64 + 7
@ dsi_num8 = $num * 64 + 8
@ dsi_num9 = $num * 64 + 9
@ dsi_num10 = $num * 64 + 10
@ dsi_num11 = $num * 64 + 11
@ dsi_num12 = $num * 64 + 12
@ dsi_num13 = $num * 64 + 13
@ dsi_num14 = $num * 64 + 14
@ dsi_num15 = $num * 64 + 15

```

```

@ dsi_num16 = $num * 64 + 16
@ dsi_num17 = $num * 64 + 17
@ dsi_num18 = $num * 64 + 18
@ dsi_num19 = $num * 64 + 19
@ dsi_num20 = $num * 64 + 20
@ dsi_num21 = $num * 64 + 21
@ dsi_num22 = $num * 64 + 22
@ dsi_num23 = $num * 64 + 23
@ dsi_num24 = $num * 64 + 24
@ dsi_num25 = $num * 64 + 25
@ dsi_num26 = $num * 64 + 26
@ dsi_num27 = $num * 64 + 27
@ dsi_num28 = $num * 64 + 28
@ dsi_num29 = $num * 64 + 29
@ dsi_num30 = $num * 64 + 30
@ dsi_num31 = $num * 64 + 31
@ dsi_num32 = $num * 64 + 32
@ dsi_num33 = $num * 64 + 33
@ dsi_num34 = $num * 64 + 34
@ dsi_num35 = $num * 64 + 35
@ dsi_num36 = $num * 64 + 36
@ dsi_num37 = $num * 64 + 37
@ dsi_num38 = $num * 64 + 38
@ dsi_num39 = $num * 64 + 39
@ dsi_num40 = $num * 64 + 40
@ dsi_num41 = $num * 64 + 41
@ dsi_num42 = $num * 64 + 42
@ dsi_num43 = $num * 64 + 43
@ dsi_num44 = $num * 64 + 44
@ dsi_num45 = $num * 64 + 45
@ dsi_num46 = $num * 64 + 46
@ dsi_num47 = $num * 64 + 47
@ dsi_num48 = $num * 64 + 48
@ dsi_num49 = $num * 64 + 49
@ dsi_num50 = $num * 64 + 50
@ dsi_num51 = $num * 64 + 51
@ dsi_num52 = $num * 64 + 52
@ dsi_num53 = $num * 64 + 53
@ dsi_num54 = $num * 64 + 54
@ dsi_num55 = $num * 64 + 55
@ dsi_num56 = $num * 64 + 56
@ dsi_num57 = $num * 64 + 57
@ dsi_num58 = $num * 64 + 58
@ dsi_num59 = $num * 64 + 59
@ dsi_num60 = $num * 64 + 60
@ dsi_num61 = $num * 64 + 61
@ dsi_num62 = $num * 64 + 62
@ dsi_num63 = $num * 64 + 63
@ dsi_num64 = $num * 64 + 64
wttppcd1_V $LOAD1_D $make_s1
$make_e1 W &
wttppcd1_V $LOAD2_D $make_s2
$make_e2 W &
wttppcd1_V $LOAD3_D $make_s3
$make_e3 W &
wttppcd1_V $LOAD4_D $make_s4
$make_e4 W &
wttppcd1_V $LOAD5_D $make_s5
$make_e5 W &
wttppcd1_V $LOAD6_D $make_s6
$make_e6 W &
wttppcd1_V $LOAD7_D $make_s7
$make_e7 W &
wttppcd1_V $LOAD8_D $make_s8
$make_e8 W &
wttppcd1_V $LOAD9_D $make_s9
$make_e9 W &
wttppcd1_V $LOAD10_D $make_s10
$make_e10 W &

```

```

wttpccd1_V $LOAD11_D $make_s11
$make_e11 W &
wttpccd1_V $LOAD12_D $make_s12
$make_e12 W &
wttpccd1_V $LOAD13_D $make_s13
$make_e13 W &
wttpccd1_V $LOAD14_D $make_s14
$make_e14 W &
wttpccd1_V $LOAD15_D $make_s15
$make_e15 W &
wttpccd1_V $LOAD16_D $make_s16
$make_e16 W &
wttpccd1_V $LOAD17_D $make_s17
$make_e17 W &
wttpccd1_V $LOAD18_D $make_s18
$make_e18 W &
wttpccd1_V $LOAD19_D $make_s19
$make_e19 W &
wttpccd1_V $LOAD20_D $make_s20
$make_e20 W &
wttpccd1_V $LOAD21_D $make_s21
$make_e21 W &
wttpccd1_V $LOAD22_D $make_s22
$make_e22 W &
wttpccd1_V $LOAD23_D $make_s23
$make_e23 W &
wttpccd1_V $LOAD24_D $make_s24
$make_e24 W &
wttpccd1_V $LOAD25_D $make_s25
$make_e25 W &
wttpccd1_V $LOAD26_D $make_s26
$make_e26 W &
wttpccd1_V $LOAD27_D $make_s27
$make_e27 W &
wttpccd1_V $LOAD28_D $make_s28
$make_e28 W &
wttpccd1_V $LOAD29_D $make_s29
$make_e29 W &
wttpccd1_V $LOAD30_D $make_s30
$make_e30 W &
wttpccd1_V $LOAD31_D $make_s31
$make_e31 W &
wttpccd1_V $LOAD32_D $make_s32
$make_e32 W &
wttpccd1_V $LOAD33_D $make_s33
$make_e33 W &
wttpccd1_V $LOAD34_D $make_s34
$make_e34 W &
wttpccd1_V $LOAD35_D $make_s35
$make_e35 W &
wttpccd1_V $LOAD36_D $make_s36
$make_e36 W &
wttpccd1_V $LOAD37_D $make_s37
$make_e37 W &
wttpccd1_V $LOAD38_D $make_s38
$make_e38 W &
wttpccd1_V $LOAD39_D $make_s39
$make_e39 W &
wttpccd1_V $LOAD40_D $make_s40
$make_e40 W &
wttpccd1_V $LOAD41_D $make_s41
$make_e41 W &
wttpccd1_V $LOAD42_D $make_s42
$make_e42 W &
wttpccd1_V $LOAD43_D $make_s43
$make_e43 W &
wttpccd1_V $LOAD44_D $make_s44
$make_e44 W &

```

```

wttpccd1_V $LOAD45_D $make_s45
$make_e45 W &
wttpccd1_V $LOAD46_D $make_s46
$make_e46 W &
wttpccd1_V $LOAD47_D $make_s47
$make_e47 W &
wttpccd1_V $LOAD48_D $make_s48
$make_e48 W &
wttpccd1_V $LOAD49_D $make_s49
$make_e49 W &
wttpccd1_V $LOAD50_D $make_s50
$make_e50 W &
wttpccd1_V $LOAD51_D $make_s51
$make_e51 W &
wttpccd1_V $LOAD52_D $make_s52
$make_e52 W &
wttpccd1_V $LOAD53_D $make_s53
$make_e53 W &
wttpccd1_V $LOAD54_D $make_s54
$make_e54 W &
wttpccd1_V $LOAD55_D $make_s55
$make_e55 W &
wttpccd1_V $LOAD56_D $make_s56
$make_e56 W &
wttpccd1_V $LOAD57_D $make_s57
$make_e57 W &
wttpccd1_V $LOAD58_D $make_s58
$make_e58 W &
wttpccd1_V $LOAD59_D $make_s59
$make_e59 W &
wttpccd1_V $LOAD60_D $make_s60
$make_e60 W &
wttpccd1_V $LOAD61_D $make_s61
$make_e61 W &
wttpccd1_V $LOAD62_D $make_s62
$make_e62 W &
wttpccd1_V $LOAD63_D $make_s63
$make_e63 W &
wttpccd1_V $LOAD64_D $make_s64
$make_e64 W &

```

wait

if (\$num != 0) then

```

@ rm_make_s1 = $num * 5632 + 1 - 5632
@ rm_make_e1 = $num * 5632 + 88 - 5632
@ rm_make_s2 = $num * 5632 + 89 - 5632
@ rm_make_e2 = $num * 5632 + 176 -
5632
@ rm_make_s3 = $num * 5632 + 177 -
5632
@ rm_make_e3 = $num * 5632 + 264 -
5632
@ rm_make_s4 = $num * 5632 + 265 -
5632
@ rm_make_e4 = $num * 5632 + 352 -
5632
@ rm_make_s5 = $num * 5632 + 353 -
5632
@ rm_make_e5 = $num * 5632 + 440 -
5632
@ rm_make_s6 = $num * 5632 + 441 -
5632
@ rm_make_e6 = $num * 5632 + 528 -
5632
@ rm_make_s7 = $num * 5632 + 529 -
5632

```

```

@ rm_make_e7 = $num * 5632 + 616 -
5632
@ rm_make_s8 = $num * 5632 + 617 -
5632
@ rm_make_e8 = $num * 5632 + 704 -
5632
@ rm_make_s9 = $num * 5632 + 705 -
5632
@ rm_make_e9 = $num * 5632 + 792 -
5632
@ rm_make_s10 = $num * 5632 + 793 -
5632
@ rm_make_e10 = $num * 5632 + 880 -
5632
@ rm_make_s11 = $num * 5632 + 881 -
5632
@ rm_make_e11 = $num * 5632 + 968 -
5632
@ rm_make_s12 = $num * 5632 + 969 -
5632
@ rm_make_e12 = $num * 5632 + 1056 -
5632
@ rm_make_s13 = $num * 5632 + 1057 -
5632
@ rm_make_e13 = $num * 5632 + 1144 -
5632
@ rm_make_s14 = $num * 5632 + 1145 -
5632
@ rm_make_e14 = $num * 5632 + 1232 -
5632
@ rm_make_s15 = $num * 5632 + 1233 -
5632
@ rm_make_e15 = $num * 5632 + 1320 -
5632
@ rm_make_s16 = $num * 5632 + 1321 -
5632
@ rm_make_e16 = $num * 5632 + 1408 -
5632
@ rm_make_s17 = $num * 5632 + 1409 -
5632
@ rm_make_e17 = $num * 5632 + 1496 -
5632
@ rm_make_s18 = $num * 5632 + 1497 -
5632
@ rm_make_e18 = $num * 5632 + 1584 -
5632
@ rm_make_s19 = $num * 5632 + 1585 -
5632
@ rm_make_e19 = $num * 5632 + 1672 -
5632
@ rm_make_s20 = $num * 5632 + 1673 -
5632
@ rm_make_e20 = $num * 5632 + 1760 -
5632
@ rm_make_s21 = $num * 5632 + 1761 -
5632
@ rm_make_e21 = $num * 5632 + 1848 -
5632
@ rm_make_s22 = $num * 5632 + 1849 -
5632
@ rm_make_e22 = $num * 5632 + 1936 -
5632
@ rm_make_s23 = $num * 5632 + 1937 -
5632
@ rm_make_e23 = $num * 5632 + 2024 -
5632
@ rm_make_s24 = $num * 5632 + 2025 -
5632

```

@ rm_make_e24 = \$num * 5632 + 2112 -
 5632
 @ rm_make_s25 = \$num * 5632 + 2113 -
 5632
 @ rm_make_e25 = \$num * 5632 + 2200 -
 5632
 @ rm_make_s26 = \$num * 5632 + 2201 -
 5632
 @ rm_make_e26 = \$num * 5632 + 2288 -
 5632
 @ rm_make_s27 = \$num * 5632 + 2289 -
 5632
 @ rm_make_e27 = \$num * 5632 + 2376 -
 5632
 @ rm_make_s28 = \$num * 5632 + 2377 -
 5632
 @ rm_make_e28 = \$num * 5632 + 2464 -
 5632
 @ rm_make_s29 = \$num * 5632 + 2465 -
 5632
 @ rm_make_e29 = \$num * 5632 + 2552 -
 5632
 @ rm_make_s30 = \$num * 5632 + 2553 -
 5632
 @ rm_make_e30 = \$num * 5632 + 2640 -
 5632
 @ rm_make_s31 = \$num * 5632 + 2641 -
 5632
 @ rm_make_e31 = \$num * 5632 + 2728 -
 5632
 @ rm_make_s32 = \$num * 5632 + 2729 -
 5632
 @ rm_make_e32 = \$num * 5632 + 2816 -
 5632
 @ rm_make_s33 = \$num * 5632 + 2817 -
 5632
 @ rm_make_e33 = \$num * 5632 + 2904 -
 5632
 @ rm_make_s34 = \$num * 5632 + 2905 -
 5632
 @ rm_make_e34 = \$num * 5632 + 2992 -
 5632
 @ rm_make_s35 = \$num * 5632 + 2993 -
 5632
 @ rm_make_e35 = \$num * 5632 + 3080 -
 5632
 @ rm_make_s36 = \$num * 5632 + 3081 -
 5632
 @ rm_make_e36 = \$num * 5632 + 3168 -
 5632
 @ rm_make_s37 = \$num * 5632 + 3169 -
 5632
 @ rm_make_e37 = \$num * 5632 + 3256 -
 5632
 @ rm_make_s38 = \$num * 5632 + 3257 -
 5632
 @ rm_make_e38 = \$num * 5632 + 3344 -
 5632
 @ rm_make_s39 = \$num * 5632 + 3345 -
 5632
 @ rm_make_e39 = \$num * 5632 + 3432 -
 5632
 @ rm_make_s40 = \$num * 5632 + 3433 -
 5632
 @ rm_make_e40 = \$num * 5632 + 3520 -
 5632
 @ rm_make_s41 = \$num * 5632 + 3521 -
 5632

@ rm_make_e41 = \$num * 5632 + 3608 -
 5632
 @ rm_make_s42 = \$num * 5632 + 3609 -
 5632
 @ rm_make_e42 = \$num * 5632 + 3696 -
 5632
 @ rm_make_s43 = \$num * 5632 + 3697 -
 5632
 @ rm_make_e43 = \$num * 5632 + 3784 -
 5632
 @ rm_make_s44 = \$num * 5632 + 3785 -
 5632
 @ rm_make_e44 = \$num * 5632 + 3872 -
 5632
 @ rm_make_s45 = \$num * 5632 + 3873 -
 5632
 @ rm_make_e45 = \$num * 5632 + 3960 -
 5632
 @ rm_make_s46 = \$num * 5632 + 3961 -
 5632
 @ rm_make_e46 = \$num * 5632 + 4048 -
 5632
 @ rm_make_s47 = \$num * 5632 + 4049 -
 5632
 @ rm_make_e47 = \$num * 5632 + 4136 -
 5632
 @ rm_make_s48 = \$num * 5632 + 4137 -
 5632
 @ rm_make_e48 = \$num * 5632 + 4224 -
 5632
 @ rm_make_s49 = \$num * 5632 + 4225 -
 5632
 @ rm_make_e49 = \$num * 5632 + 4312 -
 5632
 @ rm_make_s50 = \$num * 5632 + 4313 -
 5632
 @ rm_make_e50 = \$num * 5632 + 4400 -
 5632
 @ rm_make_s51 = \$num * 5632 + 4401 -
 5632
 @ rm_make_e51 = \$num * 5632 + 4488 -
 5632
 @ rm_make_s52 = \$num * 5632 + 4489 -
 5632
 @ rm_make_e52 = \$num * 5632 + 4576 -
 5632
 @ rm_make_s53 = \$num * 5632 + 4577 -
 5632
 @ rm_make_e53 = \$num * 5632 + 4664 -
 5632
 @ rm_make_s54 = \$num * 5632 + 4665 -
 5632
 @ rm_make_e54 = \$num * 5632 + 4752 -
 5632
 @ rm_make_s55 = \$num * 5632 + 4753 -
 5632
 @ rm_make_e55 = \$num * 5632 + 4840 -
 5632
 @ rm_make_s56 = \$num * 5632 + 4841 -
 5632
 @ rm_make_e56 = \$num * 5632 + 4928 -
 5632
 @ rm_make_s57 = \$num * 5632 + 4929 -
 5632
 @ rm_make_e57 = \$num * 5632 + 5016 -
 5632
 @ rm_make_s58 = \$num * 5632 + 5017 -
 5632

@ rm_make_e58 = \$num * 5632 + 5104 -
 5632
 @ rm_make_s59 = \$num * 5632 + 5105 -
 5632
 @ rm_make_e59 = \$num * 5632 + 5192 -
 5632
 @ rm_make_s60 = \$num * 5632 + 5193 -
 5632
 @ rm_make_e60 = \$num * 5632 + 5280 -
 5632
 @ rm_make_s61 = \$num * 5632 + 5281 -
 5632
 @ rm_make_e61 = \$num * 5632 + 5368 -
 5632
 @ rm_make_s62 = \$num * 5632 + 5369 -
 5632
 @ rm_make_e62 = \$num * 5632 + 5456 -
 5632
 @ rm_make_s63 = \$num * 5632 + 5457 -
 5632
 @ rm_make_e63 = \$num * 5632 + 5544 -
 5632
 @ rm_make_s64 = \$num * 5632 + 5545 -
 5632
 @ rm_make_e64 = \$num * 5632 + 5632 -
 5632
 rm
 \$LOAD1_D/WH\$rm_make_s1_rm_make_e1
 rm
 \$LOAD2_D/WH\$rm_make_s2_rm_make_e2
 rm
 \$LOAD3_D/WH\$rm_make_s3_rm_make_e3
 rm
 \$LOAD4_D/WH\$rm_make_s4_rm_make_e4
 rm
 \$LOAD5_D/WH\$rm_make_s5_rm_make_e5
 rm
 \$LOAD6_D/WH\$rm_make_s6_rm_make_e6
 rm
 \$LOAD7_D/WH\$rm_make_s7_rm_make_e7
 rm
 \$LOAD8_D/WH\$rm_make_s8_rm_make_e8
 rm
 \$LOAD9_D/WH\$rm_make_s9_rm_make_e9
 rm
 \$LOAD10_D/WH\$rm_make_s10_rm_make_e1
 0
 rm
 \$LOAD11_D/WH\$rm_make_s11_rm_make_e1
 1
 rm
 \$LOAD12_D/WH\$rm_make_s12_rm_make_e1
 2
 rm
 \$LOAD13_D/WH\$rm_make_s13_rm_make_e1
 3
 rm
 \$LOAD14_D/WH\$rm_make_s14_rm_make_e1
 4
 rm
 \$LOAD15_D/WH\$rm_make_s15_rm_make_e1
 5
 rm
 \$LOAD16_D/WH\$rm_make_s16_rm_make_e1
 6
 rm
 \$LOAD17_D/WH\$rm_make_s17_rm_make_e1
 7


```

rm
$LOAD18_D/WH$rm_make_s18\_rm_make_e1
8
rm
$LOAD19_D/WH$rm_make_s19\_rm_make_e1
9
rm
$LOAD20_D/WH$rm_make_s20\_rm_make_e2
0
rm
$LOAD21_D/WH$rm_make_s21\_rm_make_e2
1
rm
$LOAD22_D/WH$rm_make_s22\_rm_make_e2
2
rm
$LOAD23_D/WH$rm_make_s23\_rm_make_e2
3
rm
$LOAD24_D/WH$rm_make_s24\_rm_make_e2
4
rm
$LOAD25_D/WH$rm_make_s25\_rm_make_e2
5
rm
$LOAD26_D/WH$rm_make_s26\_rm_make_e2
6
rm
$LOAD27_D/WH$rm_make_s27\_rm_make_e2
7
rm
$LOAD28_D/WH$rm_make_s28\_rm_make_e2
8
rm
$LOAD29_D/WH$rm_make_s29\_rm_make_e2
9
rm
$LOAD30_D/WH$rm_make_s30\_rm_make_e3
0
rm
$LOAD31_D/WH$rm_make_s31\_rm_make_e3
1
rm
$LOAD32_D/WH$rm_make_s32\_rm_make_e3
2
rm
$LOAD33_D/WH$rm_make_s33\_rm_make_e3
3
rm
$LOAD34_D/WH$rm_make_s34\_rm_make_e3
4
rm
$LOAD35_D/WH$rm_make_s35\_rm_make_e3
5
rm
$LOAD36_D/WH$rm_make_s36\_rm_make_e3
6
rm
$LOAD37_D/WH$rm_make_s37\_rm_make_e3
7
rm
$LOAD38_D/WH$rm_make_s38\_rm_make_e3
8
rm
$LOAD39_D/WH$rm_make_s39\_rm_make_e3
9
rm
$LOAD40_D/WH$rm_make_s40\_rm_make_e4
0

```

```

rm
$LOAD41_D/WH$rm_make_s41\_rm_make_e4
1
rm
$LOAD42_D/WH$rm_make_s42\_rm_make_e4
2
rm
$LOAD43_D/WH$rm_make_s43\_rm_make_e4
3
rm
$LOAD44_D/WH$rm_make_s44\_rm_make_e4
4
rm
$LOAD45_D/WH$rm_make_s45\_rm_make_e4
5
rm
$LOAD46_D/WH$rm_make_s46\_rm_make_e4
6
rm
$LOAD47_D/WH$rm_make_s47\_rm_make_e4
7
rm
$LOAD48_D/WH$rm_make_s48\_rm_make_e4
8
rm
$LOAD49_D/WH$rm_make_s49\_rm_make_e4
9
rm
$LOAD50_D/WH$rm_make_s50\_rm_make_e5
0
rm
$LOAD51_D/WH$rm_make_s51\_rm_make_e5
1
rm
$LOAD52_D/WH$rm_make_s52\_rm_make_e5
2
rm
$LOAD53_D/WH$rm_make_s53\_rm_make_e5
3
rm
$LOAD54_D/WH$rm_make_s54\_rm_make_e5
4
rm
$LOAD55_D/WH$rm_make_s55\_rm_make_e5
5
rm
$LOAD56_D/WH$rm_make_s56\_rm_make_e5
6
rm
$LOAD57_D/WH$rm_make_s57\_rm_make_e5
7
rm
$LOAD58_D/WH$rm_make_s58\_rm_make_e5
8
rm
$LOAD59_D/WH$rm_make_s59\_rm_make_e5
9
rm
$LOAD60_D/WH$rm_make_s60\_rm_make_e6
0
rm
$LOAD61_D/WH$rm_make_s61\_rm_make_e6
1
rm
$LOAD62_D/WH$rm_make_s62\_rm_make_e6
2
rm
$LOAD63_D/WH$rm_make_s63\_rm_make_e6
3

```

```

rm
$LOAD64_D/WH$rm_make_s64\_rm_make_e6
4
endif
if ( $dsi_num1 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num1\_DSI \
s $WK1_D \
s $WK2_D \
n $LOAD1_D/WH$make_s1\_make_e1 &
endif
if ( $dsi_num2 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num2\_DSI \
s $WK3_D \
s $WK4_D \
n $LOAD2_D/WH$make_s2\_make_e2 &
endif
if ( $dsi_num3 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num3\_DSI \
s $WK5_D \
s $WK6_D \
n $LOAD3_D/WH$make_s3\_make_e3 &
endif
if ( $dsi_num4 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num4\_DSI \
s $WK7_D \
s $WK8_D \
n $LOAD4_D/WH$make_s4\_make_e4 &
endif
if ( $dsi_num5 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num5\_DSI \
s $WK9_D \
s $WK10_D \
n $LOAD5_D/WH$make_s5\_make_e5 &
endif
if ( $dsi_num6 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num6\_DSI \
s $WK11_D \
s $WK12_D \
n $LOAD6_D/WH$make_s6\_make_e6 &
endif
if ( $dsi_num7 <= 225 ) then
    timex rdbloader -mi -i
    $RDBDB.WAREHOUSE_$dsi_num7\_DSI \

```

s \$WK13_D \	timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num14\ _DSI \	if (\$dsi_num21 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num21\ _DSI \
s \$WK14_D \	s \$WK27_D \	s \$WK41_D \
n \$LOAD7_D/WH\$make_s7_ \$make_e7 & endif if (\$dsi_num8 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num8\ _DSI \	s \$WK28_D \	s \$WK42_D \
s \$WK15_D \	n \$LOAD14_D/WH\$make_s14_ \$make_e14 & endif if (\$dsi_num15 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num15\ _DSI \	n \$LOAD21_D/WH\$make_s21_ \$make_e21 & endif if (\$dsi_num22 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num22\ _DSI \
s \$WK16_D \	s \$WK29_D \	s \$WK43_D \
n \$LOAD8_D/WH\$make_s8_ \$make_e8 & endif if (\$dsi_num9 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num9\ _DSI \	s \$WK30_D \	s \$WK44_D \
s \$WK17_D \	n \$LOAD15_D/WH\$make_s15_ \$make_e15 & endif if (\$dsi_num16 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num16\ _DSI \	n \$LOAD22_D/WH\$make_s22_ \$make_e22 & endif if (\$dsi_num23 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num23\ _DSI \
s \$WK18_D \	s \$WK31_D \	s \$WK45_D \
n \$LOAD9_D/WH\$make_s9_ \$make_e9 & endif if (\$dsi_num10 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num10\ _DSI \	s \$WK32_D \	s \$WK46_D \
s \$WK19_D \	n \$LOAD16_D/WH\$make_s16_ \$make_e16 & endif if (\$dsi_num17 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num17\ _DSI \	n \$LOAD23_D/WH\$make_s23_ \$make_e23 & endif if (\$dsi_num24 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num24\ _DSI \
s \$WK20_D \	s \$WK33_D \	s \$WK47_D \
n \$LOAD10_D/WH\$make_s10_ \$make_e10 & endif if (\$dsi_num11 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num11\ _DSI \	s \$WK34_D \	s \$WK48_D \
s \$WK21_D \	n \$LOAD17_D/WH\$make_s17_ \$make_e17 & endif if (\$dsi_num18 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num18\ _DSI \	n \$LOAD24_D/WH\$make_s24_ \$make_e24 & endif if (\$dsi_num25 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num25\ _DSI \
s \$WK22_D \	s \$WK35_D \	s \$WK49_D \
n \$LOAD11_D/WH\$make_s11_ \$make_e11 & endif if (\$dsi_num12 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num12\ _DSI \	s \$WK36_D \	s \$WK50_D \
s \$WK23_D \	n \$LOAD18_D/WH\$make_s18_ \$make_e18 & endif if (\$dsi_num19 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num19\ _DSI \	n \$LOAD25_D/WH\$make_s25_ \$make_e25 & endif if (\$dsi_num26 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num26\ _DSI \
s \$WK24_D \	s \$WK37_D \	s \$WK51_D \
n \$LOAD12_D/WH\$make_s12_ \$make_e12 & endif if (\$dsi_num13 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num13\ _DSI \	s \$WK38_D \	s \$WK52_D \
s \$WK25_D \	n \$LOAD19_D/WH\$make_s19_ \$make_e19 & endif if (\$dsi_num20 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num20\ _DSI \	n \$LOAD26_D/WH\$make_s26_ \$make_e26 & endif if (\$dsi_num27 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_ \$dsi_num27\ _DSI \
s \$WK26_D \	s \$WK39_D \	s \$WK53_D \
n \$LOAD13_D/WH\$make_s13_ \$make_e13 & endif if (\$dsi_num14 <= 225) then	s \$WK40_D \	s \$WK54_D \
if (\$dsi_num14 <= 225) then	n \$LOAD20_D/WH\$make_s20_ \$make_e20 & endif	n \$LOAD27_D/WH\$make_s27_ \$make_e27 &

endif		
if (\$dsi_num28 <= 225) then	n \$LOAD34_D/WH\$make_s34_\$make_e34 &	s \$WK82_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num28_DSI \	if (\$dsi_num35 <= 225) then	n \$LOAD41_D/WH\$make_s41_\$make_e41 &
	timex rdbloader -mi -i	endif
s \$WK55_D \	\$RDBDB.WAREHOUSE_\$dsi_num35_DSI \	if (\$dsi_num42 <= 225) then
		timex rdbloader -mi -i
s \$WK56_D \	s \$WK69_D \	\$RDBDB.WAREHOUSE_\$dsi_num42_DSI \
n \$LOAD28_D/WH\$make_s28_\$make_e28 &	s \$WK70_D \	s \$WK83_D \
endif		
if (\$dsi_num29 <= 225) then	n \$LOAD35_D/WH\$make_s35_\$make_e35 &	s \$WK84_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num29_DSI \	if (\$dsi_num36 <= 225) then	n \$LOAD42_D/WH\$make_s42_\$make_e42 &
	timex rdbloader -mi -i	endif
s \$WK57_D \	\$RDBDB.WAREHOUSE_\$dsi_num36_DSI \	if (\$dsi_num43 <= 225) then
		timex rdbloader -mi -i
s \$WK58_D \	s \$WK71_D \	\$RDBDB.WAREHOUSE_\$dsi_num43_DSI \
n \$LOAD29_D/WH\$make_s29_\$make_e29 &	s \$WK72_D \	s \$WK85_D \
endif		
if (\$dsi_num30 <= 225) then	n \$LOAD36_D/WH\$make_s36_\$make_e36 &	s \$WK86_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num30_DSI \	if (\$dsi_num37 <= 225) then	n \$LOAD43_D/WH\$make_s43_\$make_e43 &
	timex rdbloader -mi -i	endif
s \$WK59_D \	\$RDBDB.WAREHOUSE_\$dsi_num37_DSI \	if (\$dsi_num44 <= 225) then
		timex rdbloader -mi -i
s \$WK60_D \	s \$WK73_D \	\$RDBDB.WAREHOUSE_\$dsi_num44_DSI \
n \$LOAD30_D/WH\$make_s30_\$make_e30 &	s \$WK74_D \	s \$WK87_D \
endif		
if (\$dsi_num31 <= 225) then	n \$LOAD37_D/WH\$make_s37_\$make_e37 &	s \$WK88_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num31_DSI \	if (\$dsi_num38 <= 225) then	n \$LOAD44_D/WH\$make_s44_\$make_e44 &
	timex rdbloader -mi -i	endif
s \$WK61_D \	\$RDBDB.WAREHOUSE_\$dsi_num38_DSI \	if (\$dsi_num45 <= 225) then
		timex rdbloader -mi -i
s \$WK62_D \	s \$WK75_D \	\$RDBDB.WAREHOUSE_\$dsi_num45_DSI \
n \$LOAD31_D/WH\$make_s31_\$make_e31 &	s \$WK76_D \	s \$WK89_D \
endif		
if (\$dsi_num32 <= 225) then	n \$LOAD38_D/WH\$make_s38_\$make_e38 &	s \$WK90_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num32_DSI \	if (\$dsi_num39 <= 225) then	n \$LOAD45_D/WH\$make_s45_\$make_e45 &
	timex rdbloader -mi -i	endif
s \$WK63_D \	\$RDBDB.WAREHOUSE_\$dsi_num39_DSI \	if (\$dsi_num46 <= 225) then
		timex rdbloader -mi -i
s \$WK64_D \	s \$WK77_D \	\$RDBDB.WAREHOUSE_\$dsi_num46_DSI \
n \$LOAD32_D/WH\$make_s32_\$make_e32 &	s \$WK78_D \	s \$WK91_D \
endif		
if (\$dsi_num33 <= 225) then	n \$LOAD39_D/WH\$make_s39_\$make_e39 &	s \$WK92_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num33_DSI \	if (\$dsi_num40 <= 225) then	n \$LOAD46_D/WH\$make_s46_\$make_e46 &
	timex rdbloader -mi -i	endif
s \$WK65_D \	\$RDBDB.WAREHOUSE_\$dsi_num40_DSI \	if (\$dsi_num47 <= 225) then
		timex rdbloader -mi -i
s \$WK66_D \	s \$WK79_D \	\$RDBDB.WAREHOUSE_\$dsi_num47_DSI \
n \$LOAD33_D/WH\$make_s33_\$make_e33 &	s \$WK80_D \	s \$WK93_D \
endif		
if (\$dsi_num34 <= 225) then	n \$LOAD40_D/WH\$make_s40_\$make_e40 &	s \$WK94_D \
timex rdbloader -mi -i	endif	
\$RDBDB.WAREHOUSE_\$dsi_num34_DSI \	if (\$dsi_num41 <= 225) then	n \$LOAD47_D/WH\$make_s47_\$make_e47 &
	timex rdbloader -mi -i	endif
s \$WK67_D \	\$RDBDB.WAREHOUSE_\$dsi_num41_DSI \	if (\$dsi_num48 <= 225) then
		timex rdbloader -mi -i
s \$WK68_D \	s \$WK81_D \	\$RDBDB.WAREHOUSE_\$dsi_num48_DSI \

s \$WK95_D \	timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num55_{DSI \	if (\$dsi_num62 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num62_{DSI \
s \$WK96_D \	s \$WK109_D \	s \$WK123_D \
n \$LOAD48_D/WH\$make_s48_make_e48 & endif if (\$dsi_num49 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num49_{DSI \	s \$WK110_D \	s \$WK124_D \
s \$WK97_D \	n \$LOAD55_D/WH\$make_s55_make_e55 & endif if (\$dsi_num56 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num56_{DSI \	n \$LOAD62_D/WH\$make_s62_make_e62 & endif if (\$dsi_num63 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num63_{DSI \
s \$WK98_D \	s \$WK111_D \	s \$WK125_D \
n \$LOAD49_D/WH\$make_s49_make_e49 & endif if (\$dsi_num50 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num50_{DSI \	s \$WK112_D \	s \$WK126_D \
s \$WK99_D \	n \$LOAD56_D/WH\$make_s56_make_e56 & endif if (\$dsi_num57 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num57_{DSI \	n \$LOAD63_D/WH\$make_s63_make_e63 & endif if (\$dsi_num64 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num64_{DSI \
s \$WK100_D \	s \$WK113_D \	s \$WK127_D \
n \$LOAD50_D/WH\$make_s50_make_e50 & endif if (\$dsi_num51 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num51_{DSI \	s \$WK114_D \	s \$WK128_D \
s \$WK101_D \	n \$LOAD57_D/WH\$make_s57_make_e57 & endif if (\$dsi_num58 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num58_{DSI \	n \$LOAD64_D/WH\$make_s64_make_e64 & endif end
s \$WK102_D \	s \$WK115_D \	wait rm /rdb/loaddata/*/*WH* ## DISTRICT
n \$LOAD51_D/WH\$make_s51_make_e51 & endif if (\$dsi_num52 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num52_{DSI \	s \$WK116_D \	foreach num (0 1 2 3)
s \$WK103_D \	n \$LOAD58_D/WH\$make_s58_make_e58 & endif if (\$dsi_num59 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num59_{DSI \	@ make_s1 = \$num * 5632 + 1 @ make_e1 = \$num * 5632 + 88 @ make_s2 = \$num * 5632 + 89 @ make_e2 = \$num * 5632 + 176 @ make_s3 = \$num * 5632 + 177 @ make_e3 = \$num * 5632 + 264 @ make_s4 = \$num * 5632 + 265 @ make_e4 = \$num * 5632 + 352 @ make_s5 = \$num * 5632 + 353 @ make_e5 = \$num * 5632 + 440 @ make_s6 = \$num * 5632 + 441 @ make_e6 = \$num * 5632 + 528 @ make_s7 = \$num * 5632 + 529 @ make_e7 = \$num * 5632 + 616 @ make_s8 = \$num * 5632 + 617 @ make_e8 = \$num * 5632 + 704 @ make_s9 = \$num * 5632 + 705 @ make_e9 = \$num * 5632 + 792 @ make_s10 = \$num * 5632 + 793 @ make_e10 = \$num * 5632 + 880 @ make_s11 = \$num * 5632 + 881 @ make_e11 = \$num * 5632 + 968 @ make_s12 = \$num * 5632 + 969 @ make_e12 = \$num * 5632 + 1056 @ make_s13 = \$num * 5632 + 1057 @ make_e13 = \$num * 5632 + 1144 @ make_s14 = \$num * 5632 + 1145 @ make_e14 = \$num * 5632 + 1232 @ make_s15 = \$num * 5632 + 1233 @ make_e15 = \$num * 5632 + 1320 @ make_s16 = \$num * 5632 + 1321
s \$WK104_D \	s \$WK117_D \	
n \$LOAD52_D/WH\$make_s52_make_e52 & endif if (\$dsi_num53 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num53_{DSI \	s \$WK118_D \	
s \$WK105_D \	n \$LOAD59_D/WH\$make_s59_make_e59 & endif if (\$dsi_num60 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num60_{DSI \	
s \$WK106_D \	s \$WK119_D \	
n \$LOAD53_D/WH\$make_s53_make_e53 & endif if (\$dsi_num54 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num54_{DSI \	s \$WK120_D \	
s \$WK107_D \	n \$LOAD60_D/WH\$make_s60_make_e60 & endif if (\$dsi_num61 <= 225) then timex rdbloader -mi -i \$RDBDB.WAREHOUSE_\$dsi_num61_{DSI \	
s \$WK108_D \	s \$WK121_D \	
n \$LOAD54_D/WH\$make_s54_make_e54 & endif if (\$dsi_num55 <= 225) then	s \$WK122_D \	
	n \$LOAD61_D/WH\$make_s61_make_e61 & endif	

```

@ make_e16 = $num * 5632 + 1408
@ make_s17 = $num * 5632 + 1409
@ make_e17 = $num * 5632 + 1496
@ make_s18 = $num * 5632 + 1497
@ make_e18 = $num * 5632 + 1584
@ make_s19 = $num * 5632 + 1585
@ make_e19 = $num * 5632 + 1672
@ make_s20 = $num * 5632 + 1673
@ make_e20 = $num * 5632 + 1760
@ make_s21 = $num * 5632 + 1761
@ make_e21 = $num * 5632 + 1848
@ make_s22 = $num * 5632 + 1849
@ make_e22 = $num * 5632 + 1936
@ make_s23 = $num * 5632 + 1937
@ make_e23 = $num * 5632 + 2024
@ make_s24 = $num * 5632 + 2025
@ make_e24 = $num * 5632 + 2112
@ make_s25 = $num * 5632 + 2113
@ make_e25 = $num * 5632 + 2200
@ make_s26 = $num * 5632 + 2201
@ make_e26 = $num * 5632 + 2288
@ make_s27 = $num * 5632 + 2289
@ make_e27 = $num * 5632 + 2376
@ make_s28 = $num * 5632 + 2377
@ make_e28 = $num * 5632 + 2464
@ make_s29 = $num * 5632 + 2465
@ make_e29 = $num * 5632 + 2552
@ make_s30 = $num * 5632 + 2553
@ make_e30 = $num * 5632 + 2640
@ make_s31 = $num * 5632 + 2641
@ make_e31 = $num * 5632 + 2728
@ make_s32 = $num * 5632 + 2729
@ make_e32 = $num * 5632 + 2816
@ make_s33 = $num * 5632 + 2817
@ make_e33 = $num * 5632 + 2904
@ make_s34 = $num * 5632 + 2905
@ make_e34 = $num * 5632 + 2992
@ make_s35 = $num * 5632 + 2993
@ make_e35 = $num * 5632 + 3080
@ make_s36 = $num * 5632 + 3081
@ make_e36 = $num * 5632 + 3168
@ make_s37 = $num * 5632 + 3169
@ make_e37 = $num * 5632 + 3256
@ make_s38 = $num * 5632 + 3257
@ make_e38 = $num * 5632 + 3344
@ make_s39 = $num * 5632 + 3345
@ make_e39 = $num * 5632 + 3432
@ make_s40 = $num * 5632 + 3433
@ make_e40 = $num * 5632 + 3520
@ make_s41 = $num * 5632 + 3521
@ make_e41 = $num * 5632 + 3608
@ make_s42 = $num * 5632 + 3609
@ make_e42 = $num * 5632 + 3696
@ make_s43 = $num * 5632 + 3697
@ make_e43 = $num * 5632 + 3784
@ make_s44 = $num * 5632 + 3785
@ make_e44 = $num * 5632 + 3872
@ make_s45 = $num * 5632 + 3873
@ make_e45 = $num * 5632 + 3960
@ make_s46 = $num * 5632 + 3961
@ make_e46 = $num * 5632 + 4048
@ make_s47 = $num * 5632 + 4049
@ make_e47 = $num * 5632 + 4136
@ make_s48 = $num * 5632 + 4137
@ make_e48 = $num * 5632 + 4224
@ make_s49 = $num * 5632 + 4225
@ make_e49 = $num * 5632 + 4312
@ make_s50 = $num * 5632 + 4313
@ make_e50 = $num * 5632 + 4400

```

```

@ make_s51 = $num * 5632 + 4401
@ make_e51 = $num * 5632 + 4488
@ make_s52 = $num * 5632 + 4489
@ make_e52 = $num * 5632 + 4576
@ make_s53 = $num * 5632 + 4577
@ make_e53 = $num * 5632 + 4664
@ make_s54 = $num * 5632 + 4665
@ make_e54 = $num * 5632 + 4752
@ make_s55 = $num * 5632 + 4753
@ make_e55 = $num * 5632 + 4840
@ make_s56 = $num * 5632 + 4841
@ make_e56 = $num * 5632 + 4928
@ make_s57 = $num * 5632 + 4929
@ make_e57 = $num * 5632 + 5016
@ make_s58 = $num * 5632 + 5017
@ make_e58 = $num * 5632 + 5104
@ make_s59 = $num * 5632 + 5105
@ make_e59 = $num * 5632 + 5192
@ make_s60 = $num * 5632 + 5193
@ make_e60 = $num * 5632 + 5280
@ make_s61 = $num * 5632 + 5281
@ make_e61 = $num * 5632 + 5368
@ make_s62 = $num * 5632 + 5369
@ make_e62 = $num * 5632 + 5456
@ make_s63 = $num * 5632 + 5457
@ make_e63 = $num * 5632 + 5544
@ make_s64 = $num * 5632 + 5545
@ make_e64 = $num * 5632 + 5632

```

```

@ dsi_num1 = $num * 64 + 1
@ dsi_num2 = $num * 64 + 2
@ dsi_num3 = $num * 64 + 3
@ dsi_num4 = $num * 64 + 4
@ dsi_num5 = $num * 64 + 5
@ dsi_num6 = $num * 64 + 6
@ dsi_num7 = $num * 64 + 7
@ dsi_num8 = $num * 64 + 8
@ dsi_num9 = $num * 64 + 9
@ dsi_num10 = $num * 64 + 10
@ dsi_num11 = $num * 64 + 11
@ dsi_num12 = $num * 64 + 12
@ dsi_num13 = $num * 64 + 13
@ dsi_num14 = $num * 64 + 14
@ dsi_num15 = $num * 64 + 15
@ dsi_num16 = $num * 64 + 16
@ dsi_num17 = $num * 64 + 17
@ dsi_num18 = $num * 64 + 18
@ dsi_num19 = $num * 64 + 19
@ dsi_num20 = $num * 64 + 20
@ dsi_num21 = $num * 64 + 21
@ dsi_num22 = $num * 64 + 22
@ dsi_num23 = $num * 64 + 23
@ dsi_num24 = $num * 64 + 24
@ dsi_num25 = $num * 64 + 25
@ dsi_num26 = $num * 64 + 26
@ dsi_num27 = $num * 64 + 27
@ dsi_num28 = $num * 64 + 28
@ dsi_num29 = $num * 64 + 29
@ dsi_num30 = $num * 64 + 30
@ dsi_num31 = $num * 64 + 31
@ dsi_num32 = $num * 64 + 32
@ dsi_num33 = $num * 64 + 33
@ dsi_num34 = $num * 64 + 34
@ dsi_num35 = $num * 64 + 35
@ dsi_num36 = $num * 64 + 36
@ dsi_num37 = $num * 64 + 37
@ dsi_num38 = $num * 64 + 38
@ dsi_num39 = $num * 64 + 39
@ dsi_num40 = $num * 64 + 40

```

```

@ dsi_num41 = $num * 64 + 41
@ dsi_num42 = $num * 64 + 42
@ dsi_num43 = $num * 64 + 43
@ dsi_num44 = $num * 64 + 44
@ dsi_num45 = $num * 64 + 45
@ dsi_num46 = $num * 64 + 46
@ dsi_num47 = $num * 64 + 47
@ dsi_num48 = $num * 64 + 48
@ dsi_num49 = $num * 64 + 49
@ dsi_num50 = $num * 64 + 50
@ dsi_num51 = $num * 64 + 51
@ dsi_num52 = $num * 64 + 52
@ dsi_num53 = $num * 64 + 53
@ dsi_num54 = $num * 64 + 54
@ dsi_num55 = $num * 64 + 55
@ dsi_num56 = $num * 64 + 56
@ dsi_num57 = $num * 64 + 57
@ dsi_num58 = $num * 64 + 58
@ dsi_num59 = $num * 64 + 59
@ dsi_num60 = $num * 64 + 60
@ dsi_num61 = $num * 64 + 61
@ dsi_num62 = $num * 64 + 62
@ dsi_num63 = $num * 64 + 63
@ dsi_num64 = $num * 64 + 64
wttpcdd1_V $LOAD1_D $make_s1
$make_e1 D &
wttpcdd1_V $LOAD2_D $make_s2
$make_e2 D &
wttpcdd1_V $LOAD3_D $make_s3
$make_e3 D &
wttpcdd1_V $LOAD4_D $make_s4
$make_e4 D &
wttpcdd1_V $LOAD5_D $make_s5
$make_e5 D &
wttpcdd1_V $LOAD6_D $make_s6
$make_e6 D &
wttpcdd1_V $LOAD7_D $make_s7
$make_e7 D &
wttpcdd1_V $LOAD8_D $make_s8
$make_e8 D &
wttpcdd1_V $LOAD9_D $make_s9
$make_e9 D &
wttpcdd1_V $LOAD10_D $make_s10
$make_e10 D &
wttpcdd1_V $LOAD11_D $make_s11
$make_e11 D &
wttpcdd1_V $LOAD12_D $make_s12
$make_e12 D &
wttpcdd1_V $LOAD13_D $make_s13
$make_e13 D &
wttpcdd1_V $LOAD14_D $make_s14
$make_e14 D &
wttpcdd1_V $LOAD15_D $make_s15
$make_e15 D &
wttpcdd1_V $LOAD16_D $make_s16
$make_e16 D &
wttpcdd1_V $LOAD17_D $make_s17
$make_e17 D &
wttpcdd1_V $LOAD18_D $make_s18
$make_e18 D &
wttpcdd1_V $LOAD19_D $make_s19
$make_e19 D &
wttpcdd1_V $LOAD20_D $make_s20
$make_e20 D &
wttpcdd1_V $LOAD21_D $make_s21
$make_e21 D &
wttpcdd1_V $LOAD22_D $make_s22
$make_e22 D &

```

```

wttpccd1_V $LOAD23_D $make_s23
$make_e23 D &
wttpccd1_V $LOAD24_D $make_s24
$make_e24 D &
wttpccd1_V $LOAD25_D $make_s25
$make_e25 D &
wttpccd1_V $LOAD26_D $make_s26
$make_e26 D &
wttpccd1_V $LOAD27_D $make_s27
$make_e27 D &
wttpccd1_V $LOAD28_D $make_s28
$make_e28 D &
wttpccd1_V $LOAD29_D $make_s29
$make_e29 D &
wttpccd1_V $LOAD30_D $make_s30
$make_e30 D &
wttpccd1_V $LOAD31_D $make_s31
$make_e31 D &
wttpccd1_V $LOAD32_D $make_s32
$make_e32 D &
wttpccd1_V $LOAD33_D $make_s33
$make_e33 D &
wttpccd1_V $LOAD34_D $make_s34
$make_e34 D &
wttpccd1_V $LOAD35_D $make_s35
$make_e35 D &
wttpccd1_V $LOAD36_D $make_s36
$make_e36 D &
wttpccd1_V $LOAD37_D $make_s37
$make_e37 D &
wttpccd1_V $LOAD38_D $make_s38
$make_e38 D &
wttpccd1_V $LOAD39_D $make_s39
$make_e39 D &
wttpccd1_V $LOAD40_D $make_s40
$make_e40 D &
wttpccd1_V $LOAD41_D $make_s41
$make_e41 D &
wttpccd1_V $LOAD42_D $make_s42
$make_e42 D &
wttpccd1_V $LOAD43_D $make_s43
$make_e43 D &
wttpccd1_V $LOAD44_D $make_s44
$make_e44 D &
wttpccd1_V $LOAD45_D $make_s45
$make_e45 D &
wttpccd1_V $LOAD46_D $make_s46
$make_e46 D &
wttpccd1_V $LOAD47_D $make_s47
$make_e47 D &
wttpccd1_V $LOAD48_D $make_s48
$make_e48 D &
wttpccd1_V $LOAD49_D $make_s49
$make_e49 D &
wttpccd1_V $LOAD50_D $make_s50
$make_e50 D &
wttpccd1_V $LOAD51_D $make_s51
$make_e51 D &
wttpccd1_V $LOAD52_D $make_s52
$make_e52 D &
wttpccd1_V $LOAD53_D $make_s53
$make_e53 D &
wttpccd1_V $LOAD54_D $make_s54
$make_e54 D &
wttpccd1_V $LOAD55_D $make_s55
$make_e55 D &
wttpccd1_V $LOAD56_D $make_s56
$make_e56 D &

```

```

wttpccd1_V $LOAD57_D $make_s57
$make_e57 D &
wttpccd1_V $LOAD58_D $make_s58
$make_e58 D &
wttpccd1_V $LOAD59_D $make_s59
$make_e59 D &
wttpccd1_V $LOAD60_D $make_s60
$make_e60 D &
wttpccd1_V $LOAD61_D $make_s61
$make_e61 D &
wttpccd1_V $LOAD62_D $make_s62
$make_e62 D &
wttpccd1_V $LOAD63_D $make_s63
$make_e63 D &
wttpccd1_V $LOAD64_D $make_s64
$make_e64 D &

wait

if ( $num != 0 ) then
    @ rm_make_s1 = $num * 5632 + 1 - 5632
    @ rm_make_e1 = $num * 5632 + 88 - 5632
    @ rm_make_s2 = $num * 5632 + 89 - 5632
    @ rm_make_e2 = $num * 5632 + 176 -
5632
    @ rm_make_s3 = $num * 5632 + 177 -
5632
    @ rm_make_e3 = $num * 5632 + 264 -
5632
    @ rm_make_s4 = $num * 5632 + 265 -
5632
    @ rm_make_e4 = $num * 5632 + 352 -
5632
    @ rm_make_s5 = $num * 5632 + 353 -
5632
    @ rm_make_e5 = $num * 5632 + 440 -
5632
    @ rm_make_s6 = $num * 5632 + 441 -
5632
    @ rm_make_e6 = $num * 5632 + 528 -
5632
    @ rm_make_s7 = $num * 5632 + 529 -
5632
    @ rm_make_e7 = $num * 5632 + 616 -
5632
    @ rm_make_s8 = $num * 5632 + 617 -
5632
    @ rm_make_e8 = $num * 5632 + 704 -
5632
    @ rm_make_s9 = $num * 5632 + 705 -
5632
    @ rm_make_e9 = $num * 5632 + 792 -
5632
    @ rm_make_s10 = $num * 5632 + 793 -
5632
    @ rm_make_e10 = $num * 5632 + 880 -
5632
    @ rm_make_s11 = $num * 5632 + 881 -
5632
    @ rm_make_e11 = $num * 5632 + 968 -
5632
    @ rm_make_s12 = $num * 5632 + 969 -
5632
    @ rm_make_e12 = $num * 5632 + 1056 -
5632
    @ rm_make_s13 = $num * 5632 + 1057 -
5632

```

```

@ rm_make_e13 = $num * 5632 + 1144 -
5632
@ rm_make_s14 = $num * 5632 + 1145 -
5632
@ rm_make_e14 = $num * 5632 + 1232 -
5632
@ rm_make_s15 = $num * 5632 + 1233 -
5632
@ rm_make_e15 = $num * 5632 + 1320 -
5632
@ rm_make_s16 = $num * 5632 + 1321 -
5632
@ rm_make_e16 = $num * 5632 + 1408 -
5632
@ rm_make_s17 = $num * 5632 + 1409 -
5632
@ rm_make_e17 = $num * 5632 + 1496 -
5632
@ rm_make_s18 = $num * 5632 + 1497 -
5632
@ rm_make_e18 = $num * 5632 + 1584 -
5632
@ rm_make_s19 = $num * 5632 + 1585 -
5632
@ rm_make_e19 = $num * 5632 + 1672 -
5632
@ rm_make_s20 = $num * 5632 + 1673 -
5632
@ rm_make_e20 = $num * 5632 + 1760 -
5632
@ rm_make_s21 = $num * 5632 + 1761 -
5632
@ rm_make_e21 = $num * 5632 + 1848 -
5632
@ rm_make_s22 = $num * 5632 + 1849 -
5632
@ rm_make_e22 = $num * 5632 + 1936 -
5632
@ rm_make_s23 = $num * 5632 + 1937 -
5632
@ rm_make_e23 = $num * 5632 + 2024 -
5632
@ rm_make_s24 = $num * 5632 + 2025 -
5632
@ rm_make_e24 = $num * 5632 + 2112 -
5632
@ rm_make_s25 = $num * 5632 + 2113 -
5632
@ rm_make_e25 = $num * 5632 + 2200 -
5632
@ rm_make_s26 = $num * 5632 + 2201 -
5632
@ rm_make_e26 = $num * 5632 + 2288 -
5632
@ rm_make_s27 = $num * 5632 + 2289 -
5632
@ rm_make_e27 = $num * 5632 + 2376 -
5632
@ rm_make_s28 = $num * 5632 + 2377 -
5632
@ rm_make_e28 = $num * 5632 + 2464 -
5632
@ rm_make_s29 = $num * 5632 + 2465 -
5632
@ rm_make_e29 = $num * 5632 + 2552 -
5632
@ rm_make_s30 = $num * 5632 + 2553 -
5632

```

@ rm_make_e30 = \$num * 5632 + 2640 -
 5632
 @ rm_make_s31 = \$num * 5632 + 2641 -
 5632
 @ rm_make_e31 = \$num * 5632 + 2728 -
 5632
 @ rm_make_s32 = \$num * 5632 + 2729 -
 5632
 @ rm_make_e32 = \$num * 5632 + 2816 -
 5632
 @ rm_make_s33 = \$num * 5632 + 2817 -
 5632
 @ rm_make_e33 = \$num * 5632 + 2904 -
 5632
 @ rm_make_s34 = \$num * 5632 + 2905 -
 5632
 @ rm_make_e34 = \$num * 5632 + 2992 -
 5632
 @ rm_make_s35 = \$num * 5632 + 2993 -
 5632
 @ rm_make_e35 = \$num * 5632 + 3080 -
 5632
 @ rm_make_s36 = \$num * 5632 + 3081 -
 5632
 @ rm_make_e36 = \$num * 5632 + 3168 -
 5632
 @ rm_make_s37 = \$num * 5632 + 3169 -
 5632
 @ rm_make_e37 = \$num * 5632 + 3256 -
 5632
 @ rm_make_s38 = \$num * 5632 + 3257 -
 5632
 @ rm_make_e38 = \$num * 5632 + 3344 -
 5632
 @ rm_make_s39 = \$num * 5632 + 3345 -
 5632
 @ rm_make_e39 = \$num * 5632 + 3432 -
 5632
 @ rm_make_s40 = \$num * 5632 + 3433 -
 5632
 @ rm_make_e40 = \$num * 5632 + 3520 -
 5632
 @ rm_make_s41 = \$num * 5632 + 3521 -
 5632
 @ rm_make_e41 = \$num * 5632 + 3608 -
 5632
 @ rm_make_s42 = \$num * 5632 + 3609 -
 5632
 @ rm_make_e42 = \$num * 5632 + 3696 -
 5632
 @ rm_make_s43 = \$num * 5632 + 3697 -
 5632
 @ rm_make_e43 = \$num * 5632 + 3784 -
 5632
 @ rm_make_s44 = \$num * 5632 + 3785 -
 5632
 @ rm_make_e44 = \$num * 5632 + 3872 -
 5632
 @ rm_make_s45 = \$num * 5632 + 3873 -
 5632
 @ rm_make_e45 = \$num * 5632 + 3960 -
 5632
 @ rm_make_s46 = \$num * 5632 + 3961 -
 5632
 @ rm_make_e46 = \$num * 5632 + 4048 -
 5632
 @ rm_make_s47 = \$num * 5632 + 4049 -
 5632

@ rm_make_e47 = \$num * 5632 + 4136 -
 5632
 @ rm_make_s48 = \$num * 5632 + 4137 -
 5632
 @ rm_make_e48 = \$num * 5632 + 4224 -
 5632
 @ rm_make_s49 = \$num * 5632 + 4225 -
 5632
 @ rm_make_e49 = \$num * 5632 + 4312 -
 5632
 @ rm_make_s50 = \$num * 5632 + 4313 -
 5632
 @ rm_make_e50 = \$num * 5632 + 4400 -
 5632
 @ rm_make_s51 = \$num * 5632 + 4401 -
 5632
 @ rm_make_e51 = \$num * 5632 + 4488 -
 5632
 @ rm_make_s52 = \$num * 5632 + 4489 -
 5632
 @ rm_make_e52 = \$num * 5632 + 4576 -
 5632
 @ rm_make_s53 = \$num * 5632 + 4577 -
 5632
 @ rm_make_e53 = \$num * 5632 + 4664 -
 5632
 @ rm_make_s54 = \$num * 5632 + 4665 -
 5632
 @ rm_make_e54 = \$num * 5632 + 4752 -
 5632
 @ rm_make_s55 = \$num * 5632 + 4753 -
 5632
 @ rm_make_e55 = \$num * 5632 + 4840 -
 5632
 @ rm_make_s56 = \$num * 5632 + 4841 -
 5632
 @ rm_make_e56 = \$num * 5632 + 4928 -
 5632
 @ rm_make_s57 = \$num * 5632 + 4929 -
 5632
 @ rm_make_e57 = \$num * 5632 + 5016 -
 5632
 @ rm_make_s58 = \$num * 5632 + 5017 -
 5632
 @ rm_make_e58 = \$num * 5632 + 5104 -
 5632
 @ rm_make_s59 = \$num * 5632 + 5105 -
 5632
 @ rm_make_e59 = \$num * 5632 + 5192 -
 5632
 @ rm_make_s60 = \$num * 5632 + 5193 -
 5632
 @ rm_make_e60 = \$num * 5632 + 5280 -
 5632
 @ rm_make_s61 = \$num * 5632 + 5281 -
 5632
 @ rm_make_e61 = \$num * 5632 + 5368 -
 5632
 @ rm_make_s62 = \$num * 5632 + 5369 -
 5632
 @ rm_make_e62 = \$num * 5632 + 5456 -
 5632
 @ rm_make_s63 = \$num * 5632 + 5457 -
 5632
 @ rm_make_e63 = \$num * 5632 + 5544 -
 5632
 @ rm_make_s64 = \$num * 5632 + 5545 -
 5632

@ rm_make_e64 = \$num * 5632 + 5632 -
 5632
 rm
 \$LOAD1_D/DI\$rm_make_s1_rm_make_e1
 rm
 \$LOAD2_D/DI\$rm_make_s2_rm_make_e2
 rm
 \$LOAD3_D/DI\$rm_make_s3_rm_make_e3
 rm
 \$LOAD4_D/DI\$rm_make_s4_rm_make_e4
 rm
 \$LOAD5_D/DI\$rm_make_s5_rm_make_e5
 rm
 \$LOAD6_D/DI\$rm_make_s6_rm_make_e6
 rm
 \$LOAD7_D/DI\$rm_make_s7_rm_make_e7
 rm
 \$LOAD8_D/DI\$rm_make_s8_rm_make_e8
 rm
 \$LOAD9_D/DI\$rm_make_s9_rm_make_e9
 rm
 \$LOAD10_D/DI\$rm_make_s10_rm_make_e10
 rm
 \$LOAD11_D/DI\$rm_make_s11_rm_make_e11
 rm
 \$LOAD12_D/DI\$rm_make_s12_rm_make_e12
 rm
 \$LOAD13_D/DI\$rm_make_s13_rm_make_e13
 rm
 \$LOAD14_D/DI\$rm_make_s14_rm_make_e14
 rm
 \$LOAD15_D/DI\$rm_make_s15_rm_make_e15
 rm
 \$LOAD16_D/DI\$rm_make_s16_rm_make_e16
 rm
 \$LOAD17_D/DI\$rm_make_s17_rm_make_e17
 rm
 \$LOAD18_D/DI\$rm_make_s18_rm_make_e18
 rm
 \$LOAD19_D/DI\$rm_make_s19_rm_make_e19
 rm
 \$LOAD20_D/DI\$rm_make_s20_rm_make_e20
 rm
 \$LOAD21_D/DI\$rm_make_s21_rm_make_e21
 rm
 \$LOAD22_D/DI\$rm_make_s22_rm_make_e22
 rm
 \$LOAD23_D/DI\$rm_make_s23_rm_make_e23
 rm
 \$LOAD24_D/DI\$rm_make_s24_rm_make_e24
 rm
 \$LOAD25_D/DI\$rm_make_s25_rm_make_e25
 rm
 \$LOAD26_D/DI\$rm_make_s26_rm_make_e26
 rm
 \$LOAD27_D/DI\$rm_make_s27_rm_make_e27
 rm
 \$LOAD28_D/DI\$rm_make_s28_rm_make_e28
 rm
 \$LOAD29_D/DI\$rm_make_s29_rm_make_e29
 rm
 \$LOAD30_D/DI\$rm_make_s30_rm_make_e30
 rm
 \$LOAD31_D/DI\$rm_make_s31_rm_make_e31
 rm
 \$LOAD32_D/DI\$rm_make_s32_rm_make_e32
 rm
 \$LOAD33_D/DI\$rm_make_s33_rm_make_e33

rm		
\$LOAD34_D/DI\$rm_make_s34_\$rm_make_e34	s \$WK2_D \	s \$WK15_D \
rm		
\$LOAD35_D/DI\$rm_make_s35_\$rm_make_e35	n \$LOAD1_D/DI\$make_s1_\$make_e1 &	s \$WK16_D \
rm	endif	
\$LOAD36_D/DI\$rm_make_s36_\$rm_make_e36	if (\$dsi_num2 <= 225) then	n \$LOAD8_D/DI\$make_s8_\$make_e8 &
rm	timex rdbloader -mi -i	endif
\$LOAD37_D/DI\$rm_make_s37_\$rm_make_e37	\$RDBDB.DISTRICT_\$dsi_num2_DSI \	if (\$dsi_num9 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD38_D/DI\$rm_make_s38_\$rm_make_e38	s \$WK3_D \	\$RDBDB.DISTRICT_\$dsi_num9_DSI \
rm		
\$LOAD39_D/DI\$rm_make_s39_\$rm_make_e39	s \$WK4_D \	s \$WK17_D \
rm		
\$LOAD40_D/DI\$rm_make_s40_\$rm_make_e40	n \$LOAD2_D/DI\$make_s2_\$make_e2 &	s \$WK18_D \
rm	endif	
\$LOAD41_D/DI\$rm_make_s41_\$rm_make_e41	if (\$dsi_num3 <= 225) then	n \$LOAD9_D/DI\$make_s9_\$make_e9 &
rm	timex rdbloader -mi -i	endif
\$LOAD42_D/DI\$rm_make_s42_\$rm_make_e42	\$RDBDB.DISTRICT_\$dsi_num3_DSI \	if (\$dsi_num10 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD43_D/DI\$rm_make_s43_\$rm_make_e43	s \$WK5_D \	\$RDBDB.DISTRICT_\$dsi_num10_DSI \
rm		
\$LOAD44_D/DI\$rm_make_s44_\$rm_make_e44	s \$WK6_D \	s \$WK19_D \
rm		
\$LOAD45_D/DI\$rm_make_s45_\$rm_make_e45	n \$LOAD3_D/DI\$make_s3_\$make_e3 &	s \$WK20_D \
rm	endif	
\$LOAD46_D/DI\$rm_make_s46_\$rm_make_e46	if (\$dsi_num4 <= 225) then	n \$LOAD10_D/DI\$make_s10_\$make_e10 &
rm	timex rdbloader -mi -i	endif
\$LOAD47_D/DI\$rm_make_s47_\$rm_make_e47	\$RDBDB.DISTRICT_\$dsi_num4_DSI \	if (\$dsi_num11 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD48_D/DI\$rm_make_s48_\$rm_make_e48	s \$WK7_D \	\$RDBDB.DISTRICT_\$dsi_num11_DSI \
rm		
\$LOAD49_D/DI\$rm_make_s49_\$rm_make_e49	s \$WK8_D \	s \$WK21_D \
rm		
\$LOAD50_D/DI\$rm_make_s50_\$rm_make_e50	n \$LOAD4_D/DI\$make_s4_\$make_e4 &	s \$WK22_D \
rm	endif	
\$LOAD51_D/DI\$rm_make_s51_\$rm_make_e51	if (\$dsi_num5 <= 225) then	n \$LOAD11_D/DI\$make_s11_\$make_e11 &
rm	timex rdbloader -mi -i	endif
\$LOAD52_D/DI\$rm_make_s52_\$rm_make_e52	\$RDBDB.DISTRICT_\$dsi_num5_DSI \	if (\$dsi_num12 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD53_D/DI\$rm_make_s53_\$rm_make_e53	s \$WK9_D \	\$RDBDB.DISTRICT_\$dsi_num12_DSI \
rm		
\$LOAD54_D/DI\$rm_make_s54_\$rm_make_e54	s \$WK10_D \	s \$WK23_D \
rm		
\$LOAD55_D/DI\$rm_make_s55_\$rm_make_e55	n \$LOAD5_D/DI\$make_s5_\$make_e5 &	s \$WK24_D \
rm	endif	
\$LOAD56_D/DI\$rm_make_s56_\$rm_make_e56	if (\$dsi_num6 <= 225) then	n \$LOAD12_D/DI\$make_s12_\$make_e12 &
rm	timex rdbloader -mi -i	endif
\$LOAD57_D/DI\$rm_make_s57_\$rm_make_e57	\$RDBDB.DISTRICT_\$dsi_num6_DSI \	if (\$dsi_num13 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD58_D/DI\$rm_make_s58_\$rm_make_e58	s \$WK11_D \	\$RDBDB.DISTRICT_\$dsi_num13_DSI \
rm		
\$LOAD59_D/DI\$rm_make_s59_\$rm_make_e59	s \$WK12_D \	s \$WK25_D \
rm		
\$LOAD60_D/DI\$rm_make_s60_\$rm_make_e60	n \$LOAD6_D/DI\$make_s6_\$make_e6 &	s \$WK26_D \
rm	endif	
\$LOAD61_D/DI\$rm_make_s61_\$rm_make_e61	if (\$dsi_num7 <= 225) then	n \$LOAD13_D/DI\$make_s13_\$make_e13 &
rm	timex rdbloader -mi -i	endif
\$LOAD62_D/DI\$rm_make_s62_\$rm_make_e62	\$RDBDB.DISTRICT_\$dsi_num7_DSI \	if (\$dsi_num14 <= 225) then
rm		timex rdbloader -mi -i
\$LOAD63_D/DI\$rm_make_s63_\$rm_make_e63	s \$WK13_D \	\$RDBDB.DISTRICT_\$dsi_num14_DSI \
rm		
\$LOAD64_D/DI\$rm_make_s64_\$rm_make_e64	s \$WK14_D \	s \$WK27_D \
endif		
	n \$LOAD7_D/DI\$make_s7_\$make_e7 &	s \$WK28_D \
if (\$dsi_num1 <= 225) then	endif	
timex rdbloader -mi -i	if (\$dsi_num8 <= 225) then	n \$LOAD14_D/DI\$make_s14_\$make_e14 &
\$RDBDB.DISTRICT_\$dsi_num1_DSI \	timex rdbloader -mi -i	endif
	\$RDBDB.DISTRICT_\$dsi_num8_DSI \	if (\$dsi_num15 <= 225) then
s \$WK1_D \		

<pre> timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num15)_DSI \ - s \$WK29_D \ - s \$WK30_D \ - n \$LOAD15_D/DI\$make_s15_\$make_e15 & endif if (\$(dsi_num16 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num16)_DSI \ - s \$WK31_D \ - s \$WK32_D \ - n \$LOAD16_D/DI\$make_s16_\$make_e16 & endif if (\$(dsi_num17 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num17)_DSI \ - s \$WK33_D \ - s \$WK34_D \ - n \$LOAD17_D/DI\$make_s17_\$make_e17 & endif if (\$(dsi_num18 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num18)_DSI \ - s \$WK35_D \ - s \$WK36_D \ - n \$LOAD18_D/DI\$make_s18_\$make_e18 & endif if (\$(dsi_num19 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num19)_DSI \ - s \$WK37_D \ - s \$WK38_D \ - n \$LOAD19_D/DI\$make_s19_\$make_e19 & endif if (\$(dsi_num20 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num20)_DSI \ - s \$WK39_D \ - s \$WK40_D \ - n \$LOAD20_D/DI\$make_s20_\$make_e20 & endif if (\$(dsi_num21 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num21)_DSI \ - s \$WK41_D \ - s \$WK42_D \ - n \$LOAD21_D/DI\$make_s21_\$make_e21 & endif </pre>	<pre> if (\$(dsi_num22 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num22)_DSI \ - s \$WK43_D \ - s \$WK44_D \ - n \$LOAD22_D/DI\$make_s22_\$make_e22 & endif if (\$(dsi_num23 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num23)_DSI \ - s \$WK45_D \ - s \$WK46_D \ - n \$LOAD23_D/DI\$make_s23_\$make_e23 & endif if (\$(dsi_num24 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num24)_DSI \ - s \$WK47_D \ - s \$WK48_D \ - n \$LOAD24_D/DI\$make_s24_\$make_e24 & endif if (\$(dsi_num25 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num25)_DSI \ - s \$WK49_D \ - s \$WK50_D \ - n \$LOAD25_D/DI\$make_s25_\$make_e25 & endif if (\$(dsi_num26 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num26)_DSI \ - s \$WK51_D \ - s \$WK52_D \ - n \$LOAD26_D/DI\$make_s26_\$make_e26 & endif if (\$(dsi_num27 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num27)_DSI \ - s \$WK53_D \ - s \$WK54_D \ - n \$LOAD27_D/DI\$make_s27_\$make_e27 & endif if (\$(dsi_num28 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num28)_DSI \ - s \$WK55_D \ - s \$WK56_D \ - n \$LOAD28_D/DI\$make_s28_\$make_e28 & </pre>	<pre> endif if (\$(dsi_num29 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num29)_DSI \ - s \$WK57_D \ - s \$WK58_D \ - n \$LOAD29_D/DI\$make_s29_\$make_e29 & endif if (\$(dsi_num30 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num30)_DSI \ - s \$WK59_D \ - s \$WK60_D \ - n \$LOAD30_D/DI\$make_s30_\$make_e30 & endif if (\$(dsi_num31 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num31)_DSI \ - s \$WK61_D \ - s \$WK62_D \ - n \$LOAD31_D/DI\$make_s31_\$make_e31 & endif if (\$(dsi_num32 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num32)_DSI \ - s \$WK63_D \ - s \$WK64_D \ - n \$LOAD32_D/DI\$make_s32_\$make_e32 & endif if (\$(dsi_num33 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num33)_DSI \ - s \$WK65_D \ - s \$WK66_D \ - n \$LOAD33_D/DI\$make_s33_\$make_e33 & endif if (\$(dsi_num34 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num34)_DSI \ - s \$WK67_D \ - s \$WK68_D \ - n \$LOAD34_D/DI\$make_s34_\$make_e34 & endif if (\$(dsi_num35 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$(dsi_num35)_DSI \ - s \$WK69_D \ - s \$WK70_D \ </pre>
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n \$LOAD35_D/DI\$make_s35_make_e35 & endif if (\$dsi_num36 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num36_DSI \ s \$WK71_D \ s \$WK72_D \ n \$LOAD36_D/DI\$make_s36_make_e36 & endif if (\$dsi_num37 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num37_DSI \ s \$WK73_D \ s \$WK74_D \ n \$LOAD37_D/DI\$make_s37_make_e37 & endif if (\$dsi_num38 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num38_DSI \ s \$WK75_D \ s \$WK76_D \ n \$LOAD38_D/DI\$make_s38_make_e38 & endif if (\$dsi_num39 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num39_DSI \ s \$WK77_D \ s \$WK78_D \ n \$LOAD39_D/DI\$make_s39_make_e39 & endif if (\$dsi_num40 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num40_DSI \ s \$WK79_D \ s \$WK80_D \ n \$LOAD40_D/DI\$make_s40_make_e40 & endif if (\$dsi_num41 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num41_DSI \ s \$WK81_D \ s \$WK82_D \ n \$LOAD41_D/DI\$make_s41_make_e41 & endif if (\$dsi_num42 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num42_DSI \ s \$WK83_D \ s \$WK84_D \ n \$LOAD42_D/DI\$make_s42_make_e42 & endif if (\$dsi_num43 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num43_DSI \ s \$WK85_D \ s \$WK86_D \ n \$LOAD43_D/DI\$make_s43_make_e43 & endif if (\$dsi_num44 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num44_DSI \ s \$WK87_D \ s \$WK88_D \ n \$LOAD44_D/DI\$make_s44_make_e44 & endif if (\$dsi_num45 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num45_DSI \ s \$WK89_D \ s \$WK90_D \ n \$LOAD45_D/DI\$make_s45_make_e45 & endif if (\$dsi_num46 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num46_DSI \ s \$WK91_D \ s \$WK92_D \ n \$LOAD46_D/DI\$make_s46_make_e46 & endif if (\$dsi_num47 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num47_DSI \ s \$WK93_D \ s \$WK94_D \ n \$LOAD47_D/DI\$make_s47_make_e47 & endif if (\$dsi_num48 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num48_DSI \ s \$WK95_D \ s \$WK96_D \ n \$LOAD48_D/DI\$make_s48_make_e48 & endif if (\$dsi_num49 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num49_DSI \ s \$WK97_D \ s \$WK98_D \ n \$LOAD49_D/DI\$make_s49_make_e49 & endif if (\$dsi_num50 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num50_DSI \ s \$WK99_D \ s \$WK100_D \ n \$LOAD50_D/DI\$make_s50_make_e50 & endif if (\$dsi_num51 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num51_DSI \ s \$WK101_D \ s \$WK102_D \ n \$LOAD51_D/DI\$make_s51_make_e51 & endif if (\$dsi_num52 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num52_DSI \ s \$WK103_D \ s \$WK104_D \ n \$LOAD52_D/DI\$make_s52_make_e52 & endif if (\$dsi_num53 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num53_DSI \ s \$WK105_D \ s \$WK106_D \ n \$LOAD53_D/DI\$make_s53_make_e53 & endif if (\$dsi_num54 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num54_DSI \ s \$WK107_D \ s \$WK108_D \ n \$LOAD54_D/DI\$make_s54_make_e54 & endif if (\$dsi_num55 <= 225) then timex rdbloader -mi -i \$RDBDB.DISTRICT_\$dsi_num55_DSI \ s \$WK109_D \ s \$WK110_D \ n \$LOAD55_D/DI\$make_s55_make_e55 & endif if (\$dsi_num56 <= 225) then

```

    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num56)_DSI \
-
s $WK111_D \
-
s $WK112_D \
-
n $LOAD56_D/DI$make_s56_$(make_e56) &
endif
if ( $(dsi_num57) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num57)_DSI \
-
s $WK113_D \
-
s $WK114_D \
-
n $LOAD57_D/DI$make_s57_$(make_e57) &
endif
if ( $(dsi_num58) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num58)_DSI \
-
s $WK115_D \
-
s $WK116_D \
-
n $LOAD58_D/DI$make_s58_$(make_e58) &
endif
if ( $(dsi_num59) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num59)_DSI \
-
s $WK117_D \
-
s $WK118_D \
-
n $LOAD59_D/DI$make_s59_$(make_e59) &
endif
if ( $(dsi_num60) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num60)_DSI \
-
s $WK119_D \
-
s $WK120_D \
-
n $LOAD60_D/DI$make_s60_$(make_e60) &
endif
if ( $(dsi_num61) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num61)_DSI \
-
s $WK121_D \
-
s $WK122_D \
-
n $LOAD61_D/DI$make_s61_$(make_e61) &
endif
if ( $(dsi_num62) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num62)_DSI \
-
s $WK123_D \
-
s $WK124_D \
-
n $LOAD62_D/DI$make_s62_$(make_e62) &
endif

```

```

if ( $(dsi_num63) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num63)_DSI \
-
s $WK125_D \
-
s $WK126_D \
-
n $LOAD63_D/DI$make_s63_$(make_e63) &
endif
if ( $(dsi_num64) <= 225 ) then
    timex rdbloader -mi -i
$RDBDB.DISTRICT_$(dsi_num64)_DSI \
-
s $WK127_D \
-
s $WK128_D \
-
n $LOAD64_D/DI$make_s64_$(make_e64) &
endif
end

    wait
rm /rdb/loaddata*/DI*
## CUSTOMER

foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 )

    @ make_s1 = $num * 704 + 1
    @ make_e1 = $num * 704 + 11
    @ make_s2 = $num * 704 + 12
    @ make_e2 = $num * 704 + 22
    @ make_s3 = $num * 704 + 23
    @ make_e3 = $num * 704 + 33
    @ make_s4 = $num * 704 + 34
    @ make_e4 = $num * 704 + 44
    @ make_s5 = $num * 704 + 45
    @ make_e5 = $num * 704 + 55
    @ make_s6 = $num * 704 + 56
    @ make_e6 = $num * 704 + 66
    @ make_s7 = $num * 704 + 67
    @ make_e7 = $num * 704 + 77
    @ make_s8 = $num * 704 + 78
    @ make_e8 = $num * 704 + 88
    @ make_s9 = $num * 704 + 89
    @ make_e9 = $num * 704 + 99
    @ make_s10 = $num * 704 + 100
    @ make_e10 = $num * 704 + 110
    @ make_s11 = $num * 704 + 111
    @ make_e11 = $num * 704 + 121
    @ make_s12 = $num * 704 + 122
    @ make_e12 = $num * 704 + 132
    @ make_s13 = $num * 704 + 133
    @ make_e13 = $num * 704 + 143
    @ make_s14 = $num * 704 + 144
    @ make_e14 = $num * 704 + 154
    @ make_s15 = $num * 704 + 155
    @ make_e15 = $num * 704 + 165
    @ make_s16 = $num * 704 + 166
    @ make_e16 = $num * 704 + 176
    @ make_s17 = $num * 704 + 177
    @ make_e17 = $num * 704 + 187
    @ make_s18 = $num * 704 + 188
    @ make_e18 = $num * 704 + 198
    @ make_s19 = $num * 704 + 199
    @ make_e19 = $num * 704 + 209
    @ make_s20 = $num * 704 + 210
    @ make_e20 = $num * 704 + 220

```

```

@ make_s21 = $num * 704 + 221
@ make_e21 = $num * 704 + 231
@ make_s22 = $num * 704 + 232
@ make_e22 = $num * 704 + 242
@ make_s23 = $num * 704 + 243
@ make_e23 = $num * 704 + 253
@ make_s24 = $num * 704 + 254
@ make_e24 = $num * 704 + 264
@ make_s25 = $num * 704 + 265
@ make_e25 = $num * 704 + 275
@ make_s26 = $num * 704 + 276
@ make_e26 = $num * 704 + 286
@ make_s27 = $num * 704 + 287
@ make_e27 = $num * 704 + 297
@ make_s28 = $num * 704 + 298
@ make_e28 = $num * 704 + 308
@ make_s29 = $num * 704 + 309
@ make_e29 = $num * 704 + 319
@ make_s30 = $num * 704 + 320
@ make_e30 = $num * 704 + 330
@ make_s31 = $num * 704 + 331
@ make_e31 = $num * 704 + 341
@ make_s32 = $num * 704 + 342
@ make_e32 = $num * 704 + 352
@ make_s33 = $num * 704 + 353
@ make_e33 = $num * 704 + 363
@ make_s34 = $num * 704 + 364
@ make_e34 = $num * 704 + 374
@ make_s35 = $num * 704 + 375
@ make_e35 = $num * 704 + 385
@ make_s36 = $num * 704 + 386
@ make_e36 = $num * 704 + 396
@ make_s37 = $num * 704 + 397
@ make_e37 = $num * 704 + 407
@ make_s38 = $num * 704 + 408
@ make_e38 = $num * 704 + 418
@ make_s39 = $num * 704 + 419
@ make_e39 = $num * 704 + 429
@ make_s40 = $num * 704 + 430
@ make_e40 = $num * 704 + 440
@ make_s41 = $num * 704 + 441
@ make_e41 = $num * 704 + 451
@ make_s42 = $num * 704 + 452
@ make_e42 = $num * 704 + 462
@ make_s43 = $num * 704 + 463
@ make_e43 = $num * 704 + 473
@ make_s44 = $num * 704 + 474
@ make_e44 = $num * 704 + 484
@ make_s45 = $num * 704 + 485
@ make_e45 = $num * 704 + 495
@ make_s46 = $num * 704 + 496
@ make_e46 = $num * 704 + 506
@ make_s47 = $num * 704 + 507
@ make_e47 = $num * 704 + 517
@ make_s48 = $num * 704 + 518
@ make_e48 = $num * 704 + 528
@ make_s49 = $num * 704 + 529
@ make_e49 = $num * 704 + 539
@ make_s50 = $num * 704 + 540
@ make_e50 = $num * 704 + 550
@ make_s51 = $num * 704 + 551
@ make_e51 = $num * 704 + 561
@ make_s52 = $num * 704 + 562
@ make_e52 = $num * 704 + 572
@ make_s53 = $num * 704 + 573
@ make_e53 = $num * 704 + 583
@ make_s54 = $num * 704 + 584
@ make_e54 = $num * 704 + 594
@ make_s55 = $num * 704 + 595

```

```

@ make_e55 = $num * 704 + 605
@ make_s56 = $num * 704 + 606
@ make_e56 = $num * 704 + 616
@ make_s57 = $num * 704 + 617
@ make_e57 = $num * 704 + 627
@ make_s58 = $num * 704 + 628
@ make_e58 = $num * 704 + 638
@ make_s59 = $num * 704 + 639
@ make_e59 = $num * 704 + 649
@ make_s60 = $num * 704 + 650
@ make_e60 = $num * 704 + 660
@ make_s61 = $num * 704 + 661
@ make_e61 = $num * 704 + 671
@ make_s62 = $num * 704 + 672
@ make_e62 = $num * 704 + 682
@ make_s63 = $num * 704 + 683
@ make_e63 = $num * 704 + 693
@ make_s64 = $num * 704 + 694
@ make_e64 = $num * 704 + 704

```

```

@ dsi_num1 = $num * 64 + 1
@ dsi_num2 = $num * 64 + 2
@ dsi_num3 = $num * 64 + 3
@ dsi_num4 = $num * 64 + 4
@ dsi_num5 = $num * 64 + 5
@ dsi_num6 = $num * 64 + 6
@ dsi_num7 = $num * 64 + 7
@ dsi_num8 = $num * 64 + 8
@ dsi_num9 = $num * 64 + 9
@ dsi_num10 = $num * 64 + 10
@ dsi_num11 = $num * 64 + 11
@ dsi_num12 = $num * 64 + 12
@ dsi_num13 = $num * 64 + 13
@ dsi_num14 = $num * 64 + 14
@ dsi_num15 = $num * 64 + 15
@ dsi_num16 = $num * 64 + 16
@ dsi_num17 = $num * 64 + 17
@ dsi_num18 = $num * 64 + 18
@ dsi_num19 = $num * 64 + 19
@ dsi_num20 = $num * 64 + 20
@ dsi_num21 = $num * 64 + 21
@ dsi_num22 = $num * 64 + 22
@ dsi_num23 = $num * 64 + 23
@ dsi_num24 = $num * 64 + 24
@ dsi_num25 = $num * 64 + 25
@ dsi_num26 = $num * 64 + 26
@ dsi_num27 = $num * 64 + 27
@ dsi_num28 = $num * 64 + 28
@ dsi_num29 = $num * 64 + 29
@ dsi_num30 = $num * 64 + 30
@ dsi_num31 = $num * 64 + 31
@ dsi_num32 = $num * 64 + 32
@ dsi_num33 = $num * 64 + 33
@ dsi_num34 = $num * 64 + 34
@ dsi_num35 = $num * 64 + 35
@ dsi_num36 = $num * 64 + 36
@ dsi_num37 = $num * 64 + 37
@ dsi_num38 = $num * 64 + 38
@ dsi_num39 = $num * 64 + 39
@ dsi_num40 = $num * 64 + 40
@ dsi_num41 = $num * 64 + 41
@ dsi_num42 = $num * 64 + 42
@ dsi_num43 = $num * 64 + 43
@ dsi_num44 = $num * 64 + 44
@ dsi_num45 = $num * 64 + 45
@ dsi_num46 = $num * 64 + 46
@ dsi_num47 = $num * 64 + 47
@ dsi_num48 = $num * 64 + 48
@ dsi_num49 = $num * 64 + 49

```

```

@ dsi_num50 = $num * 64 + 50
@ dsi_num51 = $num * 64 + 51
@ dsi_num52 = $num * 64 + 52
@ dsi_num53 = $num * 64 + 53
@ dsi_num54 = $num * 64 + 54
@ dsi_num55 = $num * 64 + 55
@ dsi_num56 = $num * 64 + 56
@ dsi_num57 = $num * 64 + 57
@ dsi_num58 = $num * 64 + 58
@ dsi_num59 = $num * 64 + 59
@ dsi_num60 = $num * 64 + 60
@ dsi_num61 = $num * 64 + 61
@ dsi_num62 = $num * 64 + 62
@ dsi_num63 = $num * 64 + 63
@ dsi_num64 = $num * 64 + 64
wtpccd1_V $LOAD1_D $make_s1
$make_e1 C &
wtpccd1_V $LOAD2_D $make_s2
$make_e2 C &
wtpccd1_V $LOAD3_D $make_s3
$make_e3 C &
wtpccd1_V $LOAD4_D $make_s4
$make_e4 C &
wtpccd1_V $LOAD5_D $make_s5
$make_e5 C &
wtpccd1_V $LOAD6_D $make_s6
$make_e6 C &
wtpccd1_V $LOAD7_D $make_s7
$make_e7 C &
wtpccd1_V $LOAD8_D $make_s8
$make_e8 C &
wtpccd1_V $LOAD9_D $make_s9
$make_e9 C &
wtpccd1_V $LOAD10_D $make_s10
$make_e10 C &
wtpccd1_V $LOAD11_D $make_s11
$make_e11 C &
wtpccd1_V $LOAD12_D $make_s12
$make_e12 C &
wtpccd1_V $LOAD13_D $make_s13
$make_e13 C &
wtpccd1_V $LOAD14_D $make_s14
$make_e14 C &
wtpccd1_V $LOAD15_D $make_s15
$make_e15 C &
wtpccd1_V $LOAD16_D $make_s16
$make_e16 C &
wtpccd1_V $LOAD17_D $make_s17
$make_e17 C &
wtpccd1_V $LOAD18_D $make_s18
$make_e18 C &
wtpccd1_V $LOAD19_D $make_s19
$make_e19 C &
wtpccd1_V $LOAD20_D $make_s20
$make_e20 C &
wtpccd1_V $LOAD21_D $make_s21
$make_e21 C &
wtpccd1_V $LOAD22_D $make_s22
$make_e22 C &
wtpccd1_V $LOAD23_D $make_s23
$make_e23 C &
wtpccd1_V $LOAD24_D $make_s24
$make_e24 C &
wtpccd1_V $LOAD25_D $make_s25
$make_e25 C &
wtpccd1_V $LOAD26_D $make_s26
$make_e26 C &
wtpccd1_V $LOAD27_D $make_s27
$make_e27 C &

```

```

wtpccd1_V $LOAD28_D $make_s28
$make_e28 C &
wtpccd1_V $LOAD29_D $make_s29
$make_e29 C &
wtpccd1_V $LOAD30_D $make_s30
$make_e30 C &
wtpccd1_V $LOAD31_D $make_s31
$make_e31 C &
wtpccd1_V $LOAD32_D $make_s32
$make_e32 C &
wtpccd1_V $LOAD33_D $make_s33
$make_e33 C &
wtpccd1_V $LOAD34_D $make_s34
$make_e34 C &
wtpccd1_V $LOAD35_D $make_s35
$make_e35 C &
wtpccd1_V $LOAD36_D $make_s36
$make_e36 C &
wtpccd1_V $LOAD37_D $make_s37
$make_e37 C &
wtpccd1_V $LOAD38_D $make_s38
$make_e38 C &
wtpccd1_V $LOAD39_D $make_s39
$make_e39 C &
wtpccd1_V $LOAD40_D $make_s40
$make_e40 C &
wtpccd1_V $LOAD41_D $make_s41
$make_e41 C &
wtpccd1_V $LOAD42_D $make_s42
$make_e42 C &
wtpccd1_V $LOAD43_D $make_s43
$make_e43 C &
wtpccd1_V $LOAD44_D $make_s44
$make_e44 C &
wtpccd1_V $LOAD45_D $make_s45
$make_e45 C &
wtpccd1_V $LOAD46_D $make_s46
$make_e46 C &
wtpccd1_V $LOAD47_D $make_s47
$make_e47 C &
wtpccd1_V $LOAD48_D $make_s48
$make_e48 C &
wtpccd1_V $LOAD49_D $make_s49
$make_e49 C &
wtpccd1_V $LOAD50_D $make_s50
$make_e50 C &
wtpccd1_V $LOAD51_D $make_s51
$make_e51 C &
wtpccd1_V $LOAD52_D $make_s52
$make_e52 C &
wtpccd1_V $LOAD53_D $make_s53
$make_e53 C &
wtpccd1_V $LOAD54_D $make_s54
$make_e54 C &
wtpccd1_V $LOAD55_D $make_s55
$make_e55 C &
wtpccd1_V $LOAD56_D $make_s56
$make_e56 C &
wtpccd1_V $LOAD57_D $make_s57
$make_e57 C &
wtpccd1_V $LOAD58_D $make_s58
$make_e58 C &
wtpccd1_V $LOAD59_D $make_s59
$make_e59 C &
wtpccd1_V $LOAD60_D $make_s60
$make_e60 C &
wtpccd1_V $LOAD61_D $make_s61
$make_e61 C &

```

```

wttpccd1_V $LOAD62_D $make_s62
$make_e62 C &
wttpccd1_V $LOAD63_D $make_s63
$make_e63 C &
wttpccd1_V $LOAD64_D $make_s64
$make_e64 C &

wait

if ( $num != 0 ) then

  @ rm_make_s1 = $num * 704 + 1 - 704
  @ rm_make_e1 = $num * 704 + 11 - 704
  @ rm_make_s2 = $num * 704 + 12 - 704
  @ rm_make_e2 = $num * 704 + 22 - 704
  @ rm_make_s3 = $num * 704 + 23 - 704
  @ rm_make_e3 = $num * 704 + 33 - 704
  @ rm_make_s4 = $num * 704 + 34 - 704
  @ rm_make_e4 = $num * 704 + 44 - 704
  @ rm_make_s5 = $num * 704 + 45 - 704
  @ rm_make_e5 = $num * 704 + 55 - 704
  @ rm_make_s6 = $num * 704 + 56 - 704
  @ rm_make_e6 = $num * 704 + 66 - 704
  @ rm_make_s7 = $num * 704 + 67 - 704
  @ rm_make_e7 = $num * 704 + 77 - 704
  @ rm_make_s8 = $num * 704 + 78 - 704
  @ rm_make_e8 = $num * 704 + 88 - 704
  @ rm_make_s9 = $num * 704 + 89 - 704
  @ rm_make_e9 = $num * 704 + 99 - 704
  @ rm_make_s10 = $num * 704 + 100 - 704
  @ rm_make_e10 = $num * 704 + 110 - 704
  @ rm_make_s11 = $num * 704 + 111 - 704
  @ rm_make_e11 = $num * 704 + 121 - 704
  @ rm_make_s12 = $num * 704 + 122 - 704
  @ rm_make_e12 = $num * 704 + 132 - 704
  @ rm_make_s13 = $num * 704 + 133 - 704
  @ rm_make_e13 = $num * 704 + 143 - 704
  @ rm_make_s14 = $num * 704 + 144 - 704
  @ rm_make_e14 = $num * 704 + 154 - 704
  @ rm_make_s15 = $num * 704 + 155 - 704
  @ rm_make_e15 = $num * 704 + 165 - 704
  @ rm_make_s16 = $num * 704 + 166 - 704
  @ rm_make_e16 = $num * 704 + 176 - 704
  @ rm_make_s17 = $num * 704 + 177 - 704
  @ rm_make_e17 = $num * 704 + 187 - 704
  @ rm_make_s18 = $num * 704 + 188 - 704
  @ rm_make_e18 = $num * 704 + 198 - 704
  @ rm_make_s19 = $num * 704 + 199 - 704
  @ rm_make_e19 = $num * 704 + 209 - 704
  @ rm_make_s20 = $num * 704 + 210 - 704
  @ rm_make_e20 = $num * 704 + 220 - 704
  @ rm_make_s21 = $num * 704 + 221 - 704
  @ rm_make_e21 = $num * 704 + 231 - 704
  @ rm_make_s22 = $num * 704 + 232 - 704
  @ rm_make_e22 = $num * 704 + 242 - 704
  @ rm_make_s23 = $num * 704 + 243 - 704
  @ rm_make_e23 = $num * 704 + 253 - 704
  @ rm_make_s24 = $num * 704 + 254 - 704
  @ rm_make_e24 = $num * 704 + 264 - 704
  @ rm_make_s25 = $num * 704 + 265 - 704
  @ rm_make_e25 = $num * 704 + 275 - 704
  @ rm_make_s26 = $num * 704 + 276 - 704
  @ rm_make_e26 = $num * 704 + 286 - 704
  @ rm_make_s27 = $num * 704 + 287 - 704
  @ rm_make_e27 = $num * 704 + 297 - 704
  @ rm_make_s28 = $num * 704 + 298 - 704
  @ rm_make_e28 = $num * 704 + 308 - 704
  @ rm_make_s29 = $num * 704 + 309 - 704
  @ rm_make_e29 = $num * 704 + 319 - 704

```

```

@ rm_make_s30 = $num * 704 + 320 - 704
@ rm_make_e30 = $num * 704 + 330 - 704
@ rm_make_s31 = $num * 704 + 331 - 704
@ rm_make_e31 = $num * 704 + 341 - 704
@ rm_make_s32 = $num * 704 + 342 - 704
@ rm_make_e32 = $num * 704 + 352 - 704
@ rm_make_s33 = $num * 704 + 353 - 704
@ rm_make_e33 = $num * 704 + 363 - 704
@ rm_make_s34 = $num * 704 + 364 - 704
@ rm_make_e34 = $num * 704 + 374 - 704
@ rm_make_s35 = $num * 704 + 375 - 704
@ rm_make_e35 = $num * 704 + 385 - 704
@ rm_make_s36 = $num * 704 + 386 - 704
@ rm_make_e36 = $num * 704 + 396 - 704
@ rm_make_s37 = $num * 704 + 397 - 704
@ rm_make_e37 = $num * 704 + 407 - 704
@ rm_make_s38 = $num * 704 + 408 - 704
@ rm_make_e38 = $num * 704 + 418 - 704
@ rm_make_s39 = $num * 704 + 419 - 704
@ rm_make_e39 = $num * 704 + 429 - 704
@ rm_make_s40 = $num * 704 + 430 - 704
@ rm_make_e40 = $num * 704 + 440 - 704
@ rm_make_s41 = $num * 704 + 441 - 704
@ rm_make_e41 = $num * 704 + 451 - 704
@ rm_make_s42 = $num * 704 + 452 - 704
@ rm_make_e42 = $num * 704 + 462 - 704
@ rm_make_s43 = $num * 704 + 463 - 704
@ rm_make_e43 = $num * 704 + 473 - 704
@ rm_make_s44 = $num * 704 + 474 - 704
@ rm_make_e44 = $num * 704 + 484 - 704
@ rm_make_s45 = $num * 704 + 485 - 704
@ rm_make_e45 = $num * 704 + 495 - 704
@ rm_make_s46 = $num * 704 + 496 - 704
@ rm_make_e46 = $num * 704 + 506 - 704
@ rm_make_s47 = $num * 704 + 507 - 704
@ rm_make_e47 = $num * 704 + 517 - 704
@ rm_make_s48 = $num * 704 + 518 - 704
@ rm_make_e48 = $num * 704 + 528 - 704
@ rm_make_s49 = $num * 704 + 529 - 704
@ rm_make_e49 = $num * 704 + 539 - 704
@ rm_make_s50 = $num * 704 + 540 - 704
@ rm_make_e50 = $num * 704 + 550 - 704
@ rm_make_s51 = $num * 704 + 551 - 704
@ rm_make_e51 = $num * 704 + 561 - 704
@ rm_make_s52 = $num * 704 + 562 - 704
@ rm_make_e52 = $num * 704 + 572 - 704
@ rm_make_s53 = $num * 704 + 573 - 704
@ rm_make_e53 = $num * 704 + 583 - 704
@ rm_make_s54 = $num * 704 + 584 - 704
@ rm_make_e54 = $num * 704 + 594 - 704
@ rm_make_s55 = $num * 704 + 595 - 704
@ rm_make_e55 = $num * 704 + 605 - 704
@ rm_make_s56 = $num * 704 + 606 - 704
@ rm_make_e56 = $num * 704 + 616 - 704
@ rm_make_s57 = $num * 704 + 617 - 704
@ rm_make_e57 = $num * 704 + 627 - 704
@ rm_make_s58 = $num * 704 + 628 - 704
@ rm_make_e58 = $num * 704 + 638 - 704
@ rm_make_s59 = $num * 704 + 639 - 704
@ rm_make_e59 = $num * 704 + 649 - 704
@ rm_make_s60 = $num * 704 + 650 - 704
@ rm_make_e60 = $num * 704 + 660 - 704
@ rm_make_s61 = $num * 704 + 661 - 704
@ rm_make_e61 = $num * 704 + 671 - 704
@ rm_make_s62 = $num * 704 + 672 - 704
@ rm_make_e62 = $num * 704 + 682 - 704
@ rm_make_s63 = $num * 704 + 683 - 704
@ rm_make_e63 = $num * 704 + 693 - 704
@ rm_make_s64 = $num * 704 + 694 - 704

```

```

@ rm_make_e64 = $num * 704 + 704 - 704
rm
LOAD1_D/CU$rm_make_s1\_rm_make_e1
rm
LOAD2_D/CU$rm_make_s2\_rm_make_e2
rm
LOAD3_D/CU$rm_make_s3\_rm_make_e3
rm
LOAD4_D/CU$rm_make_s4\_rm_make_e4
rm
LOAD5_D/CU$rm_make_s5\_rm_make_e5
rm
LOAD6_D/CU$rm_make_s6\_rm_make_e6
rm
LOAD7_D/CU$rm_make_s7\_rm_make_e7
rm
LOAD8_D/CU$rm_make_s8\_rm_make_e8
rm
LOAD9_D/CU$rm_make_s9\_rm_make_e9
rm
LOAD10_D/CU$rm_make_s10\_rm_make_e10
rm
LOAD11_D/CU$rm_make_s11\_rm_make_e11
rm
LOAD12_D/CU$rm_make_s12\_rm_make_e12
rm
LOAD13_D/CU$rm_make_s13\_rm_make_e13
rm
LOAD14_D/CU$rm_make_s14\_rm_make_e14
rm
LOAD15_D/CU$rm_make_s15\_rm_make_e15
rm
LOAD16_D/CU$rm_make_s16\_rm_make_e16
rm
LOAD17_D/CU$rm_make_s17\_rm_make_e17
rm
LOAD18_D/CU$rm_make_s18\_rm_make_e18
rm
LOAD19_D/CU$rm_make_s19\_rm_make_e19
rm
LOAD20_D/CU$rm_make_s20\_rm_make_e20
rm
LOAD21_D/CU$rm_make_s21\_rm_make_e21
rm
LOAD22_D/CU$rm_make_s22\_rm_make_e22
rm
LOAD23_D/CU$rm_make_s23\_rm_make_e23
rm
LOAD24_D/CU$rm_make_s24\_rm_make_e24
rm
LOAD25_D/CU$rm_make_s25\_rm_make_e25
rm
LOAD26_D/CU$rm_make_s26\_rm_make_e26
rm
LOAD27_D/CU$rm_make_s27\_rm_make_e27
rm
LOAD28_D/CU$rm_make_s28\_rm_make_e28
rm
LOAD29_D/CU$rm_make_s29\_rm_make_e29
rm
LOAD30_D/CU$rm_make_s30\_rm_make_e30
rm
LOAD31_D/CU$rm_make_s31\_rm_make_e31
rm
LOAD32_D/CU$rm_make_s32\_rm_make_e32
rm
LOAD33_D/CU$rm_make_s33\_rm_make_e33
rm
LOAD34_D/CU$rm_make_s34\_rm_make_e34

```

rm		
\$LOAD35_D/CU\$rm_make_s35_rm_make_e35	n \$LOAD1_D/CU\$make_s1_smake_e1 &	s \$WK16_D \
rm	endif	
\$LOAD36_D/CU\$rm_make_s36_rm_make_e36	if (\$dsi_num2 <= 1800) then	n \$LOAD8_D/CU\$make_s8_smake_e8 &
rm	timex rdbloader -mi -i	endif
\$LOAD37_D/CU\$rm_make_s37_rm_make_e37	\$RDBDB.CUSTOMER_\$dsi_num2_DSI -h \	if (\$dsi_num9 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD38_D/CU\$rm_make_s38_rm_make_e38	s \$WK3_D \	\$RDBDB.CUSTOMER_\$dsi_num9_DSI -h \
rm		
\$LOAD39_D/CU\$rm_make_s39_rm_make_e39	s \$WK4_D \	s \$WK17_D \
rm		
\$LOAD40_D/CU\$rm_make_s40_rm_make_e40	n \$LOAD2_D/CU\$make_s2_smake_e2 &	s \$WK18_D \
rm	endif	
\$LOAD41_D/CU\$rm_make_s41_rm_make_e41	if (\$dsi_num3 <= 1800) then	n \$LOAD9_D/CU\$make_s9_smake_e9 &
rm	timex rdbloader -mi -i	endif
\$LOAD42_D/CU\$rm_make_s42_rm_make_e42	\$RDBDB.CUSTOMER_\$dsi_num3_DSI -h \	if (\$dsi_num10 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD43_D/CU\$rm_make_s43_rm_make_e43	s \$WK5_D \	\$RDBDB.CUSTOMER_\$dsi_num10_DSI -h \
rm		
\$LOAD44_D/CU\$rm_make_s44_rm_make_e44	s \$WK6_D \	s \$WK19_D \
rm		
\$LOAD45_D/CU\$rm_make_s45_rm_make_e45	n \$LOAD3_D/CU\$make_s3_smake_e3 &	s \$WK20_D \
rm	endif	
\$LOAD46_D/CU\$rm_make_s46_rm_make_e46	if (\$dsi_num4 <= 1800) then	n \$LOAD10_D/CU\$make_s10_smake_e10 &
rm	timex rdbloader -mi -i	endif
\$LOAD47_D/CU\$rm_make_s47_rm_make_e47	\$RDBDB.CUSTOMER_\$dsi_num4_DSI -h \	if (\$dsi_num11 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD48_D/CU\$rm_make_s48_rm_make_e48	s \$WK7_D \	\$RDBDB.CUSTOMER_\$dsi_num11_DSI -h \
rm		
\$LOAD49_D/CU\$rm_make_s49_rm_make_e49	s \$WK8_D \	s \$WK21_D \
rm		
\$LOAD50_D/CU\$rm_make_s50_rm_make_e50	n \$LOAD4_D/CU\$make_s4_smake_e4 &	s \$WK22_D \
rm	endif	
\$LOAD51_D/CU\$rm_make_s51_rm_make_e51	if (\$dsi_num5 <= 1800) then	n \$LOAD11_D/CU\$make_s11_smake_e11 &
rm	timex rdbloader -mi -i	endif
\$LOAD52_D/CU\$rm_make_s52_rm_make_e52	\$RDBDB.CUSTOMER_\$dsi_num5_DSI -h \	if (\$dsi_num12 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD53_D/CU\$rm_make_s53_rm_make_e53	s \$WK9_D \	\$RDBDB.CUSTOMER_\$dsi_num12_DSI -h \
rm		
\$LOAD54_D/CU\$rm_make_s54_rm_make_e54	s \$WK10_D \	s \$WK23_D \
rm		
\$LOAD55_D/CU\$rm_make_s55_rm_make_e55	n \$LOAD5_D/CU\$make_s5_smake_e5 &	s \$WK24_D \
rm	endif	
\$LOAD56_D/CU\$rm_make_s56_rm_make_e56	if (\$dsi_num6 <= 1800) then	n \$LOAD12_D/CU\$make_s12_smake_e12 &
rm	timex rdbloader -mi -i	endif
\$LOAD57_D/CU\$rm_make_s57_rm_make_e57	\$RDBDB.CUSTOMER_\$dsi_num6_DSI -h \	if (\$dsi_num13 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD58_D/CU\$rm_make_s58_rm_make_e58	s \$WK11_D \	\$RDBDB.CUSTOMER_\$dsi_num13_DSI -h \
rm		
\$LOAD59_D/CU\$rm_make_s59_rm_make_e59	s \$WK12_D \	s \$WK25_D \
rm		
\$LOAD60_D/CU\$rm_make_s60_rm_make_e60	n \$LOAD6_D/CU\$make_s6_smake_e6 &	s \$WK26_D \
rm	endif	
\$LOAD61_D/CU\$rm_make_s61_rm_make_e61	if (\$dsi_num7 <= 1800) then	n \$LOAD13_D/CU\$make_s13_smake_e13 &
rm	timex rdbloader -mi -i	endif
\$LOAD62_D/CU\$rm_make_s62_rm_make_e62	\$RDBDB.CUSTOMER_\$dsi_num7_DSI -h \	if (\$dsi_num14 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD63_D/CU\$rm_make_s63_rm_make_e63	s \$WK13_D \	\$RDBDB.CUSTOMER_\$dsi_num14_DSI -h \
rm		
\$LOAD64_D/CU\$rm_make_s64_rm_make_e64	s \$WK14_D \	s \$WK27_D \
endif		
	n \$LOAD7_D/CU\$make_s7_smake_e7 &	s \$WK28_D \
	endif	
if (\$dsi_num1 <= 1800) then	if (\$dsi_num8 <= 1800) then	n \$LOAD14_D/CU\$make_s14_smake_e14 &
timex rdbloader -mi -i	timex rdbloader -mi -i	endif
\$RDBDB.CUSTOMER_\$dsi_num1_DSI -h \	\$RDBDB.CUSTOMER_\$dsi_num8_DSI -h \	if (\$dsi_num15 <= 1800) then
		timex rdbloader -mi -i
s \$WK1_D \	s \$WK15_D \	\$RDBDB.CUSTOMER_\$dsi_num15_DSI -h \
s \$WK2_D \		

s \$WK29_D \	timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num22\ _DSI -h \	if (\$dsi_num29 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num29\ _DSI -h \
s \$WK30_D \	s \$WK43_D \	s \$WK57_D \
n \$LOAD15_D/CU\$make_s15_ \$make_e15 & endif if (\$dsi_num16 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num16\ _DSI -h \	s \$WK44_D \	s \$WK58_D \
s \$WK31_D \	n \$LOAD22_D/CU\$make_s22_ \$make_e22 & endif if (\$dsi_num23 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num23\ _DSI -h \	n \$LOAD29_D/CU\$make_s29_ \$make_e29 & endif if (\$dsi_num30 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num30\ _DSI -h \
s \$WK32_D \	s \$WK45_D \	s \$WK59_D \
n \$LOAD16_D/CU\$make_s16_ \$make_e16 & endif if (\$dsi_num17 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num17\ _DSI -h \	s \$WK46_D \	s \$WK60_D \
s \$WK33_D \	n \$LOAD23_D/CU\$make_s23_ \$make_e23 & endif if (\$dsi_num24 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num24\ _DSI -h \	n \$LOAD30_D/CU\$make_s30_ \$make_e30 & endif if (\$dsi_num31 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num31\ _DSI -h \
s \$WK34_D \	s \$WK47_D \	s \$WK61_D \
n \$LOAD17_D/CU\$make_s17_ \$make_e17 & endif if (\$dsi_num18 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num18\ _DSI -h \	s \$WK48_D \	s \$WK62_D \
s \$WK35_D \	n \$LOAD24_D/CU\$make_s24_ \$make_e24 & endif if (\$dsi_num25 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num25\ _DSI -h \	n \$LOAD31_D/CU\$make_s31_ \$make_e31 & endif if (\$dsi_num32 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num32\ _DSI -h \
s \$WK36_D \	s \$WK49_D \	s \$WK63_D \
n \$LOAD18_D/CU\$make_s18_ \$make_e18 & endif if (\$dsi_num19 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num19\ _DSI -h \	s \$WK50_D \	s \$WK64_D \
s \$WK37_D \	n \$LOAD25_D/CU\$make_s25_ \$make_e25 & endif if (\$dsi_num26 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num26\ _DSI -h \	n \$LOAD32_D/CU\$make_s32_ \$make_e32 & endif if (\$dsi_num33 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num33\ _DSI -h \
s \$WK38_D \	s \$WK51_D \	s \$WK65_D \
n \$LOAD19_D/CU\$make_s19_ \$make_e19 & endif if (\$dsi_num20 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num20\ _DSI -h \	s \$WK52_D \	s \$WK66_D \
s \$WK39_D \	n \$LOAD26_D/CU\$make_s26_ \$make_e26 & endif if (\$dsi_num27 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num27\ _DSI -h \	n \$LOAD33_D/CU\$make_s33_ \$make_e33 & endif if (\$dsi_num34 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num34\ _DSI -h \
s \$WK40_D \	s \$WK53_D \	s \$WK67_D \
n \$LOAD20_D/CU\$make_s20_ \$make_e20 & endif if (\$dsi_num21 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num21\ _DSI -h \	s \$WK54_D \	s \$WK68_D \
s \$WK41_D \	n \$LOAD27_D/CU\$make_s27_ \$make_e27 & endif if (\$dsi_num28 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num28\ _DSI -h \	n \$LOAD34_D/CU\$make_s34_ \$make_e34 & endif if (\$dsi_num35 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num35\ _DSI -h \
s \$WK42_D \	s \$WK55_D \	s \$WK69_D \
n \$LOAD21_D/CU\$make_s21_ \$make_e21 & endif if (\$dsi_num22 <= 1800) then	s \$WK56_D \	s \$WK70_D \
endif	n \$LOAD28_D/CU\$make_s28_ \$make_e28 & endif	n \$LOAD35_D/CU\$make_s35_ \$make_e35 &

```

endif
if ( $dsi_num36 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num36\ _DSI -h \
s $WK71_D \
s $WK72_D \
n $LOAD36_D/CU$make_s36\_ $make_e36 &
endif
if ( $dsi_num37 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num37\ _DSI -h \
s $WK73_D \
s $WK74_D \
n $LOAD37_D/CU$make_s37\_ $make_e37 &
endif
if ( $dsi_num38 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num38\ _DSI -h \
s $WK75_D \
s $WK76_D \
n $LOAD38_D/CU$make_s38\_ $make_e38 &
endif
if ( $dsi_num39 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num39\ _DSI -h \
s $WK77_D \
s $WK78_D \
n $LOAD39_D/CU$make_s39\_ $make_e39 &
endif
if ( $dsi_num40 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num40\ _DSI -h \
s $WK79_D \
s $WK80_D \
n $LOAD40_D/CU$make_s40\_ $make_e40 &
endif
if ( $dsi_num41 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num41\ _DSI -h \
s $WK81_D \
s $WK82_D \
n $LOAD41_D/CU$make_s41\_ $make_e41 &
endif
if ( $dsi_num42 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num42\ _DSI -h \
s $WK83_D \
s $WK84_D \
n $LOAD42_D/CU$make_s42\_ $make_e42 &
endif
if ( $dsi_num43 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num43\ _DSI -h \
s $WK85_D \
s $WK86_D \
n $LOAD43_D/CU$make_s43\_ $make_e43 &
endif
if ( $dsi_num44 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num44\ _DSI -h \
s $WK87_D \
s $WK88_D \
n $LOAD44_D/CU$make_s44\_ $make_e44 &
endif
if ( $dsi_num45 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num45\ _DSI -h \
s $WK89_D \
s $WK90_D \
n $LOAD45_D/CU$make_s45\_ $make_e45 &
endif
if ( $dsi_num46 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num46\ _DSI -h \
s $WK91_D \
s $WK92_D \
n $LOAD46_D/CU$make_s46\_ $make_e46 &
endif
if ( $dsi_num47 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num47\ _DSI -h \
s $WK93_D \
s $WK94_D \
n $LOAD47_D/CU$make_s47\_ $make_e47 &
endif
if ( $dsi_num48 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num48\ _DSI -h \
s $WK95_D \
s $WK96_D \
n $LOAD48_D/CU$make_s48\_ $make_e48 &
endif
if ( $dsi_num49 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num49\ _DSI -h \
s $WK97_D \
s $WK98_D \
n $LOAD49_D/CU$make_s49\_ $make_e49 &
endif
if ( $dsi_num50 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num50\ _DSI -h \
s $WK99_D \
s $WK100_D \
n $LOAD50_D/CU$make_s50\_ $make_e50 &
endif
if ( $dsi_num51 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num51\ _DSI -h \
s $WK101_D \
s $WK102_D \
n $LOAD51_D/CU$make_s51\_ $make_e51 &
endif
if ( $dsi_num52 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num52\ _DSI -h \
s $WK103_D \
s $WK104_D \
n $LOAD52_D/CU$make_s52\_ $make_e52 &
endif
if ( $dsi_num53 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num53\ _DSI -h \
s $WK105_D \
s $WK106_D \
n $LOAD53_D/CU$make_s53\_ $make_e53 &
endif
if ( $dsi_num54 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num54\ _DSI -h \
s $WK107_D \
s $WK108_D \
n $LOAD54_D/CU$make_s54\_ $make_e54 &
endif
if ( $dsi_num55 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num55\ _DSI -h \
s $WK109_D \
s $WK110_D \
n $LOAD55_D/CU$make_s55\_ $make_e55 &
endif
if ( $dsi_num56 <= 1800 ) then
    timex rdbloader -mi -i
    $RDBDB.CUSTOMER_ $dsi_num56\ _DSI -h \

```


s \$WK111_D \	timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num63\ _DSI -h \	@ make_e21 = \$num * 704 + 231 @ make_s22 = \$num * 704 + 232 @ make_e22 = \$num * 704 + 242 @ make_s23 = \$num * 704 + 243 @ make_e23 = \$num * 704 + 253 @ make_s24 = \$num * 704 + 254 @ make_e24 = \$num * 704 + 264 @ make_s25 = \$num * 704 + 265 @ make_e25 = \$num * 704 + 275 @ make_s26 = \$num * 704 + 276 @ make_e26 = \$num * 704 + 286 @ make_s27 = \$num * 704 + 287 @ make_e27 = \$num * 704 + 297 @ make_s28 = \$num * 704 + 298 @ make_e28 = \$num * 704 + 308 @ make_s29 = \$num * 704 + 309 @ make_e29 = \$num * 704 + 319 @ make_s30 = \$num * 704 + 320 @ make_e30 = \$num * 704 + 330 @ make_s31 = \$num * 704 + 331 @ make_e31 = \$num * 704 + 341 @ make_s32 = \$num * 704 + 342 @ make_e32 = \$num * 704 + 352 @ make_s33 = \$num * 704 + 353 @ make_e33 = \$num * 704 + 363 @ make_s34 = \$num * 704 + 364 @ make_e34 = \$num * 704 + 374 @ make_s35 = \$num * 704 + 375 @ make_e35 = \$num * 704 + 385 @ make_s36 = \$num * 704 + 386 @ make_e36 = \$num * 704 + 396 @ make_s37 = \$num * 704 + 397 @ make_e37 = \$num * 704 + 407 @ make_s38 = \$num * 704 + 408 @ make_e38 = \$num * 704 + 418 @ make_s39 = \$num * 704 + 419 @ make_e39 = \$num * 704 + 429 @ make_s40 = \$num * 704 + 430 @ make_e40 = \$num * 704 + 440 @ make_s41 = \$num * 704 + 441 @ make_e41 = \$num * 704 + 451 @ make_s42 = \$num * 704 + 452 @ make_e42 = \$num * 704 + 462 @ make_s43 = \$num * 704 + 463 @ make_e43 = \$num * 704 + 473 @ make_s44 = \$num * 704 + 474 @ make_e44 = \$num * 704 + 484 @ make_s45 = \$num * 704 + 485 @ make_e45 = \$num * 704 + 495 @ make_s46 = \$num * 704 + 496 @ make_e46 = \$num * 704 + 506 @ make_s47 = \$num * 704 + 507 @ make_e47 = \$num * 704 + 517 @ make_s48 = \$num * 704 + 518 @ make_e48 = \$num * 704 + 528 @ make_s49 = \$num * 704 + 529 @ make_e49 = \$num * 704 + 539 @ make_s50 = \$num * 704 + 540 @ make_e50 = \$num * 704 + 550 @ make_s51 = \$num * 704 + 551 @ make_e51 = \$num * 704 + 561 @ make_s52 = \$num * 704 + 562 @ make_e52 = \$num * 704 + 572 @ make_s53 = \$num * 704 + 573 @ make_e53 = \$num * 704 + 583 @ make_s54 = \$num * 704 + 584 @ make_e54 = \$num * 704 + 594 @ make_s55 = \$num * 704 + 595 @ make_e55 = \$num * 704 + 605
s \$WK112_D \	s \$WK125_D \	
n \$LOAD56_D/CU\$make_s56_ \$make_e56 & endif if (\$dsi_num57 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num57\ _DSI -h \	s \$WK126_D \	
s \$WK113_D \	n \$LOAD63_D/CU\$make_s63_ \$make_e63 & endif if (\$dsi_num64 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num64\ _DSI -h \	
s \$WK114_D \	s \$WK127_D \	
n \$LOAD57_D/CU\$make_s57_ \$make_e57 & endif if (\$dsi_num58 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num58\ _DSI -h \	s \$WK128_D \	
s \$WK115_D \	n \$LOAD64_D/CU\$make_s64_ \$make_e64 & endif end	
s \$WK116_D \	wait rm /rdb/loaddata*/CU* ## HISTORY	
n \$LOAD58_D/CU\$make_s58_ \$make_e58 & endif if (\$dsi_num59 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num59\ _DSI -h \	foreach num (0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28)	
s \$WK117_D \	@ make_s1 = \$num * 704 + 1 @ make_e1 = \$num * 704 + 11 @ make_s2 = \$num * 704 + 12 @ make_e2 = \$num * 704 + 22 @ make_s3 = \$num * 704 + 23 @ make_e3 = \$num * 704 + 33 @ make_s4 = \$num * 704 + 34 @ make_e4 = \$num * 704 + 44 @ make_s5 = \$num * 704 + 45 @ make_e5 = \$num * 704 + 55 @ make_s6 = \$num * 704 + 56 @ make_e6 = \$num * 704 + 66 @ make_s7 = \$num * 704 + 67 @ make_e7 = \$num * 704 + 77 @ make_s8 = \$num * 704 + 78 @ make_e8 = \$num * 704 + 88 @ make_s9 = \$num * 704 + 89 @ make_e9 = \$num * 704 + 99 @ make_s10 = \$num * 704 + 100 @ make_e10 = \$num * 704 + 110 @ make_s11 = \$num * 704 + 111 @ make_e11 = \$num * 704 + 121 @ make_s12 = \$num * 704 + 122 @ make_e12 = \$num * 704 + 132 @ make_s13 = \$num * 704 + 133 @ make_e13 = \$num * 704 + 143 @ make_s14 = \$num * 704 + 144 @ make_e14 = \$num * 704 + 154 @ make_s15 = \$num * 704 + 155 @ make_e15 = \$num * 704 + 165 @ make_s16 = \$num * 704 + 166 @ make_e16 = \$num * 704 + 176 @ make_s17 = \$num * 704 + 177 @ make_e17 = \$num * 704 + 187 @ make_s18 = \$num * 704 + 188 @ make_e18 = \$num * 704 + 198 @ make_s19 = \$num * 704 + 199 @ make_e19 = \$num * 704 + 209 @ make_s20 = \$num * 704 + 210 @ make_e20 = \$num * 704 + 220 @ make_s21 = \$num * 704 + 221	
s \$WK118_D \		
n \$LOAD59_D/CU\$make_s59_ \$make_e59 & endif if (\$dsi_num60 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num60\ _DSI -h \		
s \$WK119_D \		
s \$WK120_D \		
n \$LOAD60_D/CU\$make_s60_ \$make_e60 & endif if (\$dsi_num61 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num61\ _DSI -h \		
s \$WK121_D \		
s \$WK122_D \		
n \$LOAD61_D/CU\$make_s61_ \$make_e61 & endif if (\$dsi_num62 <= 1800) then timex rdbloader -mi -i \$RDBDB.CUSTOMER_ \$dsi_num62\ _DSI -h \		
s \$WK123_D \		
s \$WK124_D \		
n \$LOAD62_D/CU\$make_s62_ \$make_e62 & endif if (\$dsi_num63 <= 1800) then		

```
@ make_s56 = $num * 704 + 606
@ make_e56 = $num * 704 + 616
@ make_s57 = $num * 704 + 617
@ make_e57 = $num * 704 + 627
@ make_s58 = $num * 704 + 628
@ make_e58 = $num * 704 + 638
@ make_s59 = $num * 704 + 639
@ make_e59 = $num * 704 + 649
@ make_s60 = $num * 704 + 650
@ make_e60 = $num * 704 + 660
@ make_s61 = $num * 704 + 661
@ make_e61 = $num * 704 + 671
@ make_s62 = $num * 704 + 672
@ make_e62 = $num * 704 + 682
@ make_s63 = $num * 704 + 683
@ make_e63 = $num * 704 + 693
@ make_s64 = $num * 704 + 694
@ make_e64 = $num * 704 + 704
```

```
@ dsi_num1 = $num * 64 + 1
@ dsi_num2 = $num * 64 + 2
@ dsi_num3 = $num * 64 + 3
@ dsi_num4 = $num * 64 + 4
@ dsi_num5 = $num * 64 + 5
@ dsi_num6 = $num * 64 + 6
@ dsi_num7 = $num * 64 + 7
@ dsi_num8 = $num * 64 + 8
@ dsi_num9 = $num * 64 + 9
@ dsi_num10 = $num * 64 + 10
@ dsi_num11 = $num * 64 + 11
@ dsi_num12 = $num * 64 + 12
@ dsi_num13 = $num * 64 + 13
@ dsi_num14 = $num * 64 + 14
@ dsi_num15 = $num * 64 + 15
@ dsi_num16 = $num * 64 + 16
@ dsi_num17 = $num * 64 + 17
@ dsi_num18 = $num * 64 + 18
@ dsi_num19 = $num * 64 + 19
@ dsi_num20 = $num * 64 + 20
@ dsi_num21 = $num * 64 + 21
@ dsi_num22 = $num * 64 + 22
@ dsi_num23 = $num * 64 + 23
@ dsi_num24 = $num * 64 + 24
@ dsi_num25 = $num * 64 + 25
@ dsi_num26 = $num * 64 + 26
@ dsi_num27 = $num * 64 + 27
@ dsi_num28 = $num * 64 + 28
@ dsi_num29 = $num * 64 + 29
@ dsi_num30 = $num * 64 + 30
@ dsi_num31 = $num * 64 + 31
@ dsi_num32 = $num * 64 + 32
@ dsi_num33 = $num * 64 + 33
@ dsi_num34 = $num * 64 + 34
@ dsi_num35 = $num * 64 + 35
@ dsi_num36 = $num * 64 + 36
@ dsi_num37 = $num * 64 + 37
@ dsi_num38 = $num * 64 + 38
@ dsi_num39 = $num * 64 + 39
@ dsi_num40 = $num * 64 + 40
@ dsi_num41 = $num * 64 + 41
@ dsi_num42 = $num * 64 + 42
@ dsi_num43 = $num * 64 + 43
@ dsi_num44 = $num * 64 + 44
@ dsi_num45 = $num * 64 + 45
@ dsi_num46 = $num * 64 + 46
@ dsi_num47 = $num * 64 + 47
@ dsi_num48 = $num * 64 + 48
@ dsi_num49 = $num * 64 + 49
@ dsi_num50 = $num * 64 + 50
```

```
@ dsi_num51 = $num * 64 + 51
@ dsi_num52 = $num * 64 + 52
@ dsi_num53 = $num * 64 + 53
@ dsi_num54 = $num * 64 + 54
@ dsi_num55 = $num * 64 + 55
@ dsi_num56 = $num * 64 + 56
@ dsi_num57 = $num * 64 + 57
@ dsi_num58 = $num * 64 + 58
@ dsi_num59 = $num * 64 + 59
@ dsi_num60 = $num * 64 + 60
@ dsi_num61 = $num * 64 + 61
@ dsi_num62 = $num * 64 + 62
@ dsi_num63 = $num * 64 + 63
@ dsi_num64 = $num * 64 + 64
wtpccd1_V $LOAD1_D $make_s1
$make_e1 H &
wtpccd1_V $LOAD2_D $make_s2
$make_e2 H &
wtpccd1_V $LOAD3_D $make_s3
$make_e3 H &
wtpccd1_V $LOAD4_D $make_s4
$make_e4 H &
wtpccd1_V $LOAD5_D $make_s5
$make_e5 H &
wtpccd1_V $LOAD6_D $make_s6
$make_e6 H &
wtpccd1_V $LOAD7_D $make_s7
$make_e7 H &
wtpccd1_V $LOAD8_D $make_s8
$make_e8 H &
wtpccd1_V $LOAD9_D $make_s9
$make_e9 H &
wtpccd1_V $LOAD10_D $make_s10
$make_e10 H &
wtpccd1_V $LOAD11_D $make_s11
$make_e11 H &
wtpccd1_V $LOAD12_D $make_s12
$make_e12 H &
wtpccd1_V $LOAD13_D $make_s13
$make_e13 H &
wtpccd1_V $LOAD14_D $make_s14
$make_e14 H &
wtpccd1_V $LOAD15_D $make_s15
$make_e15 H &
wtpccd1_V $LOAD16_D $make_s16
$make_e16 H &
wtpccd1_V $LOAD17_D $make_s17
$make_e17 H &
wtpccd1_V $LOAD18_D $make_s18
$make_e18 H &
wtpccd1_V $LOAD19_D $make_s19
$make_e19 H &
wtpccd1_V $LOAD20_D $make_s20
$make_e20 H &
wtpccd1_V $LOAD21_D $make_s21
$make_e21 H &
wtpccd1_V $LOAD22_D $make_s22
$make_e22 H &
wtpccd1_V $LOAD23_D $make_s23
$make_e23 H &
wtpccd1_V $LOAD24_D $make_s24
$make_e24 H &
wtpccd1_V $LOAD25_D $make_s25
$make_e25 H &
wtpccd1_V $LOAD26_D $make_s26
$make_e26 H &
wtpccd1_V $LOAD27_D $make_s27
$make_e27 H &
```

```
wtpccd1_V $LOAD28_D $make_s28
$make_e28 H &
wtpccd1_V $LOAD29_D $make_s29
$make_e29 H &
wtpccd1_V $LOAD30_D $make_s30
$make_e30 H &
wtpccd1_V $LOAD31_D $make_s31
$make_e31 H &
wtpccd1_V $LOAD32_D $make_s32
$make_e32 H &
wtpccd1_V $LOAD33_D $make_s33
$make_e33 H &
wtpccd1_V $LOAD34_D $make_s34
$make_e34 H &
wtpccd1_V $LOAD35_D $make_s35
$make_e35 H &
wtpccd1_V $LOAD36_D $make_s36
$make_e36 H &
wtpccd1_V $LOAD37_D $make_s37
$make_e37 H &
wtpccd1_V $LOAD38_D $make_s38
$make_e38 H &
wtpccd1_V $LOAD39_D $make_s39
$make_e39 H &
wtpccd1_V $LOAD40_D $make_s40
$make_e40 H &
wtpccd1_V $LOAD41_D $make_s41
$make_e41 H &
wtpccd1_V $LOAD42_D $make_s42
$make_e42 H &
wtpccd1_V $LOAD43_D $make_s43
$make_e43 H &
wtpccd1_V $LOAD44_D $make_s44
$make_e44 H &
wtpccd1_V $LOAD45_D $make_s45
$make_e45 H &
wtpccd1_V $LOAD46_D $make_s46
$make_e46 H &
wtpccd1_V $LOAD47_D $make_s47
$make_e47 H &
wtpccd1_V $LOAD48_D $make_s48
$make_e48 H &
wtpccd1_V $LOAD49_D $make_s49
$make_e49 H &
wtpccd1_V $LOAD50_D $make_s50
$make_e50 H &
wtpccd1_V $LOAD51_D $make_s51
$make_e51 H &
wtpccd1_V $LOAD52_D $make_s52
$make_e52 H &
wtpccd1_V $LOAD53_D $make_s53
$make_e53 H &
wtpccd1_V $LOAD54_D $make_s54
$make_e54 H &
wtpccd1_V $LOAD55_D $make_s55
$make_e55 H &
wtpccd1_V $LOAD56_D $make_s56
$make_e56 H &
wtpccd1_V $LOAD57_D $make_s57
$make_e57 H &
wtpccd1_V $LOAD58_D $make_s58
$make_e58 H &
wtpccd1_V $LOAD59_D $make_s59
$make_e59 H &
wtpccd1_V $LOAD60_D $make_s60
$make_e60 H &
wtpccd1_V $LOAD61_D $make_s61
$make_e61 H &
```

```

wttppcd1_V $LOAD62_D $make_s62
$make_e62 H &
wttppcd1_V $LOAD63_D $make_s63
$make_e63 H &
wttppcd1_V $LOAD64_D $make_s64
$make_e64 H &

wait

if ( $num != 0 ) then

  @ rm_make_s1 = $num * 704 + 1 - 704
  @ rm_make_e1 = $num * 704 + 11 - 704
  @ rm_make_s2 = $num * 704 + 12 - 704
  @ rm_make_e2 = $num * 704 + 22 - 704
  @ rm_make_s3 = $num * 704 + 23 - 704
  @ rm_make_e3 = $num * 704 + 33 - 704
  @ rm_make_s4 = $num * 704 + 34 - 704
  @ rm_make_e4 = $num * 704 + 44 - 704
  @ rm_make_s5 = $num * 704 + 45 - 704
  @ rm_make_e5 = $num * 704 + 55 - 704
  @ rm_make_s6 = $num * 704 + 56 - 704
  @ rm_make_e6 = $num * 704 + 66 - 704
  @ rm_make_s7 = $num * 704 + 67 - 704
  @ rm_make_e7 = $num * 704 + 77 - 704
  @ rm_make_s8 = $num * 704 + 78 - 704
  @ rm_make_e8 = $num * 704 + 88 - 704
  @ rm_make_s9 = $num * 704 + 89 - 704
  @ rm_make_e9 = $num * 704 + 99 - 704
  @ rm_make_s10 = $num * 704 + 100 - 704
  @ rm_make_e10 = $num * 704 + 110 - 704
  @ rm_make_s11 = $num * 704 + 111 - 704
  @ rm_make_e11 = $num * 704 + 121 - 704
  @ rm_make_s12 = $num * 704 + 122 - 704
  @ rm_make_e12 = $num * 704 + 132 - 704
  @ rm_make_s13 = $num * 704 + 133 - 704
  @ rm_make_e13 = $num * 704 + 143 - 704
  @ rm_make_s14 = $num * 704 + 144 - 704
  @ rm_make_e14 = $num * 704 + 154 - 704
  @ rm_make_s15 = $num * 704 + 155 - 704
  @ rm_make_e15 = $num * 704 + 165 - 704
  @ rm_make_s16 = $num * 704 + 166 - 704
  @ rm_make_e16 = $num * 704 + 176 - 704
  @ rm_make_s17 = $num * 704 + 177 - 704
  @ rm_make_e17 = $num * 704 + 187 - 704
  @ rm_make_s18 = $num * 704 + 188 - 704
  @ rm_make_e18 = $num * 704 + 198 - 704
  @ rm_make_s19 = $num * 704 + 199 - 704
  @ rm_make_e19 = $num * 704 + 209 - 704
  @ rm_make_s20 = $num * 704 + 210 - 704
  @ rm_make_e20 = $num * 704 + 220 - 704
  @ rm_make_s21 = $num * 704 + 221 - 704
  @ rm_make_e21 = $num * 704 + 231 - 704
  @ rm_make_s22 = $num * 704 + 232 - 704
  @ rm_make_e22 = $num * 704 + 242 - 704
  @ rm_make_s23 = $num * 704 + 243 - 704
  @ rm_make_e23 = $num * 704 + 253 - 704
  @ rm_make_s24 = $num * 704 + 254 - 704
  @ rm_make_e24 = $num * 704 + 264 - 704
  @ rm_make_s25 = $num * 704 + 265 - 704
  @ rm_make_e25 = $num * 704 + 275 - 704
  @ rm_make_s26 = $num * 704 + 276 - 704
  @ rm_make_e26 = $num * 704 + 286 - 704
  @ rm_make_s27 = $num * 704 + 287 - 704
  @ rm_make_e27 = $num * 704 + 297 - 704
  @ rm_make_s28 = $num * 704 + 298 - 704
  @ rm_make_e28 = $num * 704 + 308 - 704
  @ rm_make_s29 = $num * 704 + 309 - 704
  @ rm_make_e29 = $num * 704 + 319 - 704

```

```

@ rm_make_s30 = $num * 704 + 320 - 704
@ rm_make_e30 = $num * 704 + 330 - 704
@ rm_make_s31 = $num * 704 + 331 - 704
@ rm_make_e31 = $num * 704 + 341 - 704
@ rm_make_s32 = $num * 704 + 342 - 704
@ rm_make_e32 = $num * 704 + 352 - 704
@ rm_make_s33 = $num * 704 + 353 - 704
@ rm_make_e33 = $num * 704 + 363 - 704
@ rm_make_s34 = $num * 704 + 364 - 704
@ rm_make_e34 = $num * 704 + 374 - 704
@ rm_make_s35 = $num * 704 + 375 - 704
@ rm_make_e35 = $num * 704 + 385 - 704
@ rm_make_s36 = $num * 704 + 386 - 704
@ rm_make_e36 = $num * 704 + 396 - 704
@ rm_make_s37 = $num * 704 + 397 - 704
@ rm_make_e37 = $num * 704 + 407 - 704
@ rm_make_s38 = $num * 704 + 408 - 704
@ rm_make_e38 = $num * 704 + 418 - 704
@ rm_make_s39 = $num * 704 + 419 - 704
@ rm_make_e39 = $num * 704 + 429 - 704
@ rm_make_s40 = $num * 704 + 430 - 704
@ rm_make_e40 = $num * 704 + 440 - 704
@ rm_make_s41 = $num * 704 + 441 - 704
@ rm_make_e41 = $num * 704 + 451 - 704
@ rm_make_s42 = $num * 704 + 452 - 704
@ rm_make_e42 = $num * 704 + 462 - 704
@ rm_make_s43 = $num * 704 + 463 - 704
@ rm_make_e43 = $num * 704 + 473 - 704
@ rm_make_s44 = $num * 704 + 474 - 704
@ rm_make_e44 = $num * 704 + 484 - 704
@ rm_make_s45 = $num * 704 + 485 - 704
@ rm_make_e45 = $num * 704 + 495 - 704
@ rm_make_s46 = $num * 704 + 496 - 704
@ rm_make_e46 = $num * 704 + 506 - 704
@ rm_make_s47 = $num * 704 + 507 - 704
@ rm_make_e47 = $num * 704 + 517 - 704
@ rm_make_s48 = $num * 704 + 518 - 704
@ rm_make_e48 = $num * 704 + 528 - 704
@ rm_make_s49 = $num * 704 + 529 - 704
@ rm_make_e49 = $num * 704 + 539 - 704
@ rm_make_s50 = $num * 704 + 540 - 704
@ rm_make_e50 = $num * 704 + 550 - 704
@ rm_make_s51 = $num * 704 + 551 - 704
@ rm_make_e51 = $num * 704 + 561 - 704
@ rm_make_s52 = $num * 704 + 562 - 704
@ rm_make_e52 = $num * 704 + 572 - 704
@ rm_make_s53 = $num * 704 + 573 - 704
@ rm_make_e53 = $num * 704 + 583 - 704
@ rm_make_s54 = $num * 704 + 584 - 704
@ rm_make_e54 = $num * 704 + 594 - 704
@ rm_make_s55 = $num * 704 + 595 - 704
@ rm_make_e55 = $num * 704 + 605 - 704
@ rm_make_s56 = $num * 704 + 606 - 704
@ rm_make_e56 = $num * 704 + 616 - 704
@ rm_make_s57 = $num * 704 + 617 - 704
@ rm_make_e57 = $num * 704 + 627 - 704
@ rm_make_s58 = $num * 704 + 628 - 704
@ rm_make_e58 = $num * 704 + 638 - 704
@ rm_make_s59 = $num * 704 + 639 - 704
@ rm_make_e59 = $num * 704 + 649 - 704
@ rm_make_s60 = $num * 704 + 650 - 704
@ rm_make_e60 = $num * 704 + 660 - 704
@ rm_make_s61 = $num * 704 + 661 - 704
@ rm_make_e61 = $num * 704 + 671 - 704
@ rm_make_s62 = $num * 704 + 672 - 704
@ rm_make_e62 = $num * 704 + 682 - 704
@ rm_make_s63 = $num * 704 + 683 - 704
@ rm_make_e63 = $num * 704 + 693 - 704
@ rm_make_s64 = $num * 704 + 694 - 704

```

```

@ rm_make_e64 = $num * 704 + 704 - 704
rm
LOAD1_D/HI$rm_make_s1\_rm_make_e1
rm
LOAD2_D/HI$rm_make_s2\_rm_make_e2
rm
LOAD3_D/HI$rm_make_s3\_rm_make_e3
rm
LOAD4_D/HI$rm_make_s4\_rm_make_e4
rm
LOAD5_D/HI$rm_make_s5\_rm_make_e5
rm
LOAD6_D/HI$rm_make_s6\_rm_make_e6
rm
LOAD7_D/HI$rm_make_s7\_rm_make_e7
rm
LOAD8_D/HI$rm_make_s8\_rm_make_e8
rm
LOAD9_D/HI$rm_make_s9\_rm_make_e9
rm
LOAD10_D/HI$rm_make_s10\_rm_make_e10
rm
LOAD11_D/HI$rm_make_s11\_rm_make_e11
rm
LOAD12_D/HI$rm_make_s12\_rm_make_e12
rm
LOAD13_D/HI$rm_make_s13\_rm_make_e13
rm
LOAD14_D/HI$rm_make_s14\_rm_make_e14
rm
LOAD15_D/HI$rm_make_s15\_rm_make_e15
rm
LOAD16_D/HI$rm_make_s16\_rm_make_e16
rm
LOAD17_D/HI$rm_make_s17\_rm_make_e17
rm
LOAD18_D/HI$rm_make_s18\_rm_make_e18
rm
LOAD19_D/HI$rm_make_s19\_rm_make_e19
rm
LOAD20_D/HI$rm_make_s20\_rm_make_e20
rm
LOAD21_D/HI$rm_make_s21\_rm_make_e21
rm
LOAD22_D/HI$rm_make_s22\_rm_make_e22
rm
LOAD23_D/HI$rm_make_s23\_rm_make_e23
rm
LOAD24_D/HI$rm_make_s24\_rm_make_e24
rm
LOAD25_D/HI$rm_make_s25\_rm_make_e25
rm
LOAD26_D/HI$rm_make_s26\_rm_make_e26
rm
LOAD27_D/HI$rm_make_s27\_rm_make_e27
rm
LOAD28_D/HI$rm_make_s28\_rm_make_e28
rm
LOAD29_D/HI$rm_make_s29\_rm_make_e29
rm
LOAD30_D/HI$rm_make_s30\_rm_make_e30
rm
LOAD31_D/HI$rm_make_s31\_rm_make_e31
rm
LOAD32_D/HI$rm_make_s32\_rm_make_e32
rm
LOAD33_D/HI$rm_make_s33\_rm_make_e33
rm
LOAD34_D/HI$rm_make_s34\_rm_make_e34

```

rm		
\$LOAD35_D/Hi\$rm_make_s35_rm_make_e35	n \$LOAD1_D/Hi\$make_s1_make_e1 &	s \$WK16_D \
rm	endif	
\$LOAD36_D/Hi\$rm_make_s36_rm_make_e36	if (\$dsi_num2 <= 1800) then	n \$LOAD8_D/Hi\$make_s8_make_e8 &
rm	timex rdbloader -mi -i	endif
\$LOAD37_D/Hi\$rm_make_s37_rm_make_e37	\$RDBDB.HISTORY_\$dsi_num2_DSI \	if (\$dsi_num9 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD38_D/Hi\$rm_make_s38_rm_make_e38	s \$WK3_D \	\$RDBDB.HISTORY_\$dsi_num9_DSI \
rm		
\$LOAD39_D/Hi\$rm_make_s39_rm_make_e39	s \$WK4_D \	s \$WK17_D \
rm		
\$LOAD40_D/Hi\$rm_make_s40_rm_make_e40	n \$LOAD2_D/Hi\$make_s2_make_e2 &	s \$WK18_D \
rm	endif	
\$LOAD41_D/Hi\$rm_make_s41_rm_make_e41	if (\$dsi_num3 <= 1800) then	n \$LOAD9_D/Hi\$make_s9_make_e9 &
rm	timex rdbloader -mi -i	endif
\$LOAD42_D/Hi\$rm_make_s42_rm_make_e42	\$RDBDB.HISTORY_\$dsi_num3_DSI \	if (\$dsi_num10 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD43_D/Hi\$rm_make_s43_rm_make_e43	s \$WK5_D \	\$RDBDB.HISTORY_\$dsi_num10_DSI \
rm		
\$LOAD44_D/Hi\$rm_make_s44_rm_make_e44	s \$WK6_D \	s \$WK19_D \
rm		
\$LOAD45_D/Hi\$rm_make_s45_rm_make_e45	n \$LOAD3_D/Hi\$make_s3_make_e3 &	s \$WK20_D \
rm	endif	
\$LOAD46_D/Hi\$rm_make_s46_rm_make_e46	if (\$dsi_num4 <= 1800) then	n \$LOAD10_D/Hi\$make_s10_make_e10 &
rm	timex rdbloader -mi -i	endif
\$LOAD47_D/Hi\$rm_make_s47_rm_make_e47	\$RDBDB.HISTORY_\$dsi_num4_DSI \	if (\$dsi_num11 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD48_D/Hi\$rm_make_s48_rm_make_e48	s \$WK7_D \	\$RDBDB.HISTORY_\$dsi_num11_DSI \
rm		
\$LOAD49_D/Hi\$rm_make_s49_rm_make_e49	s \$WK8_D \	s \$WK21_D \
rm		
\$LOAD50_D/Hi\$rm_make_s50_rm_make_e50	n \$LOAD4_D/Hi\$make_s4_make_e4 &	s \$WK22_D \
rm	endif	
\$LOAD51_D/Hi\$rm_make_s51_rm_make_e51	if (\$dsi_num5 <= 1800) then	n \$LOAD11_D/Hi\$make_s11_make_e11 &
rm	timex rdbloader -mi -i	endif
\$LOAD52_D/Hi\$rm_make_s52_rm_make_e52	\$RDBDB.HISTORY_\$dsi_num5_DSI \	if (\$dsi_num12 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD53_D/Hi\$rm_make_s53_rm_make_e53	s \$WK9_D \	\$RDBDB.HISTORY_\$dsi_num12_DSI \
rm		
\$LOAD54_D/Hi\$rm_make_s54_rm_make_e54	s \$WK10_D \	s \$WK23_D \
rm		
\$LOAD55_D/Hi\$rm_make_s55_rm_make_e55	n \$LOAD5_D/Hi\$make_s5_make_e5 &	s \$WK24_D \
rm	endif	
\$LOAD56_D/Hi\$rm_make_s56_rm_make_e56	if (\$dsi_num6 <= 1800) then	n \$LOAD12_D/Hi\$make_s12_make_e12 &
rm	timex rdbloader -mi -i	endif
\$LOAD57_D/Hi\$rm_make_s57_rm_make_e57	\$RDBDB.HISTORY_\$dsi_num6_DSI \	if (\$dsi_num13 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD58_D/Hi\$rm_make_s58_rm_make_e58	s \$WK11_D \	\$RDBDB.HISTORY_\$dsi_num13_DSI \
rm		
\$LOAD59_D/Hi\$rm_make_s59_rm_make_e59	s \$WK12_D \	s \$WK25_D \
rm		
\$LOAD60_D/Hi\$rm_make_s60_rm_make_e60	n \$LOAD6_D/Hi\$make_s6_make_e6 &	s \$WK26_D \
rm	endif	
\$LOAD61_D/Hi\$rm_make_s61_rm_make_e61	if (\$dsi_num7 <= 1800) then	n \$LOAD13_D/Hi\$make_s13_make_e13 &
rm	timex rdbloader -mi -i	endif
\$LOAD62_D/Hi\$rm_make_s62_rm_make_e62	\$RDBDB.HISTORY_\$dsi_num7_DSI \	if (\$dsi_num14 <= 1800) then
rm		timex rdbloader -mi -i
\$LOAD63_D/Hi\$rm_make_s63_rm_make_e63	s \$WK13_D \	\$RDBDB.HISTORY_\$dsi_num14_DSI \
rm		
\$LOAD64_D/Hi\$rm_make_s64_rm_make_e64	s \$WK14_D \	s \$WK27_D \
endif		
	n \$LOAD7_D/Hi\$make_s7_make_e7 &	s \$WK28_D \
	endif	
if (\$dsi_num1 <= 1800) then	if (\$dsi_num8 <= 1800) then	n \$LOAD14_D/Hi\$make_s14_make_e14 &
timex rdbloader -mi -i	timex rdbloader -mi -i	endif
\$RDBDB.HISTORY_\$dsi_num1_DSI \	\$RDBDB.HISTORY_\$dsi_num8_DSI \	if (\$dsi_num15 <= 1800) then
		timex rdbloader -mi -i
s \$WK1_D \	s \$WK15_D \	\$RDBDB.HISTORY_\$dsi_num15_DSI \
s \$WK2_D \		

s \$WK29_D \	timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num22)_DSI \	if (\$(dsi_num29 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num29)_DSI \
s \$WK30_D \	s \$WK43_D \	s \$WK57_D \
n \$LOAD15_D/HI\$make_s15_\$make_e15 & endif if (\$(dsi_num16 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num16)_DSI \	s \$WK44_D \	s \$WK58_D \
s \$WK31_D \	n \$LOAD22_D/HI\$make_s22_\$make_e22 & endif if (\$(dsi_num23 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num23)_DSI \	n \$LOAD29_D/HI\$make_s29_\$make_e29 & endif if (\$(dsi_num30 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num30)_DSI \
s \$WK32_D \	s \$WK45_D \	s \$WK59_D \
n \$LOAD16_D/HI\$make_s16_\$make_e16 & endif if (\$(dsi_num17 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num17)_DSI \	s \$WK46_D \	s \$WK60_D \
s \$WK33_D \	n \$LOAD23_D/HI\$make_s23_\$make_e23 & endif if (\$(dsi_num24 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num24)_DSI \	n \$LOAD30_D/HI\$make_s30_\$make_e30 & endif if (\$(dsi_num31 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num31)_DSI \
s \$WK34_D \	s \$WK47_D \	s \$WK61_D \
n \$LOAD17_D/HI\$make_s17_\$make_e17 & endif if (\$(dsi_num18 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num18)_DSI \	s \$WK48_D \	s \$WK62_D \
s \$WK35_D \	n \$LOAD24_D/HI\$make_s24_\$make_e24 & endif if (\$(dsi_num25 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num25)_DSI \	n \$LOAD31_D/HI\$make_s31_\$make_e31 & endif if (\$(dsi_num32 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num32)_DSI \
s \$WK36_D \	s \$WK49_D \	s \$WK63_D \
n \$LOAD18_D/HI\$make_s18_\$make_e18 & endif if (\$(dsi_num19 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num19)_DSI \	s \$WK50_D \	s \$WK64_D \
s \$WK37_D \	n \$LOAD25_D/HI\$make_s25_\$make_e25 & endif if (\$(dsi_num26 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num26)_DSI \	n \$LOAD32_D/HI\$make_s32_\$make_e32 & endif if (\$(dsi_num33 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num33)_DSI \
s \$WK38_D \	s \$WK51_D \	s \$WK65_D \
n \$LOAD19_D/HI\$make_s19_\$make_e19 & endif if (\$(dsi_num20 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num20)_DSI \	s \$WK52_D \	s \$WK66_D \
s \$WK39_D \	n \$LOAD26_D/HI\$make_s26_\$make_e26 & endif if (\$(dsi_num27 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num27)_DSI \	n \$LOAD33_D/HI\$make_s33_\$make_e33 & endif if (\$(dsi_num34 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num34)_DSI \
s \$WK40_D \	s \$WK53_D \	s \$WK67_D \
n \$LOAD20_D/HI\$make_s20_\$make_e20 & endif if (\$(dsi_num21 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num21)_DSI \	s \$WK54_D \	s \$WK68_D \
s \$WK41_D \	n \$LOAD27_D/HI\$make_s27_\$make_e27 & endif if (\$(dsi_num28 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num28)_DSI \	n \$LOAD34_D/HI\$make_s34_\$make_e34 & endif if (\$(dsi_num35 <= 1800) then timex rdbloader -mi -i \$RDBDB.HISTORY_\$(dsi_num35)_DSI \
s \$WK42_D \	s \$WK55_D \	s \$WK69_D \
n \$LOAD21_D/HI\$make_s21_\$make_e21 & endif if (\$(dsi_num22 <= 1800) then	s \$WK56_D \	s \$WK70_D \
endif	n \$LOAD28_D/HI\$make_s28_\$make_e28 & endif	n \$LOAD35_D/HI\$make_s35_\$make_e35 &

```

endif
if ($dsi_num36 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num36)_DSI \
-
s $WK71_D \
-
s $WK72_D \
-
n $LOAD36_D/HI$make_s36_$make_e36 &
endif
if ($dsi_num37 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num37)_DSI \
-
s $WK73_D \
-
s $WK74_D \
-
n $LOAD37_D/HI$make_s37_$make_e37 &
endif
if ($dsi_num38 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num38)_DSI \
-
s $WK75_D \
-
s $WK76_D \
-
n $LOAD38_D/HI$make_s38_$make_e38 &
endif
if ($dsi_num39 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num39)_DSI \
-
s $WK77_D \
-
s $WK78_D \
-
n $LOAD39_D/HI$make_s39_$make_e39 &
endif
if ($dsi_num40 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num40)_DSI \
-
s $WK79_D \
-
s $WK80_D \
-
n $LOAD40_D/HI$make_s40_$make_e40 &
endif
if ($dsi_num41 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num41)_DSI \
-
s $WK81_D \
-
s $WK82_D \
-
n $LOAD41_D/HI$make_s41_$make_e41 &
endif
if ($dsi_num42 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num42)_DSI \
-
s $WK83_D \
-
s $WK84_D \
-
n $LOAD42_D/HI$make_s42_$make_e42 &
endif
if ($dsi_num43 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num43)_DSI \
-
s $WK85_D \
-
s $WK86_D \
-
n $LOAD43_D/HI$make_s43_$make_e43 &
endif
if ($dsi_num44 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num44)_DSI \
-
s $WK87_D \
-
s $WK88_D \
-
n $LOAD44_D/HI$make_s44_$make_e44 &
endif
if ($dsi_num45 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num45)_DSI \
-
s $WK89_D \
-
s $WK90_D \
-
n $LOAD45_D/HI$make_s45_$make_e45 &
endif
if ($dsi_num46 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num46)_DSI \
-
s $WK91_D \
-
s $WK92_D \
-
n $LOAD46_D/HI$make_s46_$make_e46 &
endif
if ($dsi_num47 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num47)_DSI \
-
s $WK93_D \
-
s $WK94_D \
-
n $LOAD47_D/HI$make_s47_$make_e47 &
endif
if ($dsi_num48 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num48)_DSI \
-
s $WK95_D \
-
s $WK96_D \
-
n $LOAD48_D/HI$make_s48_$make_e48 &
endif
if ($dsi_num49 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num49)_DSI \
-
s $WK97_D \
-
s $WK98_D \
-
n $LOAD49_D/HI$make_s49_$make_e49 &
endif
if ($dsi_num50 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num50)_DSI \
-
s $WK99_D \
-
s $WK100_D \
-
n $LOAD50_D/HI$make_s50_$make_e50 &
endif
if ($dsi_num51 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num51)_DSI \
-
s $WK101_D \
-
s $WK102_D \
-
n $LOAD51_D/HI$make_s51_$make_e51 &
endif
if ($dsi_num52 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num52)_DSI \
-
s $WK103_D \
-
s $WK104_D \
-
n $LOAD52_D/HI$make_s52_$make_e52 &
endif
if ($dsi_num53 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num53)_DSI \
-
s $WK105_D \
-
s $WK106_D \
-
n $LOAD53_D/HI$make_s53_$make_e53 &
endif
if ($dsi_num54 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num54)_DSI \
-
s $WK107_D \
-
s $WK108_D \
-
n $LOAD54_D/HI$make_s54_$make_e54 &
endif
if ($dsi_num55 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num55)_DSI \
-
s $WK109_D \
-
s $WK110_D \
-
n $LOAD55_D/HI$make_s55_$make_e55 &
endif
if ($dsi_num56 <= 1800) then
  timex rdbloader -mi -i
  $RDBDB.HISTORY_$(dsi_num56)_DSI \
-

```

s \$WK111_D \	timex rdbloader -mi -i	@ make_s22 = \$num * 2816 + 925
s \$WK112_D \	\$RDBDB.HISTORY_\$_dsi_num63_DSI \	@ make_e22 = \$num * 2816 + 968
n \$LOAD56_D/HI\$make_s56_make_e56 & endif	s \$WK125_D \	@ make_s23 = \$num * 2816 + 969
if (\$dsi_num57 <= 1800) then	s \$WK126_D \	@ make_e23 = \$num * 2816 + 1012
timex rdbloader -mi -i	n \$LOAD63_D/HI\$make_s63_make_e63 & endif	@ make_s24 = \$num * 2816 + 1013
\$RDBDB.HISTORY_\$_dsi_num57_DSI \	if (\$dsi_num64 <= 1800) then	@ make_e24 = \$num * 2816 + 1056
s \$WK113_D \	timex rdbloader -mi -i	@ make_s25 = \$num * 2816 + 1057
s \$WK114_D \	\$RDBDB.HISTORY_\$_dsi_num64_DSI \	@ make_e25 = \$num * 2816 + 1100
n \$LOAD57_D/HI\$make_s57_make_e57 & endif	s \$WK127_D \	@ make_s26 = \$num * 2816 + 1101
if (\$dsi_num58 <= 1800) then	s \$WK128_D \	@ make_e26 = \$num * 2816 + 1144
timex rdbloader -mi -i	n \$LOAD64_D/HI\$make_s64_make_e64 & endif	@ make_s27 = \$num * 2816 + 1145
\$RDBDB.HISTORY_\$_dsi_num58_DSI \	end	@ make_e27 = \$num * 2816 + 1188
s \$WK115_D \	wait	@ make_s28 = \$num * 2816 + 1189
s \$WK116_D \	rm /rdb/loaddata*/HI*	@ make_e28 = \$num * 2816 + 1232
n \$LOAD58_D/HI\$make_s58_make_e58 & endif	## STOCK	@ make_s29 = \$num * 2816 + 1233
if (\$dsi_num59 <= 1800) then	foreach num (0 1 2 3)	@ make_e29 = \$num * 2816 + 1276
timex rdbloader -mi -i	@ make_s1 = \$num * 2816 + 1	@ make_s30 = \$num * 2816 + 1277
\$RDBDB.HISTORY_\$_dsi_num59_DSI \	@ make_e1 = \$num * 2816 + 44	@ make_e30 = \$num * 2816 + 1320
s \$WK117_D \	@ make_s2 = \$num * 2816 + 45	@ make_s31 = \$num * 2816 + 1321
s \$WK118_D \	@ make_e2 = \$num * 2816 + 88	@ make_e31 = \$num * 2816 + 1364
n \$LOAD59_D/HI\$make_s59_make_e59 & endif	@ make_s3 = \$num * 2816 + 89	@ make_s32 = \$num * 2816 + 1365
if (\$dsi_num60 <= 1800) then	@ make_e3 = \$num * 2816 + 132	@ make_e32 = \$num * 2816 + 1408
timex rdbloader -mi -i	@ make_s4 = \$num * 2816 + 133	@ make_s33 = \$num * 2816 + 1409
\$RDBDB.HISTORY_\$_dsi_num60_DSI \	@ make_e4 = \$num * 2816 + 176	@ make_e33 = \$num * 2816 + 1452
s \$WK119_D \	@ make_s5 = \$num * 2816 + 177	@ make_s34 = \$num * 2816 + 1453
s \$WK120_D \	@ make_e5 = \$num * 2816 + 220	@ make_e34 = \$num * 2816 + 1496
n \$LOAD60_D/HI\$make_s60_make_e60 & endif	@ make_s6 = \$num * 2816 + 221	@ make_s35 = \$num * 2816 + 1497
if (\$dsi_num61 <= 1800) then	@ make_e6 = \$num * 2816 + 264	@ make_e35 = \$num * 2816 + 1540
timex rdbloader -mi -i	@ make_s7 = \$num * 2816 + 265	@ make_s36 = \$num * 2816 + 1541
\$RDBDB.HISTORY_\$_dsi_num61_DSI \	@ make_e7 = \$num * 2816 + 308	@ make_e36 = \$num * 2816 + 1584
s \$WK121_D \	@ make_s8 = \$num * 2816 + 309	@ make_s37 = \$num * 2816 + 1585
s \$WK122_D \	@ make_e8 = \$num * 2816 + 352	@ make_e37 = \$num * 2816 + 1628
n \$LOAD61_D/HI\$make_s61_make_e61 & endif	@ make_s9 = \$num * 2816 + 353	@ make_s38 = \$num * 2816 + 1629
if (\$dsi_num62 <= 1800) then	@ make_e9 = \$num * 2816 + 396	@ make_e38 = \$num * 2816 + 1672
timex rdbloader -mi -i	@ make_s10 = \$num * 2816 + 397	@ make_s39 = \$num * 2816 + 1673
\$RDBDB.HISTORY_\$_dsi_num62_DSI \	@ make_e10 = \$num * 2816 + 440	@ make_e39 = \$num * 2816 + 1716
s \$WK123_D \	@ make_s11 = \$num * 2816 + 441	@ make_s40 = \$num * 2816 + 1717
s \$WK124_D \	@ make_e11 = \$num * 2816 + 484	@ make_e40 = \$num * 2816 + 1760
n \$LOAD62_D/HI\$make_s62_make_e62 & endif	@ make_s12 = \$num * 2816 + 485	@ make_s41 = \$num * 2816 + 1761
if (\$dsi_num63 <= 1800) then	@ make_e12 = \$num * 2816 + 528	@ make_e41 = \$num * 2816 + 1804
timex rdbloader -mi -i	@ make_s13 = \$num * 2816 + 529	@ make_s42 = \$num * 2816 + 1805
\$RDBDB.HISTORY_\$_dsi_num63_DSI \	@ make_e13 = \$num * 2816 + 572	@ make_e42 = \$num * 2816 + 1848
s \$WK125_D \	@ make_s14 = \$num * 2816 + 573	@ make_s43 = \$num * 2816 + 1849
s \$WK126_D \	@ make_e14 = \$num * 2816 + 616	@ make_e43 = \$num * 2816 + 1892
n \$LOAD63_D/HI\$make_s63_make_e63 & endif	@ make_s15 = \$num * 2816 + 617	@ make_s44 = \$num * 2816 + 1893
if (\$dsi_num64 <= 1800) then	@ make_e15 = \$num * 2816 + 660	@ make_e44 = \$num * 2816 + 1936
timex rdbloader -mi -i	@ make_s16 = \$num * 2816 + 661	@ make_s45 = \$num * 2816 + 1937
\$RDBDB.HISTORY_\$_dsi_num64_DSI \	@ make_e16 = \$num * 2816 + 704	@ make_e45 = \$num * 2816 + 1980
s \$WK127_D \	@ make_s17 = \$num * 2816 + 705	@ make_s46 = \$num * 2816 + 1981
s \$WK128_D \	@ make_e17 = \$num * 2816 + 748	@ make_e46 = \$num * 2816 + 2024
n \$LOAD64_D/HI\$make_s64_make_e64 & endif	@ make_s18 = \$num * 2816 + 749	@ make_s47 = \$num * 2816 + 2025
if (\$dsi_num65 <= 1800) then	@ make_e18 = \$num * 2816 + 792	@ make_e47 = \$num * 2816 + 2068
timex rdbloader -mi -i	@ make_s19 = \$num * 2816 + 793	@ make_s48 = \$num * 2816 + 2069
\$RDBDB.HISTORY_\$_dsi_num65_DSI \	@ make_e19 = \$num * 2816 + 836	@ make_e48 = \$num * 2816 + 2112
s \$WK129_D \	@ make_s20 = \$num * 2816 + 837	@ make_s49 = \$num * 2816 + 2113
s \$WK130_D \	@ make_e20 = \$num * 2816 + 880	@ make_e49 = \$num * 2816 + 2156
n \$LOAD65_D/HI\$make_s65_make_e65 & endif	@ make_s21 = \$num * 2816 + 881	@ make_s50 = \$num * 2816 + 2157
if (\$dsi_num66 <= 1800) then	@ make_e21 = \$num * 2816 + 924	@ make_e50 = \$num * 2816 + 2200
timex rdbloader -mi -i		@ make_s51 = \$num * 2816 + 2201
\$RDBDB.HISTORY_\$_dsi_num66_DSI \		@ make_e51 = \$num * 2816 + 2244
s \$WK131_D \		@ make_s52 = \$num * 2816 + 2245
s \$WK132_D \		@ make_e52 = \$num * 2816 + 2288
n \$LOAD66_D/HI\$make_s66_make_e66 & endif		@ make_s53 = \$num * 2816 + 2289
if (\$dsi_num67 <= 1800) then		@ make_e53 = \$num * 2816 + 2332
timex rdbloader -mi -i		@ make_s54 = \$num * 2816 + 2333
\$RDBDB.HISTORY_\$_dsi_num67_DSI \		@ make_e54 = \$num * 2816 + 2376
s \$WK133_D \		@ make_s55 = \$num * 2816 + 2377
s \$WK134_D \		@ make_e55 = \$num * 2816 + 2420
n \$LOAD67_D/HI\$make_s67_make_e67 & endif		@ make_s56 = \$num * 2816 + 2421
if (\$dsi_num68 <= 1800) then		
timex rdbloader -mi -i		
\$RDBDB.HISTORY_\$_dsi_num68_DSI \		

```

@ make_e56 = $num * 2816 + 2464
@ make_s57 = $num * 2816 + 2465
@ make_e57 = $num * 2816 + 2508
@ make_s58 = $num * 2816 + 2509
@ make_e58 = $num * 2816 + 2552
@ make_s59 = $num * 2816 + 2553
@ make_e59 = $num * 2816 + 2596
@ make_s60 = $num * 2816 + 2597
@ make_e60 = $num * 2816 + 2640
@ make_s61 = $num * 2816 + 2641
@ make_e61 = $num * 2816 + 2684
@ make_s62 = $num * 2816 + 2685
@ make_e62 = $num * 2816 + 2728
@ make_s63 = $num * 2816 + 2729
@ make_e63 = $num * 2816 + 2772
@ make_s64 = $num * 2816 + 2773
@ make_e64 = $num * 2816 + 2816

```

```

@ dsi_num1 = $num * 64 + 1
@ dsi_num2 = $num * 64 + 2
@ dsi_num3 = $num * 64 + 3
@ dsi_num4 = $num * 64 + 4
@ dsi_num5 = $num * 64 + 5
@ dsi_num6 = $num * 64 + 6
@ dsi_num7 = $num * 64 + 7
@ dsi_num8 = $num * 64 + 8
@ dsi_num9 = $num * 64 + 9
@ dsi_num10 = $num * 64 + 10
@ dsi_num11 = $num * 64 + 11
@ dsi_num12 = $num * 64 + 12
@ dsi_num13 = $num * 64 + 13
@ dsi_num14 = $num * 64 + 14
@ dsi_num15 = $num * 64 + 15
@ dsi_num16 = $num * 64 + 16
@ dsi_num17 = $num * 64 + 17
@ dsi_num18 = $num * 64 + 18
@ dsi_num19 = $num * 64 + 19
@ dsi_num20 = $num * 64 + 20
@ dsi_num21 = $num * 64 + 21
@ dsi_num22 = $num * 64 + 22
@ dsi_num23 = $num * 64 + 23
@ dsi_num24 = $num * 64 + 24
@ dsi_num25 = $num * 64 + 25
@ dsi_num26 = $num * 64 + 26
@ dsi_num27 = $num * 64 + 27
@ dsi_num28 = $num * 64 + 28
@ dsi_num29 = $num * 64 + 29
@ dsi_num30 = $num * 64 + 30
@ dsi_num31 = $num * 64 + 31
@ dsi_num32 = $num * 64 + 32
@ dsi_num33 = $num * 64 + 33
@ dsi_num34 = $num * 64 + 34
@ dsi_num35 = $num * 64 + 35
@ dsi_num36 = $num * 64 + 36
@ dsi_num37 = $num * 64 + 37
@ dsi_num38 = $num * 64 + 38
@ dsi_num39 = $num * 64 + 39
@ dsi_num40 = $num * 64 + 40
@ dsi_num41 = $num * 64 + 41
@ dsi_num42 = $num * 64 + 42
@ dsi_num43 = $num * 64 + 43
@ dsi_num44 = $num * 64 + 44
@ dsi_num45 = $num * 64 + 45
@ dsi_num46 = $num * 64 + 46
@ dsi_num47 = $num * 64 + 47
@ dsi_num48 = $num * 64 + 48
@ dsi_num49 = $num * 64 + 49
@ dsi_num50 = $num * 64 + 50
@ dsi_num51 = $num * 64 + 51

```

```

@ dsi_num52 = $num * 64 + 52
@ dsi_num53 = $num * 64 + 53
@ dsi_num54 = $num * 64 + 54
@ dsi_num55 = $num * 64 + 55
@ dsi_num56 = $num * 64 + 56
@ dsi_num57 = $num * 64 + 57
@ dsi_num58 = $num * 64 + 58
@ dsi_num59 = $num * 64 + 59
@ dsi_num60 = $num * 64 + 60
@ dsi_num61 = $num * 64 + 61
@ dsi_num62 = $num * 64 + 62
@ dsi_num63 = $num * 64 + 63
@ dsi_num64 = $num * 64 + 64
wtpccd1_V $WLOAD1_D $make_s1
$make_e1 S &
wtpccd1_V $WLOAD2_D $make_s2
$make_e2 S &
wtpccd1_V $WLOAD3_D $make_s3
$make_e3 S &
wtpccd1_V $WLOAD4_D $make_s4
$make_e4 S &
wtpccd1_V $WLOAD5_D $make_s5
$make_e5 S &
wtpccd1_V $WLOAD6_D $make_s6
$make_e6 S &
wtpccd1_V $WLOAD7_D $make_s7
$make_e7 S &
wtpccd1_V $WLOAD8_D $make_s8
$make_e8 S &
wtpccd1_V $WLOAD9_D $make_s9
$make_e9 S &
wtpccd1_V $WLOAD10_D $make_s10
$make_e10 S &
wtpccd1_V $WLOAD11_D $make_s11
$make_e11 S &
wtpccd1_V $WLOAD12_D $make_s12
$make_e12 S &
wtpccd1_V $WLOAD13_D $make_s13
$make_e13 S &
wtpccd1_V $WLOAD14_D $make_s14
$make_e14 S &
wtpccd1_V $WLOAD15_D $make_s15
$make_e15 S &
wtpccd1_V $WLOAD16_D $make_s16
$make_e16 S &
wtpccd1_V $WLOAD17_D $make_s17
$make_e17 S &
wtpccd1_V $WLOAD18_D $make_s18
$make_e18 S &
wtpccd1_V $WLOAD19_D $make_s19
$make_e19 S &
wtpccd1_V $WLOAD20_D $make_s20
$make_e20 S &
wtpccd1_V $WLOAD21_D $make_s21
$make_e21 S &
wtpccd1_V $WLOAD22_D $make_s22
$make_e22 S &
wtpccd1_V $WLOAD23_D $make_s23
$make_e23 S &
wtpccd1_V $WLOAD24_D $make_s24
$make_e24 S &
wtpccd1_V $WLOAD25_D $make_s25
$make_e25 S &
wtpccd1_V $WLOAD26_D $make_s26
$make_e26 S &
wtpccd1_V $WLOAD27_D $make_s27
$make_e27 S &
wtpccd1_V $WLOAD28_D $make_s28
$make_e28 S &

```

```

wtpccd1_V $WLOAD29_D $make_s29
$make_e29 S &
wtpccd1_V $WLOAD30_D $make_s30
$make_e30 S &
wtpccd1_V $WLOAD31_D $make_s31
$make_e31 S &
wtpccd1_V $WLOAD32_D $make_s32
$make_e32 S &
wtpccd1_V $WLOAD33_D $make_s33
$make_e33 S &
wtpccd1_V $WLOAD34_D $make_s34
$make_e34 S &
wtpccd1_V $WLOAD35_D $make_s35
$make_e35 S &
wtpccd1_V $WLOAD36_D $make_s36
$make_e36 S &
wtpccd1_V $WLOAD37_D $make_s37
$make_e37 S &
wtpccd1_V $WLOAD38_D $make_s38
$make_e38 S &
wtpccd1_V $WLOAD39_D $make_s39
$make_e39 S &
wtpccd1_V $WLOAD40_D $make_s40
$make_e40 S &
wtpccd1_V $WLOAD41_D $make_s41
$make_e41 S &
wtpccd1_V $WLOAD42_D $make_s42
$make_e42 S &
wtpccd1_V $WLOAD43_D $make_s43
$make_e43 S &
wtpccd1_V $WLOAD44_D $make_s44
$make_e44 S &
wtpccd1_V $WLOAD45_D $make_s45
$make_e45 S &
wtpccd1_V $WLOAD46_D $make_s46
$make_e46 S &
wtpccd1_V $WLOAD47_D $make_s47
$make_e47 S &
wtpccd1_V $WLOAD48_D $make_s48
$make_e48 S &
wtpccd1_V $WLOAD49_D $make_s49
$make_e49 S &
wtpccd1_V $WLOAD50_D $make_s50
$make_e50 S &
wtpccd1_V $WLOAD51_D $make_s51
$make_e51 S &
wtpccd1_V $WLOAD52_D $make_s52
$make_e52 S &
wtpccd1_V $WLOAD53_D $make_s53
$make_e53 S &
wtpccd1_V $WLOAD54_D $make_s54
$make_e54 S &
wtpccd1_V $WLOAD55_D $make_s55
$make_e55 S &
wtpccd1_V $WLOAD56_D $make_s56
$make_e56 S &
wtpccd1_V $WLOAD57_D $make_s57
$make_e57 S &
wtpccd1_V $WLOAD58_D $make_s58
$make_e58 S &
wtpccd1_V $WLOAD59_D $make_s59
$make_e59 S &
wtpccd1_V $WLOAD60_D $make_s60
$make_e60 S &
wtpccd1_V $WLOAD61_D $make_s61
$make_e61 S &
wtpccd1_V $WLOAD62_D $make_s62
$make_e62 S &

```



```

    wttppcd1_V $WLOAD63_D $make_s63
$make_e63 S &
    wttppcd1_V $WLOAD64_D $make_s64
$make_e64 S &

    wait

if ( $num != 0 ) then

    rm
    $xLOAD1_D/ST$rm_make_s1\_rm_make_e1
    rm
    $xLOAD2_D/ST$rm_make_s2\_rm_make_e2
    rm
    $xLOAD3_D/ST$rm_make_s3\_rm_make_e3
    rm
    $xLOAD4_D/ST$rm_make_s4\_rm_make_e4
    rm
    $xLOAD5_D/ST$rm_make_s5\_rm_make_e5
    rm
    $xLOAD6_D/ST$rm_make_s6\_rm_make_e6
    rm
    $xLOAD7_D/ST$rm_make_s7\_rm_make_e7
    rm
    $xLOAD8_D/ST$rm_make_s8\_rm_make_e8
    rm
    $xLOAD9_D/ST$rm_make_s9\_rm_make_e9
    rm
    $xLOAD10_D/ST$rm_make_s10\_rm_make_e10
    rm
    $xLOAD11_D/ST$rm_make_s11\_rm_make_e11
    rm
    $xLOAD12_D/ST$rm_make_s12\_rm_make_e12
    rm
    $xLOAD13_D/ST$rm_make_s13\_rm_make_e13
    rm
    $xLOAD14_D/ST$rm_make_s14\_rm_make_e14
    rm
    $xLOAD15_D/ST$rm_make_s15\_rm_make_e15
    rm
    $xLOAD16_D/ST$rm_make_s16\_rm_make_e16
    rm
    $xLOAD17_D/ST$rm_make_s17\_rm_make_e17
    rm
    $xLOAD18_D/ST$rm_make_s18\_rm_make_e18
    rm
    $xLOAD19_D/ST$rm_make_s19\_rm_make_e19
    rm
    $xLOAD20_D/ST$rm_make_s20\_rm_make_e20
    rm
    $xLOAD21_D/ST$rm_make_s21\_rm_make_e21
    rm
    $xLOAD22_D/ST$rm_make_s22\_rm_make_e22
    rm
    $xLOAD23_D/ST$rm_make_s23\_rm_make_e23

```

```

    rm
    $xLOAD24_D/ST$rm_make_s24\_rm_make_e24
    rm
    $xLOAD25_D/ST$rm_make_s25\_rm_make_e25
    rm
    $xLOAD26_D/ST$rm_make_s26\_rm_make_e26
    rm
    $xLOAD27_D/ST$rm_make_s27\_rm_make_e27
    rm
    $xLOAD28_D/ST$rm_make_s28\_rm_make_e28
    rm
    $xLOAD29_D/ST$rm_make_s29\_rm_make_e29
    rm
    $xLOAD30_D/ST$rm_make_s30\_rm_make_e30
    rm
    $xLOAD31_D/ST$rm_make_s31\_rm_make_e31
    rm
    $xLOAD32_D/ST$rm_make_s32\_rm_make_e32
    rm
    $xLOAD33_D/ST$rm_make_s33\_rm_make_e33
    rm
    $xLOAD34_D/ST$rm_make_s34\_rm_make_e34
    rm
    $xLOAD35_D/ST$rm_make_s35\_rm_make_e35
    rm
    $xLOAD36_D/ST$rm_make_s36\_rm_make_e36
    rm
    $xLOAD37_D/ST$rm_make_s37\_rm_make_e37
    rm
    $xLOAD38_D/ST$rm_make_s38\_rm_make_e38
    rm
    $xLOAD39_D/ST$rm_make_s39\_rm_make_e39
    rm
    $xLOAD40_D/ST$rm_make_s40\_rm_make_e40
    rm
    $xLOAD41_D/ST$rm_make_s41\_rm_make_e41
    rm
    $xLOAD42_D/ST$rm_make_s42\_rm_make_e42
    rm
    $xLOAD43_D/ST$rm_make_s43\_rm_make_e43
    rm
    $xLOAD44_D/ST$rm_make_s44\_rm_make_e44
    rm
    $xLOAD45_D/ST$rm_make_s45\_rm_make_e45
    rm
    $xLOAD46_D/ST$rm_make_s46\_rm_make_e46

```

```

    rm
    $xLOAD47_D/ST$rm_make_s47\_rm_make_e47
    rm
    $xLOAD48_D/ST$rm_make_s48\_rm_make_e48
    rm
    $xLOAD49_D/ST$rm_make_s49\_rm_make_e49
    rm
    $xLOAD50_D/ST$rm_make_s50\_rm_make_e50
    rm
    $xLOAD51_D/ST$rm_make_s51\_rm_make_e51
    rm
    $xLOAD52_D/ST$rm_make_s52\_rm_make_e52
    rm
    $xLOAD53_D/ST$rm_make_s53\_rm_make_e53
    rm
    $xLOAD54_D/ST$rm_make_s54\_rm_make_e54
    rm
    $xLOAD55_D/ST$rm_make_s55\_rm_make_e55
    rm
    $xLOAD56_D/ST$rm_make_s56\_rm_make_e56
    rm
    $xLOAD57_D/ST$rm_make_s57\_rm_make_e57
    rm
    $xLOAD58_D/ST$rm_make_s58\_rm_make_e58
    rm
    $xLOAD59_D/ST$rm_make_s59\_rm_make_e59
    rm
    $xLOAD60_D/ST$rm_make_s60\_rm_make_e60
    rm
    $xLOAD61_D/ST$rm_make_s61\_rm_make_e61
    rm
    $xLOAD62_D/ST$rm_make_s62\_rm_make_e62
    rm
    $xLOAD63_D/ST$rm_make_s63\_rm_make_e63
    rm
    $xLOAD64_D/ST$rm_make_s64\_rm_make_e64
endif

if ( $dsi_num1 <= 250 ) then
    timex rdbloader -mi -i
    $RDBDB.STOCK_$dsi_num1\_DSI \
-
s $WK1_D \
-
s $WK2_D \
-
n $WLOAD1_D/ST$make_s1\_make_e1 &
endif
if ( $dsi_num2 <= 250 ) then
    timex rdbloader -mi -i
    $RDBDB.STOCK_$dsi_num2\_DSI \

```

s \$WK3_D \	-	timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num9)_DSI \	-	if (\$(dsi_num16) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num16)_DSI \	-
s \$WK4_D \	-	s \$WK17_D \	-	s \$WK31_D \	-
n \$WLOAD2_D/ST\$make_s2_make_e2 & endif	-	s \$WK18_D \	-	s \$WK32_D \	-
if (\$(dsi_num3) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num3)_DSI \	-	n \$WLOAD9_D/ST\$make_s9_make_e9 & endif	-	n \$WLOAD16_D/ST\$make_s16_make_e16 & endif	-
s \$WK5_D \	-	if (\$(dsi_num10) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num10)_DSI \	-	if (\$(dsi_num17) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num17)_DSI \	-
s \$WK6_D \	-	s \$WK19_D \	-	s \$WK33_D \	-
n \$WLOAD3_D/ST\$make_s3_make_e3 & endif	-	s \$WK20_D \	-	s \$WK34_D \	-
if (\$(dsi_num4) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num4)_DSI \	-	n \$WLOAD10_D/ST\$make_s10_make_e10 & endif	-	n \$WLOAD17_D/ST\$make_s17_make_e17 & endif	-
s \$WK7_D \	-	if (\$(dsi_num11) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num11)_DSI \	-	if (\$(dsi_num18) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num18)_DSI \	-
s \$WK8_D \	-	s \$WK21_D \	-	s \$WK35_D \	-
n \$WLOAD4_D/ST\$make_s4_make_e4 & endif	-	s \$WK22_D \	-	s \$WK36_D \	-
if (\$(dsi_num5) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num5)_DSI \	-	n \$WLOAD11_D/ST\$make_s11_make_e11 & endif	-	n \$WLOAD18_D/ST\$make_s18_make_e18 & endif	-
s \$WK9_D \	-	if (\$(dsi_num12) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num12)_DSI \	-	if (\$(dsi_num19) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num19)_DSI \	-
s \$WK10_D \	-	s \$WK23_D \	-	s \$WK37_D \	-
n \$WLOAD5_D/ST\$make_s5_make_e5 & endif	-	s \$WK24_D \	-	s \$WK38_D \	-
if (\$(dsi_num6) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num6)_DSI \	-	n \$WLOAD12_D/ST\$make_s12_make_e12 & endif	-	n \$WLOAD19_D/ST\$make_s19_make_e19 & endif	-
s \$WK11_D \	-	if (\$(dsi_num13) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num13)_DSI \	-	if (\$(dsi_num20) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num20)_DSI \	-
s \$WK12_D \	-	s \$WK25_D \	-	s \$WK39_D \	-
n \$WLOAD6_D/ST\$make_s6_make_e6 & endif	-	s \$WK26_D \	-	s \$WK40_D \	-
if (\$(dsi_num7) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num7)_DSI \	-	n \$WLOAD13_D/ST\$make_s13_make_e13 & endif	-	n \$WLOAD20_D/ST\$make_s20_make_e20 & endif	-
s \$WK13_D \	-	if (\$(dsi_num14) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num14)_DSI \	-	if (\$(dsi_num21) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num21)_DSI \	-
s \$WK14_D \	-	s \$WK27_D \	-	s \$WK41_D \	-
n \$WLOAD7_D/ST\$make_s7_make_e7 & endif	-	s \$WK28_D \	-	s \$WK42_D \	-
if (\$(dsi_num8) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num8)_DSI \	-	n \$WLOAD14_D/ST\$make_s14_make_e14 & endif	-	n \$WLOAD21_D/ST\$make_s21_make_e21 & endif	-
s \$WK15_D \	-	if (\$(dsi_num15) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num15)_DSI \	-	if (\$(dsi_num22) <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$(dsi_num22)_DSI \	-
s \$WK16_D \	-	s \$WK29_D \	-	s \$WK43_D \	-
n \$WLOAD8_D/ST\$make_s8_make_e8 & endif	-	s \$WK30_D \	-	s \$WK44_D \	-
if (\$(dsi_num9) <= 250) then	-	n \$WLOAD15_D/ST\$make_s15_make_e15 & endif	-	n \$WLOAD22_D/ST\$make_s22_make_e22 &	-

endif		
if (\$dsi_num23 <= 250) then	n \$WLOAD29_D/ST\$make_s29_make_e29 &	s \$WK72_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num23_DSI \	if (\$dsi_num30 <= 250) then	n \$WLOAD36_D/ST\$make_s36_make_e36 &
	timex rdbloader -mi -i	endif
s \$WK45_D \	\$RDBDB.STOCK_\$dsi_num30_DSI \	if (\$dsi_num37 <= 250) then
		timex rdbloader -mi -i
s \$WK46_D \	s \$WK59_D \	\$RDBDB.STOCK_\$dsi_num37_DSI \
n \$WLOAD23_D/ST\$make_s23_make_e23 &	s \$WK60_D \	s \$WK73_D \
endif		
if (\$dsi_num24 <= 250) then	n \$WLOAD30_D/ST\$make_s30_make_e30 &	s \$WK74_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num24_DSI \	if (\$dsi_num31 <= 250) then	n \$WLOAD37_D/ST\$make_s37_make_e37 &
	timex rdbloader -mi -i	endif
s \$WK47_D \	\$RDBDB.STOCK_\$dsi_num31_DSI \	if (\$dsi_num38 <= 250) then
		timex rdbloader -mi -i
s \$WK48_D \	s \$WK61_D \	\$RDBDB.STOCK_\$dsi_num38_DSI \
n \$WLOAD24_D/ST\$make_s24_make_e24 &	s \$WK62_D \	s \$WK75_D \
endif		
if (\$dsi_num25 <= 250) then	n \$WLOAD31_D/ST\$make_s31_make_e31 &	s \$WK76_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num25_DSI \	if (\$dsi_num32 <= 250) then	n \$WLOAD38_D/ST\$make_s38_make_e38 &
	timex rdbloader -mi -i	endif
s \$WK49_D \	\$RDBDB.STOCK_\$dsi_num32_DSI \	if (\$dsi_num39 <= 250) then
		timex rdbloader -mi -i
s \$WK50_D \	s \$WK63_D \	\$RDBDB.STOCK_\$dsi_num39_DSI \
n \$WLOAD25_D/ST\$make_s25_make_e25 &	s \$WK64_D \	s \$WK77_D \
endif		
if (\$dsi_num26 <= 250) then	n \$WLOAD32_D/ST\$make_s32_make_e32 &	s \$WK78_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num26_DSI \	if (\$dsi_num33 <= 250) then	n \$WLOAD39_D/ST\$make_s39_make_e39 &
	timex rdbloader -mi -i	endif
s \$WK51_D \	\$RDBDB.STOCK_\$dsi_num33_DSI \	if (\$dsi_num40 <= 250) then
		timex rdbloader -mi -i
s \$WK52_D \	s \$WK65_D \	\$RDBDB.STOCK_\$dsi_num40_DSI \
n \$WLOAD26_D/ST\$make_s26_make_e26 &	s \$WK66_D \	s \$WK79_D \
endif		
if (\$dsi_num27 <= 250) then	n \$WLOAD33_D/ST\$make_s33_make_e33 &	s \$WK80_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num27_DSI \	if (\$dsi_num34 <= 250) then	n \$WLOAD40_D/ST\$make_s40_make_e40 &
	timex rdbloader -mi -i	endif
s \$WK53_D \	\$RDBDB.STOCK_\$dsi_num34_DSI \	if (\$dsi_num41 <= 250) then
		timex rdbloader -mi -i
s \$WK54_D \	s \$WK67_D \	\$RDBDB.STOCK_\$dsi_num41_DSI \
n \$WLOAD27_D/ST\$make_s27_make_e27 &	s \$WK68_D \	s \$WK81_D \
endif		
if (\$dsi_num28 <= 250) then	n \$WLOAD34_D/ST\$make_s34_make_e34 &	s \$WK82_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num28_DSI \	if (\$dsi_num35 <= 250) then	n \$WLOAD41_D/ST\$make_s41_make_e41 &
	timex rdbloader -mi -i	endif
s \$WK55_D \	\$RDBDB.STOCK_\$dsi_num35_DSI \	if (\$dsi_num42 <= 250) then
		timex rdbloader -mi -i
s \$WK56_D \	s \$WK69_D \	\$RDBDB.STOCK_\$dsi_num42_DSI \
n \$WLOAD28_D/ST\$make_s28_make_e28 &	s \$WK70_D \	s \$WK83_D \
endif		
if (\$dsi_num29 <= 250) then	n \$WLOAD35_D/ST\$make_s35_make_e35 &	s \$WK84_D \
timex rdbloader -mi -i	endif	
\$RDBDB.STOCK_\$dsi_num29_DSI \	if (\$dsi_num36 <= 250) then	n \$WLOAD42_D/ST\$make_s42_make_e42 &
	timex rdbloader -mi -i	endif
s \$WK57_D \	\$RDBDB.STOCK_\$dsi_num36_DSI \	if (\$dsi_num43 <= 250) then
		timex rdbloader -mi -i
s \$WK58_D \	s \$WK71_D \	\$RDBDB.STOCK_\$dsi_num43_DSI \

s \$WK85_D \	timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num50\ _DSI \	if (\$dsi_num57 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num57\ _DSI \
s \$WK86_D \	s \$WK99_D \	s \$WK113_D \
n \$WLOAD43_D/ST\$make_s43_ \$make_e43 & endif if (\$dsi_num44 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num44\ _DSI \	s \$WK100_D \	s \$WK114_D \
s \$WK87_D \	n \$WLOAD50_D/ST\$make_s50_ \$make_e50 & endif if (\$dsi_num51 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num51\ _DSI \	n \$WLOAD57_D/ST\$make_s57_ \$make_e57 & endif if (\$dsi_num58 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num58\ _DSI \
s \$WK88_D \	s \$WK101_D \	s \$WK115_D \
n \$WLOAD44_D/ST\$make_s44_ \$make_e44 & endif if (\$dsi_num45 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num45\ _DSI \	s \$WK102_D \	s \$WK116_D \
s \$WK89_D \	n \$WLOAD51_D/ST\$make_s51_ \$make_e51 & endif if (\$dsi_num52 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num52\ _DSI \	n \$WLOAD58_D/ST\$make_s58_ \$make_e58 & endif if (\$dsi_num59 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num59\ _DSI \
s \$WK90_D \	s \$WK103_D \	s \$WK117_D \
n \$WLOAD45_D/ST\$make_s45_ \$make_e45 & endif if (\$dsi_num46 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num46\ _DSI \	s \$WK104_D \	s \$WK118_D \
s \$WK91_D \	n \$WLOAD52_D/ST\$make_s52_ \$make_e52 & endif if (\$dsi_num53 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num53\ _DSI \	n \$WLOAD59_D/ST\$make_s59_ \$make_e59 & endif if (\$dsi_num60 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num60\ _DSI \
s \$WK92_D \	s \$WK105_D \	s \$WK119_D \
n \$WLOAD46_D/ST\$make_s46_ \$make_e46 & endif if (\$dsi_num47 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num47\ _DSI \	s \$WK106_D \	s \$WK120_D \
s \$WK93_D \	n \$WLOAD53_D/ST\$make_s53_ \$make_e53 & endif if (\$dsi_num54 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num54\ _DSI \	n \$WLOAD60_D/ST\$make_s60_ \$make_e60 & endif if (\$dsi_num61 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num61\ _DSI \
s \$WK94_D \	s \$WK107_D \	s \$WK121_D \
n \$WLOAD47_D/ST\$make_s47_ \$make_e47 & endif if (\$dsi_num48 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num48\ _DSI \	s \$WK108_D \	s \$WK122_D \
s \$WK95_D \	n \$WLOAD54_D/ST\$make_s54_ \$make_e54 & endif if (\$dsi_num55 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num55\ _DSI \	n \$WLOAD61_D/ST\$make_s61_ \$make_e61 & endif if (\$dsi_num62 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num62\ _DSI \
s \$WK96_D \	s \$WK109_D \	s \$WK123_D \
n \$WLOAD48_D/ST\$make_s48_ \$make_e48 & endif if (\$dsi_num49 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num49\ _DSI \	s \$WK110_D \	s \$WK124_D \
s \$WK97_D \	n \$WLOAD55_D/ST\$make_s55_ \$make_e55 & endif if (\$dsi_num56 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num56\ _DSI \	n \$WLOAD62_D/ST\$make_s62_ \$make_e62 & endif if (\$dsi_num63 <= 250) then timex rdbloader -mi -i \$RDBDB.STOCK_\$dsi_num63\ _DSI \
s \$WK98_D \	s \$WK111_D \	s \$WK125_D \
n \$WLOAD49_D/ST\$make_s49_ \$make_e49 & endif if (\$dsi_num50 <= 250) then	s \$WK112_D \	s \$WK126_D \
	n \$WLOAD56_D/ST\$make_s56_ \$make_e56 & endif	n \$WLOAD63_D/ST\$make_s63_ \$make_e63 &

```

endif
if ( $dsi_num64 <= 250 ) then
    timex rdbloader -mi -i
    $RDBDB.STOCK_$dsi_num64\_DSI\
-
s $WK127\_D\
-
s $WK128\_D\
-
n $WLOAD64\_D/$make_s64\_make_e64 &
endif
    @ rm_make_s1 = $make_s1
    @ rm_make_e1 = $make_e1
    @ rm_make_s2 = $make_s2
    @ rm_make_e2 = $make_e2
    @ rm_make_s3 = $make_s3
    @ rm_make_e3 = $make_e3
    @ rm_make_s4 = $make_s4
    @ rm_make_e4 = $make_e4
    @ rm_make_s5 = $make_s5
    @ rm_make_e5 = $make_e5
    @ rm_make_s6 = $make_s6
    @ rm_make_e6 = $make_e6
    @ rm_make_s7 = $make_s7
    @ rm_make_e7 = $make_e7
    @ rm_make_s8 = $make_s8
    @ rm_make_e8 = $make_e8
    @ rm_make_s9 = $make_s9
    @ rm_make_e9 = $make_e9
    @ rm_make_s10 = $make_s10
    @ rm_make_e10 = $make_e10
    @ rm_make_s11 = $make_s11
    @ rm_make_e11 = $make_e11
    @ rm_make_s12 = $make_s12
    @ rm_make_e12 = $make_e12
    @ rm_make_s13 = $make_s13
    @ rm_make_e13 = $make_e13
    @ rm_make_s14 = $make_s14
    @ rm_make_e14 = $make_e14
    @ rm_make_s15 = $make_s15
    @ rm_make_e15 = $make_e15
    @ rm_make_s16 = $make_s16
    @ rm_make_e16 = $make_e16
    @ rm_make_s17 = $make_s17
    @ rm_make_e17 = $make_e17
    @ rm_make_s18 = $make_s18
    @ rm_make_e18 = $make_e18
    @ rm_make_s19 = $make_s19
    @ rm_make_e19 = $make_e19
    @ rm_make_s20 = $make_s20
    @ rm_make_e20 = $make_e20
    @ rm_make_s21 = $make_s21
    @ rm_make_e21 = $make_e21
    @ rm_make_s22 = $make_s22
    @ rm_make_e22 = $make_e22
    @ rm_make_s23 = $make_s23
    @ rm_make_e23 = $make_e23
    @ rm_make_s24 = $make_s24
    @ rm_make_e24 = $make_e24
    @ rm_make_s25 = $make_s25
    @ rm_make_e25 = $make_e25
    @ rm_make_s26 = $make_s26
    @ rm_make_e26 = $make_e26
    @ rm_make_s27 = $make_s27
    @ rm_make_e27 = $make_e27
    @ rm_make_s28 = $make_s28
    @ rm_make_e28 = $make_e28
    @ rm_make_s29 = $make_s29
    @ rm_make_e29 = $make_e29

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@ rm_make_s30 = $make_s30
@ rm_make_e30 = $make_e30
@ rm_make_s31 = $make_s31
@ rm_make_e31 = $make_e31
@ rm_make_s32 = $make_s32
@ rm_make_e32 = $make_e32
@ rm_make_s33 = $make_s33
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@ rm_make_s36 = $make_s36
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@ rm_make_s37 = $make_s37
@ rm_make_e37 = $make_e37
@ rm_make_s38 = $make_s38
@ rm_make_e38 = $make_e38
@ rm_make_s39 = $make_s39
@ rm_make_e39 = $make_e39
@ rm_make_s40 = $make_s40
@ rm_make_e40 = $make_e40
@ rm_make_s41 = $make_s41
@ rm_make_e41 = $make_e41
@ rm_make_s42 = $make_s42
@ rm_make_e42 = $make_e42
@ rm_make_s43 = $make_s43
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@ rm_make_s44 = $make_s44
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@ rm_make_e45 = $make_e45
@ rm_make_s46 = $make_s46
@ rm_make_e46 = $make_e46
@ rm_make_s47 = $make_s47
@ rm_make_e47 = $make_e47
@ rm_make_s48 = $make_s48
@ rm_make_e48 = $make_e48
@ rm_make_s49 = $make_s49
@ rm_make_e49 = $make_e49
@ rm_make_s50 = $make_s50
@ rm_make_e50 = $make_e50
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@ rm_make_s56 = $make_s56
@ rm_make_e56 = $make_e56
@ rm_make_s57 = $make_s57
@ rm_make_e57 = $make_e57
@ rm_make_s58 = $make_s58
@ rm_make_e58 = $make_e58
@ rm_make_s59 = $make_s59
@ rm_make_e59 = $make_e59
@ rm_make_s60 = $make_s60
@ rm_make_e60 = $make_e60
@ rm_make_s61 = $make_s61
@ rm_make_e61 = $make_e61
@ rm_make_s62 = $make_s62
@ rm_make_e62 = $make_e62
@ rm_make_s63 = $make_s63
@ rm_make_e63 = $make_e63
@ rm_make_s64 = $make_s64

```

```

@ rm_make_e64 = $make_e64

set yLOAD1_D = $xLOAD1_D
set yLOAD2_D = $xLOAD2_D
set yLOAD3_D = $xLOAD3_D
set yLOAD4_D = $xLOAD4_D
set yLOAD5_D = $xLOAD5_D
set yLOAD6_D = $xLOAD6_D
set yLOAD7_D = $xLOAD7_D
set yLOAD8_D = $xLOAD8_D
set yLOAD9_D = $xLOAD9_D
set yLOAD10_D = $xLOAD10_D
set yLOAD11_D = $xLOAD11_D
set yLOAD12_D = $xLOAD12_D
set yLOAD13_D = $xLOAD13_D
set yLOAD14_D = $xLOAD14_D
set yLOAD15_D = $xLOAD15_D
set yLOAD16_D = $xLOAD16_D
set yLOAD17_D = $xLOAD17_D
set yLOAD18_D = $xLOAD18_D
set yLOAD19_D = $xLOAD19_D
set yLOAD20_D = $xLOAD20_D
set yLOAD21_D = $xLOAD21_D
set yLOAD22_D = $xLOAD22_D
set yLOAD23_D = $xLOAD23_D
set yLOAD24_D = $xLOAD24_D
set yLOAD25_D = $xLOAD25_D
set yLOAD26_D = $xLOAD26_D
set yLOAD27_D = $xLOAD27_D
set yLOAD28_D = $xLOAD28_D
set yLOAD29_D = $xLOAD29_D
set yLOAD30_D = $xLOAD30_D
set yLOAD31_D = $xLOAD31_D
set yLOAD32_D = $xLOAD32_D
set yLOAD33_D = $xLOAD33_D
set yLOAD34_D = $xLOAD34_D
set yLOAD35_D = $xLOAD35_D
set yLOAD36_D = $xLOAD36_D
set yLOAD37_D = $xLOAD37_D
set yLOAD38_D = $xLOAD38_D
set yLOAD39_D = $xLOAD39_D
set yLOAD40_D = $xLOAD40_D
set yLOAD41_D = $xLOAD41_D
set yLOAD42_D = $xLOAD42_D
set yLOAD43_D = $xLOAD43_D
set yLOAD44_D = $xLOAD44_D
set yLOAD45_D = $xLOAD45_D
set yLOAD46_D = $xLOAD46_D
set yLOAD47_D = $xLOAD47_D
set yLOAD48_D = $xLOAD48_D
set yLOAD49_D = $xLOAD49_D
set yLOAD50_D = $xLOAD50_D
set yLOAD51_D = $xLOAD51_D
set yLOAD52_D = $xLOAD52_D
set yLOAD53_D = $xLOAD53_D
set yLOAD54_D = $xLOAD54_D
set yLOAD55_D = $xLOAD55_D
set yLOAD56_D = $xLOAD56_D
set yLOAD57_D = $xLOAD57_D
set yLOAD58_D = $xLOAD58_D
set yLOAD59_D = $xLOAD59_D
set yLOAD60_D = $xLOAD60_D
set yLOAD61_D = $xLOAD61_D
set yLOAD62_D = $xLOAD62_D
set yLOAD63_D = $xLOAD63_D
set yLOAD64_D = $xLOAD64_D

set xLOAD1_D = $WLOAD1_D
set xLOAD2_D = $WLOAD2_D

```

```

set xLOAD3_D = $WLOAD3_D
set xLOAD4_D = $WLOAD4_D
set xLOAD5_D = $WLOAD5_D
set xLOAD6_D = $WLOAD6_D
set xLOAD7_D = $WLOAD7_D
set xLOAD8_D = $WLOAD8_D
set xLOAD9_D = $WLOAD9_D
set xLOAD10_D = $WLOAD10_D
set xLOAD11_D = $WLOAD11_D
set xLOAD12_D = $WLOAD12_D
set xLOAD13_D = $WLOAD13_D
set xLOAD14_D = $WLOAD14_D
set xLOAD15_D = $WLOAD15_D
set xLOAD16_D = $WLOAD16_D
set xLOAD17_D = $WLOAD17_D
set xLOAD18_D = $WLOAD18_D
set xLOAD19_D = $WLOAD19_D
set xLOAD20_D = $WLOAD20_D
set xLOAD21_D = $WLOAD21_D
set xLOAD22_D = $WLOAD22_D
set xLOAD23_D = $WLOAD23_D
set xLOAD24_D = $WLOAD24_D
set xLOAD25_D = $WLOAD25_D
set xLOAD26_D = $WLOAD26_D
set xLOAD27_D = $WLOAD27_D
set xLOAD28_D = $WLOAD28_D
set xLOAD29_D = $WLOAD29_D
set xLOAD30_D = $WLOAD30_D
set xLOAD31_D = $WLOAD31_D
set xLOAD32_D = $WLOAD32_D
set xLOAD33_D = $WLOAD33_D
set xLOAD34_D = $WLOAD34_D
set xLOAD35_D = $WLOAD35_D
set xLOAD36_D = $WLOAD36_D
set xLOAD37_D = $WLOAD37_D
set xLOAD38_D = $WLOAD38_D
set xLOAD39_D = $WLOAD39_D
set xLOAD40_D = $WLOAD40_D
set xLOAD41_D = $WLOAD41_D
set xLOAD42_D = $WLOAD42_D
set xLOAD43_D = $WLOAD43_D
set xLOAD44_D = $WLOAD44_D
set xLOAD45_D = $WLOAD45_D
set xLOAD46_D = $WLOAD46_D
set xLOAD47_D = $WLOAD47_D
set xLOAD48_D = $WLOAD48_D
set xLOAD49_D = $WLOAD49_D
set xLOAD50_D = $WLOAD50_D
set xLOAD51_D = $WLOAD51_D
set xLOAD52_D = $WLOAD52_D
set xLOAD53_D = $WLOAD53_D
set xLOAD54_D = $WLOAD54_D
set xLOAD55_D = $WLOAD55_D
set xLOAD56_D = $WLOAD56_D
set xLOAD57_D = $WLOAD57_D
set xLOAD58_D = $WLOAD58_D
set xLOAD59_D = $WLOAD59_D
set xLOAD60_D = $WLOAD60_D
set xLOAD61_D = $WLOAD61_D
set xLOAD62_D = $WLOAD62_D
set xLOAD63_D = $WLOAD63_D
set xLOAD64_D = $WLOAD64_D

```

```

set WLOAD1_D = $yLOAD1_D
set WLOAD2_D = $yLOAD2_D
set WLOAD3_D = $yLOAD3_D
set WLOAD4_D = $yLOAD4_D
set WLOAD5_D = $yLOAD5_D
set WLOAD6_D = $yLOAD6_D

```

```

set WLOAD7_D = $yLOAD7_D
set WLOAD8_D = $yLOAD8_D
set WLOAD9_D = $yLOAD9_D
set WLOAD10_D = $yLOAD10_D
set WLOAD11_D = $yLOAD11_D
set WLOAD12_D = $yLOAD12_D
set WLOAD13_D = $yLOAD13_D
set WLOAD14_D = $yLOAD14_D
set WLOAD15_D = $yLOAD15_D
set WLOAD16_D = $yLOAD16_D
set WLOAD17_D = $yLOAD17_D
set WLOAD18_D = $yLOAD18_D
set WLOAD19_D = $yLOAD19_D
set WLOAD20_D = $yLOAD20_D
set WLOAD21_D = $yLOAD21_D
set WLOAD22_D = $yLOAD22_D
set WLOAD23_D = $yLOAD23_D
set WLOAD24_D = $yLOAD24_D
set WLOAD25_D = $yLOAD25_D
set WLOAD26_D = $yLOAD26_D
set WLOAD27_D = $yLOAD27_D
set WLOAD28_D = $yLOAD28_D
set WLOAD29_D = $yLOAD29_D
set WLOAD30_D = $yLOAD30_D
set WLOAD31_D = $yLOAD31_D
set WLOAD32_D = $yLOAD32_D
set WLOAD33_D = $yLOAD33_D
set WLOAD34_D = $yLOAD34_D
set WLOAD35_D = $yLOAD35_D
set WLOAD36_D = $yLOAD36_D
set WLOAD37_D = $yLOAD37_D
set WLOAD38_D = $yLOAD38_D
set WLOAD39_D = $yLOAD39_D
set WLOAD40_D = $yLOAD40_D
set WLOAD41_D = $yLOAD41_D
set WLOAD42_D = $yLOAD42_D
set WLOAD43_D = $yLOAD43_D
set WLOAD44_D = $yLOAD44_D
set WLOAD45_D = $yLOAD45_D
set WLOAD46_D = $yLOAD46_D
set WLOAD47_D = $yLOAD47_D
set WLOAD48_D = $yLOAD48_D
set WLOAD49_D = $yLOAD49_D
set WLOAD50_D = $yLOAD50_D
set WLOAD51_D = $yLOAD51_D
set WLOAD52_D = $yLOAD52_D
set WLOAD53_D = $yLOAD53_D
set WLOAD54_D = $yLOAD54_D
set WLOAD55_D = $yLOAD55_D
set WLOAD56_D = $yLOAD56_D
set WLOAD57_D = $yLOAD57_D
set WLOAD58_D = $yLOAD58_D
set WLOAD59_D = $yLOAD59_D
set WLOAD60_D = $yLOAD60_D
set WLOAD61_D = $yLOAD61_D
set WLOAD62_D = $yLOAD62_D
set WLOAD63_D = $yLOAD63_D
set WLOAD64_D = $yLOAD64_D

```

end

```

wait
rm /rdb/loaddata/*/*ST*
## ORDERS ORDERLINE NEWORDER

```

```

foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 )

```

```
@ make_s1 = $num * 704 + 1
```

```

@ make_e1 = $num * 704 + 11
@ make_s2 = $num * 704 + 12
@ make_e2 = $num * 704 + 22
@ make_s3 = $num * 704 + 23
@ make_e3 = $num * 704 + 33
@ make_s4 = $num * 704 + 34
@ make_e4 = $num * 704 + 44
@ make_s5 = $num * 704 + 45
@ make_e5 = $num * 704 + 55
@ make_s6 = $num * 704 + 56
@ make_e6 = $num * 704 + 66
@ make_s7 = $num * 704 + 67
@ make_e7 = $num * 704 + 77
@ make_s8 = $num * 704 + 78
@ make_e8 = $num * 704 + 88
@ make_s9 = $num * 704 + 89
@ make_e9 = $num * 704 + 99
@ make_s10 = $num * 704 + 100
@ make_e10 = $num * 704 + 110
@ make_s11 = $num * 704 + 111
@ make_e11 = $num * 704 + 121
@ make_s12 = $num * 704 + 122
@ make_e12 = $num * 704 + 132
@ make_s13 = $num * 704 + 133
@ make_e13 = $num * 704 + 143
@ make_s14 = $num * 704 + 144
@ make_e14 = $num * 704 + 154
@ make_s15 = $num * 704 + 155
@ make_e15 = $num * 704 + 165
@ make_s16 = $num * 704 + 166
@ make_e16 = $num * 704 + 176
@ make_s17 = $num * 704 + 177
@ make_e17 = $num * 704 + 187
@ make_s18 = $num * 704 + 188
@ make_e18 = $num * 704 + 198
@ make_s19 = $num * 704 + 199
@ make_e19 = $num * 704 + 209
@ make_s20 = $num * 704 + 210
@ make_e20 = $num * 704 + 220
@ make_s21 = $num * 704 + 221
@ make_e21 = $num * 704 + 231
@ make_s22 = $num * 704 + 232
@ make_e22 = $num * 704 + 242
@ make_s23 = $num * 704 + 243
@ make_e23 = $num * 704 + 253
@ make_s24 = $num * 704 + 254
@ make_e24 = $num * 704 + 264
@ make_s25 = $num * 704 + 265
@ make_e25 = $num * 704 + 275
@ make_s26 = $num * 704 + 276
@ make_e26 = $num * 704 + 286
@ make_s27 = $num * 704 + 287
@ make_e27 = $num * 704 + 297
@ make_s28 = $num * 704 + 298
@ make_e28 = $num * 704 + 308
@ make_s29 = $num * 704 + 309
@ make_e29 = $num * 704 + 319
@ make_s30 = $num * 704 + 320
@ make_e30 = $num * 704 + 330
@ make_s31 = $num * 704 + 331
@ make_e31 = $num * 704 + 341
@ make_s32 = $num * 704 + 342
@ make_e32 = $num * 704 + 352
@ make_s33 = $num * 704 + 353
@ make_e33 = $num * 704 + 363
@ make_s34 = $num * 704 + 364
@ make_e34 = $num * 704 + 374
@ make_s35 = $num * 704 + 375
@ make_e35 = $num * 704 + 385

```



```

@ dsi_num_ol21 = $num * 64 + 21
@ dsi_num_ol22 = $num * 64 + 22
@ dsi_num_ol23 = $num * 64 + 23
@ dsi_num_ol24 = $num * 64 + 24
@ dsi_num_ol25 = $num * 64 + 25
@ dsi_num_ol26 = $num * 64 + 26
@ dsi_num_ol27 = $num * 64 + 27
@ dsi_num_ol28 = $num * 64 + 28
@ dsi_num_ol29 = $num * 64 + 29
@ dsi_num_ol30 = $num * 64 + 30
@ dsi_num_ol31 = $num * 64 + 31
@ dsi_num_ol32 = $num * 64 + 32
@ dsi_num_ol33 = $num * 64 + 33
@ dsi_num_ol34 = $num * 64 + 34
@ dsi_num_ol35 = $num * 64 + 35
@ dsi_num_ol36 = $num * 64 + 36
@ dsi_num_ol37 = $num * 64 + 37
@ dsi_num_ol38 = $num * 64 + 38
@ dsi_num_ol39 = $num * 64 + 39
@ dsi_num_ol40 = $num * 64 + 40
@ dsi_num_ol41 = $num * 64 + 41
@ dsi_num_ol42 = $num * 64 + 42
@ dsi_num_ol43 = $num * 64 + 43
@ dsi_num_ol44 = $num * 64 + 44
@ dsi_num_ol45 = $num * 64 + 45
@ dsi_num_ol46 = $num * 64 + 46
@ dsi_num_ol47 = $num * 64 + 47
@ dsi_num_ol48 = $num * 64 + 48
@ dsi_num_ol49 = $num * 64 + 49
@ dsi_num_ol50 = $num * 64 + 50
@ dsi_num_ol51 = $num * 64 + 51
@ dsi_num_ol52 = $num * 64 + 52
@ dsi_num_ol53 = $num * 64 + 53
@ dsi_num_ol54 = $num * 64 + 54
@ dsi_num_ol55 = $num * 64 + 55
@ dsi_num_ol56 = $num * 64 + 56
@ dsi_num_ol57 = $num * 64 + 57
@ dsi_num_ol58 = $num * 64 + 58
@ dsi_num_ol59 = $num * 64 + 59
@ dsi_num_ol60 = $num * 64 + 60
@ dsi_num_ol61 = $num * 64 + 61
@ dsi_num_ol62 = $num * 64 + 62
@ dsi_num_ol63 = $num * 64 + 63
@ dsi_num_ol64 = $num * 64 + 64
wttpccd1_V $LOAD1_D $make_s1
$make_e1 O &
wttpccd1_V $LOAD2_D $make_s2
$make_e2 O &
wttpccd1_V $LOAD3_D $make_s3
$make_e3 O &
wttpccd1_V $LOAD4_D $make_s4
$make_e4 O &
wttpccd1_V $LOAD5_D $make_s5
$make_e5 O &
wttpccd1_V $LOAD6_D $make_s6
$make_e6 O &
wttpccd1_V $LOAD7_D $make_s7
$make_e7 O &
wttpccd1_V $LOAD8_D $make_s8
$make_e8 O &
wttpccd1_V $LOAD9_D $make_s9
$make_e9 O &
wttpccd1_V $LOAD10_D $make_s10
$make_e10 O &
wttpccd1_V $LOAD11_D $make_s11
$make_e11 O &
wttpccd1_V $LOAD12_D $make_s12
$make_e12 O &

```

```

wttpccd1_V $LOAD13_D $make_s13
$make_e13 O &
wttpccd1_V $LOAD14_D $make_s14
$make_e14 O &
wttpccd1_V $LOAD15_D $make_s15
$make_e15 O &
wttpccd1_V $LOAD16_D $make_s16
$make_e16 O &
wttpccd1_V $LOAD17_D $make_s17
$make_e17 O &
wttpccd1_V $LOAD18_D $make_s18
$make_e18 O &
wttpccd1_V $LOAD19_D $make_s19
$make_e19 O &
wttpccd1_V $LOAD20_D $make_s20
$make_e20 O &
wttpccd1_V $LOAD21_D $make_s21
$make_e21 O &
wttpccd1_V $LOAD22_D $make_s22
$make_e22 O &
wttpccd1_V $LOAD23_D $make_s23
$make_e23 O &
wttpccd1_V $LOAD24_D $make_s24
$make_e24 O &
wttpccd1_V $LOAD25_D $make_s25
$make_e25 O &
wttpccd1_V $LOAD26_D $make_s26
$make_e26 O &
wttpccd1_V $LOAD27_D $make_s27
$make_e27 O &
wttpccd1_V $LOAD28_D $make_s28
$make_e28 O &
wttpccd1_V $LOAD29_D $make_s29
$make_e29 O &
wttpccd1_V $LOAD30_D $make_s30
$make_e30 O &
wttpccd1_V $LOAD31_D $make_s31
$make_e31 O &
wttpccd1_V $LOAD32_D $make_s32
$make_e32 O &
wttpccd1_V $LOAD33_D $make_s33
$make_e33 O &
wttpccd1_V $LOAD34_D $make_s34
$make_e34 O &
wttpccd1_V $LOAD35_D $make_s35
$make_e35 O &
wttpccd1_V $LOAD36_D $make_s36
$make_e36 O &
wttpccd1_V $LOAD37_D $make_s37
$make_e37 O &
wttpccd1_V $LOAD38_D $make_s38
$make_e38 O &
wttpccd1_V $LOAD39_D $make_s39
$make_e39 O &
wttpccd1_V $LOAD40_D $make_s40
$make_e40 O &
wttpccd1_V $LOAD41_D $make_s41
$make_e41 O &
wttpccd1_V $LOAD42_D $make_s42
$make_e42 O &
wttpccd1_V $LOAD43_D $make_s43
$make_e43 O &
wttpccd1_V $LOAD44_D $make_s44
$make_e44 O &
wttpccd1_V $LOAD45_D $make_s45
$make_e45 O &
wttpccd1_V $LOAD46_D $make_s46
$make_e46 O &

```

```

wttpccd1_V $LOAD47_D $make_s47
$make_e47 O &
wttpccd1_V $LOAD48_D $make_s48
$make_e48 O &
wttpccd1_V $LOAD49_D $make_s49
$make_e49 O &
wttpccd1_V $LOAD50_D $make_s50
$make_e50 O &
wttpccd1_V $LOAD51_D $make_s51
$make_e51 O &
wttpccd1_V $LOAD52_D $make_s52
$make_e52 O &
wttpccd1_V $LOAD53_D $make_s53
$make_e53 O &
wttpccd1_V $LOAD54_D $make_s54
$make_e54 O &
wttpccd1_V $LOAD55_D $make_s55
$make_e55 O &
wttpccd1_V $LOAD56_D $make_s56
$make_e56 O &
wttpccd1_V $LOAD57_D $make_s57
$make_e57 O &
wttpccd1_V $LOAD58_D $make_s58
$make_e58 O &
wttpccd1_V $LOAD59_D $make_s59
$make_e59 O &
wttpccd1_V $LOAD60_D $make_s60
$make_e60 O &
wttpccd1_V $LOAD61_D $make_s61
$make_e61 O &
wttpccd1_V $LOAD62_D $make_s62
$make_e62 O &
wttpccd1_V $LOAD63_D $make_s63
$make_e63 O &
wttpccd1_V $LOAD64_D $make_s64
$make_e64 O &

```

wait

if (\$num != 0) then

```

@ rm_make_s1 = $num * 704 + 1 - 704
@ rm_make_e1 = $num * 704 + 11 - 704
@ rm_make_s2 = $num * 704 + 12 - 704
@ rm_make_e2 = $num * 704 + 22 - 704
@ rm_make_s3 = $num * 704 + 23 - 704
@ rm_make_e3 = $num * 704 + 33 - 704
@ rm_make_s4 = $num * 704 + 34 - 704
@ rm_make_e4 = $num * 704 + 44 - 704
@ rm_make_s5 = $num * 704 + 45 - 704
@ rm_make_e5 = $num * 704 + 55 - 704
@ rm_make_s6 = $num * 704 + 56 - 704
@ rm_make_e6 = $num * 704 + 66 - 704
@ rm_make_s7 = $num * 704 + 67 - 704
@ rm_make_e7 = $num * 704 + 77 - 704
@ rm_make_s8 = $num * 704 + 78 - 704
@ rm_make_e8 = $num * 704 + 88 - 704
@ rm_make_s9 = $num * 704 + 89 - 704
@ rm_make_e9 = $num * 704 + 99 - 704
@ rm_make_s10 = $num * 704 + 100 - 704
@ rm_make_e10 = $num * 704 + 110 - 704
@ rm_make_s11 = $num * 704 + 111 - 704
@ rm_make_e11 = $num * 704 + 121 - 704
@ rm_make_s12 = $num * 704 + 122 - 704
@ rm_make_e12 = $num * 704 + 132 - 704
@ rm_make_s13 = $num * 704 + 133 - 704
@ rm_make_e13 = $num * 704 + 143 - 704
@ rm_make_s14 = $num * 704 + 144 - 704
@ rm_make_e14 = $num * 704 + 154 - 704

```


@ rm_make_s15 = \$num * 704 + 155 - 704
 @ rm_make_e15 = \$num * 704 + 165 - 704
 @ rm_make_s16 = \$num * 704 + 166 - 704
 @ rm_make_e16 = \$num * 704 + 176 - 704
 @ rm_make_s17 = \$num * 704 + 177 - 704
 @ rm_make_e17 = \$num * 704 + 187 - 704
 @ rm_make_s18 = \$num * 704 + 188 - 704
 @ rm_make_e18 = \$num * 704 + 198 - 704
 @ rm_make_s19 = \$num * 704 + 199 - 704
 @ rm_make_e19 = \$num * 704 + 209 - 704
 @ rm_make_s20 = \$num * 704 + 210 - 704
 @ rm_make_e20 = \$num * 704 + 220 - 704
 @ rm_make_s21 = \$num * 704 + 221 - 704
 @ rm_make_e21 = \$num * 704 + 231 - 704
 @ rm_make_s22 = \$num * 704 + 232 - 704
 @ rm_make_e22 = \$num * 704 + 242 - 704
 @ rm_make_s23 = \$num * 704 + 243 - 704
 @ rm_make_e23 = \$num * 704 + 253 - 704
 @ rm_make_s24 = \$num * 704 + 254 - 704
 @ rm_make_e24 = \$num * 704 + 264 - 704
 @ rm_make_s25 = \$num * 704 + 265 - 704
 @ rm_make_e25 = \$num * 704 + 275 - 704
 @ rm_make_s26 = \$num * 704 + 276 - 704
 @ rm_make_e26 = \$num * 704 + 286 - 704
 @ rm_make_s27 = \$num * 704 + 287 - 704
 @ rm_make_e27 = \$num * 704 + 297 - 704
 @ rm_make_s28 = \$num * 704 + 298 - 704
 @ rm_make_e28 = \$num * 704 + 308 - 704
 @ rm_make_s29 = \$num * 704 + 309 - 704
 @ rm_make_e29 = \$num * 704 + 319 - 704
 @ rm_make_s30 = \$num * 704 + 320 - 704
 @ rm_make_e30 = \$num * 704 + 330 - 704
 @ rm_make_s31 = \$num * 704 + 331 - 704
 @ rm_make_e31 = \$num * 704 + 341 - 704
 @ rm_make_s32 = \$num * 704 + 342 - 704
 @ rm_make_e32 = \$num * 704 + 352 - 704
 @ rm_make_s33 = \$num * 704 + 353 - 704
 @ rm_make_e33 = \$num * 704 + 363 - 704
 @ rm_make_s34 = \$num * 704 + 364 - 704
 @ rm_make_e34 = \$num * 704 + 374 - 704
 @ rm_make_s35 = \$num * 704 + 375 - 704
 @ rm_make_e35 = \$num * 704 + 385 - 704
 @ rm_make_s36 = \$num * 704 + 386 - 704
 @ rm_make_e36 = \$num * 704 + 396 - 704
 @ rm_make_s37 = \$num * 704 + 397 - 704
 @ rm_make_e37 = \$num * 704 + 407 - 704
 @ rm_make_s38 = \$num * 704 + 408 - 704
 @ rm_make_e38 = \$num * 704 + 418 - 704
 @ rm_make_s39 = \$num * 704 + 419 - 704
 @ rm_make_e39 = \$num * 704 + 429 - 704
 @ rm_make_s40 = \$num * 704 + 430 - 704
 @ rm_make_e40 = \$num * 704 + 440 - 704
 @ rm_make_s41 = \$num * 704 + 441 - 704
 @ rm_make_e41 = \$num * 704 + 451 - 704
 @ rm_make_s42 = \$num * 704 + 452 - 704
 @ rm_make_e42 = \$num * 704 + 462 - 704
 @ rm_make_s43 = \$num * 704 + 463 - 704
 @ rm_make_e43 = \$num * 704 + 473 - 704
 @ rm_make_s44 = \$num * 704 + 474 - 704
 @ rm_make_e44 = \$num * 704 + 484 - 704
 @ rm_make_s45 = \$num * 704 + 485 - 704
 @ rm_make_e45 = \$num * 704 + 495 - 704
 @ rm_make_s46 = \$num * 704 + 496 - 704
 @ rm_make_e46 = \$num * 704 + 506 - 704
 @ rm_make_s47 = \$num * 704 + 507 - 704
 @ rm_make_e47 = \$num * 704 + 517 - 704
 @ rm_make_s48 = \$num * 704 + 518 - 704
 @ rm_make_e48 = \$num * 704 + 528 - 704
 @ rm_make_s49 = \$num * 704 + 529 - 704

@ rm_make_e49 = \$num * 704 + 539 - 704
 @ rm_make_s50 = \$num * 704 + 540 - 704
 @ rm_make_e50 = \$num * 704 + 550 - 704
 @ rm_make_s51 = \$num * 704 + 551 - 704
 @ rm_make_e51 = \$num * 704 + 561 - 704
 @ rm_make_s52 = \$num * 704 + 562 - 704
 @ rm_make_e52 = \$num * 704 + 572 - 704
 @ rm_make_s53 = \$num * 704 + 573 - 704
 @ rm_make_e53 = \$num * 704 + 583 - 704
 @ rm_make_s54 = \$num * 704 + 584 - 704
 @ rm_make_e54 = \$num * 704 + 594 - 704
 @ rm_make_s55 = \$num * 704 + 595 - 704
 @ rm_make_e55 = \$num * 704 + 605 - 704
 @ rm_make_s56 = \$num * 704 + 606 - 704
 @ rm_make_e56 = \$num * 704 + 616 - 704
 @ rm_make_s57 = \$num * 704 + 617 - 704
 @ rm_make_e57 = \$num * 704 + 627 - 704
 @ rm_make_s58 = \$num * 704 + 628 - 704
 @ rm_make_e58 = \$num * 704 + 638 - 704
 @ rm_make_s59 = \$num * 704 + 639 - 704
 @ rm_make_e59 = \$num * 704 + 649 - 704
 @ rm_make_s60 = \$num * 704 + 650 - 704
 @ rm_make_e60 = \$num * 704 + 660 - 704
 @ rm_make_s61 = \$num * 704 + 661 - 704
 @ rm_make_e61 = \$num * 704 + 671 - 704
 @ rm_make_s62 = \$num * 704 + 672 - 704
 @ rm_make_e62 = \$num * 704 + 682 - 704
 @ rm_make_s63 = \$num * 704 + 683 - 704
 @ rm_make_e63 = \$num * 704 + 693 - 704
 @ rm_make_s64 = \$num * 704 + 694 - 704
 @ rm_make_e64 = \$num * 704 + 704 - 704
 rm
 \$LOAD1_D/OS\$rm_make_s1_rm_make_e1
 rm
 \$LOAD1_D/OL\$rm_make_s1_rm_make_e1
 rm
 \$LOAD1_D/NO\$rm_make_s1_rm_make_e1
 rm
 \$LOAD2_D/OS\$rm_make_s2_rm_make_e2
 rm
 \$LOAD2_D/OL\$rm_make_s2_rm_make_e2
 rm
 \$LOAD2_D/NO\$rm_make_s2_rm_make_e2
 rm
 \$LOAD3_D/OS\$rm_make_s3_rm_make_e3
 rm
 \$LOAD3_D/OL\$rm_make_s3_rm_make_e3
 rm
 \$LOAD3_D/NO\$rm_make_s3_rm_make_e3
 rm
 \$LOAD4_D/OS\$rm_make_s4_rm_make_e4
 rm
 \$LOAD4_D/OL\$rm_make_s4_rm_make_e4
 rm
 \$LOAD4_D/NO\$rm_make_s4_rm_make_e4
 rm
 \$LOAD5_D/OS\$rm_make_s5_rm_make_e5
 rm
 \$LOAD5_D/OL\$rm_make_s5_rm_make_e5
 rm
 \$LOAD5_D/NO\$rm_make_s5_rm_make_e5
 rm
 \$LOAD6_D/OS\$rm_make_s6_rm_make_e6
 rm
 \$LOAD6_D/OL\$rm_make_s6_rm_make_e6
 rm
 \$LOAD6_D/NO\$rm_make_s6_rm_make_e6
 rm
 \$LOAD7_D/OS\$rm_make_s7_rm_make_e7

rm
 \$LOAD7_D/OL\$rm_make_s7_rm_make_e7
 rm
 \$LOAD7_D/NO\$rm_make_s7_rm_make_e7
 rm
 \$LOAD8_D/OS\$rm_make_s8_rm_make_e8
 rm
 \$LOAD8_D/OL\$rm_make_s8_rm_make_e8
 rm
 \$LOAD8_D/NO\$rm_make_s8_rm_make_e8
 rm
 \$LOAD9_D/OS\$rm_make_s9_rm_make_e9
 rm
 \$LOAD9_D/OL\$rm_make_s9_rm_make_e9
 rm
 \$LOAD9_D/NO\$rm_make_s9_rm_make_e9
 rm
 \$LOAD10_D/OS\$rm_make_s10_rm_make_e10
 rm
 \$LOAD10_D/OL\$rm_make_s10_rm_make_e10
 rm
 \$LOAD10_D/NO\$rm_make_s10_rm_make_e10
 rm
 \$LOAD11_D/OS\$rm_make_s11_rm_make_e11
 rm
 \$LOAD11_D/OL\$rm_make_s11_rm_make_e11
 rm
 \$LOAD11_D/NO\$rm_make_s11_rm_make_e11
 rm
 \$LOAD12_D/OS\$rm_make_s12_rm_make_e12
 rm
 \$LOAD12_D/OL\$rm_make_s12_rm_make_e12
 rm
 \$LOAD12_D/NO\$rm_make_s12_rm_make_e12
 rm
 \$LOAD13_D/OS\$rm_make_s13_rm_make_e13
 rm
 \$LOAD13_D/OL\$rm_make_s13_rm_make_e13
 rm
 \$LOAD13_D/NO\$rm_make_s13_rm_make_e13
 rm
 \$LOAD14_D/OS\$rm_make_s14_rm_make_e14
 rm
 \$LOAD14_D/OL\$rm_make_s14_rm_make_e14
 rm
 \$LOAD14_D/NO\$rm_make_s14_rm_make_e14
 rm
 \$LOAD15_D/OS\$rm_make_s15_rm_make_e15
 rm
 \$LOAD15_D/OL\$rm_make_s15_rm_make_e15
 rm
 \$LOAD15_D/NO\$rm_make_s15_rm_make_e15
 rm
 \$LOAD16_D/OS\$rm_make_s16_rm_make_e16
 rm
 \$LOAD16_D/OL\$rm_make_s16_rm_make_e16
 rm
 \$LOAD16_D/NO\$rm_make_s16_rm_make_e16
 rm
 \$LOAD17_D/OS\$rm_make_s17_rm_make_e17
 rm
 \$LOAD17_D/OL\$rm_make_s17_rm_make_e17
 rm
 \$LOAD17_D/NO\$rm_make_s17_rm_make_e17
 rm
 \$LOAD18_D/OS\$rm_make_s18_rm_make_e18
 rm
 \$LOAD18_D/OL\$rm_make_s18_rm_make_e18

rm
 \$LOAD18_D/NO\$rm_make_s18_rm_make_e18
 rm
 \$LOAD19_D/OS\$rm_make_s19_rm_make_e19
 rm
 \$LOAD19_D/OL\$rm_make_s19_rm_make_e19
 rm
 \$LOAD19_D/NO\$rm_make_s19_rm_make_e19
 rm
 \$LOAD20_D/OS\$rm_make_s20_rm_make_e20
 rm
 \$LOAD20_D/OL\$rm_make_s20_rm_make_e20
 rm
 \$LOAD20_D/NO\$rm_make_s20_rm_make_e20
 rm
 \$LOAD21_D/OS\$rm_make_s21_rm_make_e21
 rm
 \$LOAD21_D/OL\$rm_make_s21_rm_make_e21
 rm
 \$LOAD21_D/NO\$rm_make_s21_rm_make_e21
 rm
 \$LOAD22_D/OS\$rm_make_s22_rm_make_e22
 rm
 \$LOAD22_D/OL\$rm_make_s22_rm_make_e22
 rm
 \$LOAD22_D/NO\$rm_make_s22_rm_make_e22
 rm
 \$LOAD23_D/OS\$rm_make_s23_rm_make_e23
 rm
 \$LOAD23_D/OL\$rm_make_s23_rm_make_e23
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 \$LOAD23_D/NO\$rm_make_s23_rm_make_e23
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 \$LOAD24_D/OS\$rm_make_s24_rm_make_e24
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 \$LOAD24_D/OL\$rm_make_s24_rm_make_e24
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 \$LOAD24_D/NO\$rm_make_s24_rm_make_e24
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 \$LOAD25_D/OS\$rm_make_s25_rm_make_e25
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 \$LOAD25_D/OL\$rm_make_s25_rm_make_e25
 rm
 \$LOAD25_D/NO\$rm_make_s25_rm_make_e25
 rm
 \$LOAD26_D/OS\$rm_make_s26_rm_make_e26
 rm
 \$LOAD26_D/OL\$rm_make_s26_rm_make_e26
 rm
 \$LOAD26_D/NO\$rm_make_s26_rm_make_e26
 rm
 \$LOAD27_D/OS\$rm_make_s27_rm_make_e27
 rm
 \$LOAD27_D/OL\$rm_make_s27_rm_make_e27
 rm
 \$LOAD27_D/NO\$rm_make_s27_rm_make_e27
 rm
 \$LOAD28_D/OS\$rm_make_s28_rm_make_e28
 rm
 \$LOAD28_D/OL\$rm_make_s28_rm_make_e28
 rm
 \$LOAD28_D/NO\$rm_make_s28_rm_make_e28
 rm
 \$LOAD29_D/OS\$rm_make_s29_rm_make_e29
 rm
 \$LOAD29_D/OL\$rm_make_s29_rm_make_e29
 rm
 \$LOAD29_D/NO\$rm_make_s29_rm_make_e29

rm
 \$LOAD30_D/OS\$rm_make_s30_rm_make_e30
 rm
 \$LOAD30_D/OL\$rm_make_s30_rm_make_e30
 rm
 \$LOAD30_D/NO\$rm_make_s30_rm_make_e30
 rm
 \$LOAD31_D/OS\$rm_make_s31_rm_make_e31
 rm
 \$LOAD31_D/OL\$rm_make_s31_rm_make_e31
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 \$LOAD31_D/NO\$rm_make_s31_rm_make_e31
 rm
 \$LOAD32_D/OS\$rm_make_s32_rm_make_e32
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 \$LOAD32_D/OL\$rm_make_s32_rm_make_e32
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 \$LOAD32_D/NO\$rm_make_s32_rm_make_e32
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 \$LOAD33_D/OS\$rm_make_s33_rm_make_e33
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 \$LOAD33_D/OL\$rm_make_s33_rm_make_e33
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 \$LOAD33_D/NO\$rm_make_s33_rm_make_e33
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 \$LOAD34_D/OS\$rm_make_s34_rm_make_e34
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 \$LOAD34_D/OL\$rm_make_s34_rm_make_e34
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 \$LOAD34_D/NO\$rm_make_s34_rm_make_e34
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 \$LOAD35_D/OS\$rm_make_s35_rm_make_e35
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 \$LOAD35_D/OL\$rm_make_s35_rm_make_e35
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 \$LOAD35_D/NO\$rm_make_s35_rm_make_e35
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 \$LOAD36_D/OS\$rm_make_s36_rm_make_e36
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 \$LOAD36_D/OL\$rm_make_s36_rm_make_e36
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 \$LOAD36_D/NO\$rm_make_s36_rm_make_e36
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 \$LOAD37_D/OS\$rm_make_s37_rm_make_e37
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 \$LOAD37_D/OL\$rm_make_s37_rm_make_e37
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 \$LOAD37_D/NO\$rm_make_s37_rm_make_e37
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 \$LOAD38_D/OS\$rm_make_s38_rm_make_e38
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 \$LOAD38_D/OL\$rm_make_s38_rm_make_e38
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 \$LOAD38_D/NO\$rm_make_s38_rm_make_e38
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 \$LOAD39_D/OS\$rm_make_s39_rm_make_e39
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 \$LOAD39_D/OL\$rm_make_s39_rm_make_e39
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 \$LOAD39_D/NO\$rm_make_s39_rm_make_e39
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 \$LOAD40_D/OS\$rm_make_s40_rm_make_e40
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 \$LOAD40_D/OL\$rm_make_s40_rm_make_e40
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 \$LOAD40_D/NO\$rm_make_s40_rm_make_e40
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 \$LOAD41_D/OS\$rm_make_s41_rm_make_e41

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 \$LOAD41_D/OL\$rm_make_s41_rm_make_e41
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 \$LOAD41_D/NO\$rm_make_s41_rm_make_e41
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 \$LOAD42_D/OS\$rm_make_s42_rm_make_e42
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 \$LOAD42_D/OL\$rm_make_s42_rm_make_e42
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 \$LOAD42_D/NO\$rm_make_s42_rm_make_e42
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 \$LOAD43_D/OS\$rm_make_s43_rm_make_e43
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 \$LOAD43_D/OL\$rm_make_s43_rm_make_e43
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 \$LOAD43_D/NO\$rm_make_s43_rm_make_e43
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 \$LOAD44_D/OS\$rm_make_s44_rm_make_e44
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 \$LOAD44_D/OL\$rm_make_s44_rm_make_e44
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 \$LOAD44_D/NO\$rm_make_s44_rm_make_e44
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 \$LOAD45_D/OS\$rm_make_s45_rm_make_e45
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 \$LOAD45_D/OL\$rm_make_s45_rm_make_e45
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 \$LOAD45_D/NO\$rm_make_s45_rm_make_e45
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 \$LOAD46_D/OS\$rm_make_s46_rm_make_e46
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 \$LOAD46_D/OL\$rm_make_s46_rm_make_e46
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 \$LOAD46_D/NO\$rm_make_s46_rm_make_e46
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 \$LOAD47_D/OS\$rm_make_s47_rm_make_e47
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 \$LOAD47_D/OL\$rm_make_s47_rm_make_e47
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 \$LOAD47_D/NO\$rm_make_s47_rm_make_e47
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 \$LOAD48_D/OS\$rm_make_s48_rm_make_e48
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 \$LOAD48_D/OL\$rm_make_s48_rm_make_e48
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 \$LOAD48_D/NO\$rm_make_s48_rm_make_e48
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 \$LOAD49_D/OS\$rm_make_s49_rm_make_e49
 rm
 \$LOAD49_D/OL\$rm_make_s49_rm_make_e49
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 \$LOAD49_D/NO\$rm_make_s49_rm_make_e49
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 \$LOAD50_D/OS\$rm_make_s50_rm_make_e50
 rm
 \$LOAD50_D/OL\$rm_make_s50_rm_make_e50
 rm
 \$LOAD50_D/NO\$rm_make_s50_rm_make_e50
 rm
 \$LOAD51_D/OS\$rm_make_s51_rm_make_e51
 rm
 \$LOAD51_D/OL\$rm_make_s51_rm_make_e51
 rm
 \$LOAD51_D/NO\$rm_make_s51_rm_make_e51
 rm
 \$LOAD52_D/OS\$rm_make_s52_rm_make_e52
 rm
 \$LOAD52_D/OL\$rm_make_s52_rm_make_e52

rm	rm	timex rdbloader -mi -i
\$LOAD52_D/NO\$rm_make_s52_\$rm_make_e52	\$LOAD64_D/OS\$rm_make_s64_\$rm_make_e64	\$RDBDB.OORDERS_\$dsi_num_os7_DSI -h -f 10\
rm	rm	-
\$LOAD53_D/OS\$rm_make_s53_\$rm_make_e53	\$LOAD64_D/OL\$rm_make_s64_\$rm_make_e64	s \$WK13_D \
rm	rm	-
\$LOAD53_D/OL\$rm_make_s53_\$rm_make_e53	\$LOAD64_D/NO\$rm_make_s64_\$rm_make_e64	s \$WK14_D \
rm	endif	
\$LOAD53_D/NO\$rm_make_s53_\$rm_make_e53	if (\$dsi_num_os1 <= 1800) then	\$LOAD7_D/OS\$make_s7_\$make_e7 &
rm	timex rdbloader -mi -i	endif
\$LOAD54_D/OS\$rm_make_s54_\$rm_make_e54	\$RDBDB.OORDERS_\$dsi_num_os1_DSI -h -f 10\	if (\$dsi_num_os8 <= 1800) then
rm	-	timex rdbloader -mi -i
\$LOAD54_D/OL\$rm_make_s54_\$rm_make_e54	s \$WK1_D \	\$RDBDB.OORDERS_\$dsi_num_os8_DSI -h -f 10\
rm	-	-
\$LOAD54_D/NO\$rm_make_s54_\$rm_make_e54	s \$WK2_D \	s \$WK15_D \
rm		-
\$LOAD55_D/OS\$rm_make_s55_\$rm_make_e55	\$LOAD1_D/OS\$make_s1_\$make_e1 &	s \$WK16_D \
rm	endif	
\$LOAD55_D/OL\$rm_make_s55_\$rm_make_e55	if (\$dsi_num_os2 <= 1800) then	\$LOAD8_D/OS\$make_s8_\$make_e8 &
rm	timex rdbloader -mi -i	endif
\$LOAD55_D/NO\$rm_make_s55_\$rm_make_e55	\$RDBDB.OORDERS_\$dsi_num_os2_DSI -h -f 10\	if (\$dsi_num_os9 <= 1800) then
rm	-	timex rdbloader -mi -i
\$LOAD56_D/OS\$rm_make_s56_\$rm_make_e56	s \$WK3_D \	\$RDBDB.OORDERS_\$dsi_num_os9_DSI -h -f 10\
rm	-	-
\$LOAD56_D/OL\$rm_make_s56_\$rm_make_e56	s \$WK4_D \	s \$WK17_D \
rm		-
\$LOAD56_D/NO\$rm_make_s56_\$rm_make_e56	\$LOAD2_D/OS\$make_s2_\$make_e2 &	s \$WK18_D \
rm	endif	
\$LOAD57_D/OS\$rm_make_s57_\$rm_make_e57	if (\$dsi_num_os3 <= 1800) then	\$LOAD9_D/OS\$make_s9_\$make_e9 &
rm	timex rdbloader -mi -i	endif
\$LOAD57_D/OL\$rm_make_s57_\$rm_make_e57	\$RDBDB.OORDERS_\$dsi_num_os3_DSI -h -f 10\	if (\$dsi_num_os10 <= 1800) then
rm	-	timex rdbloader -mi -i
\$LOAD57_D/NO\$rm_make_s57_\$rm_make_e57	s \$WK5_D \	\$RDBDB.OORDERS_\$dsi_num_os10_DSI -h -f 10\
rm	-	-
\$LOAD58_D/OS\$rm_make_s58_\$rm_make_e58	s \$WK6_D \	s \$WK19_D \
rm		-
\$LOAD58_D/OL\$rm_make_s58_\$rm_make_e58	\$LOAD3_D/OS\$make_s3_\$make_e3 &	s \$WK20_D \
rm	endif	
\$LOAD58_D/NO\$rm_make_s58_\$rm_make_e58	if (\$dsi_num_os4 <= 1800) then	\$LOAD10_D/OS\$make_s10_\$make_e10
rm	timex rdbloader -mi -i	&
\$LOAD59_D/OS\$rm_make_s59_\$rm_make_e59	\$RDBDB.OORDERS_\$dsi_num_os4_DSI -h -f 10\	endif
rm	-	if (\$dsi_num_os11 <= 1800) then
\$LOAD59_D/OL\$rm_make_s59_\$rm_make_e59	s \$WK7_D \	timex rdbloader -mi -i
rm	-	\$RDBDB.OORDERS_\$dsi_num_os11_DSI -h -f 10\
\$LOAD59_D/NO\$rm_make_s59_\$rm_make_e59	s \$WK8_D \	-
rm		s \$WK21_D \
\$LOAD60_D/OS\$rm_make_s60_\$rm_make_e60	\$LOAD4_D/OS\$make_s4_\$make_e4 &	s \$WK22_D \
rm	endif	
\$LOAD60_D/OL\$rm_make_s60_\$rm_make_e60	if (\$dsi_num_os5 <= 1800) then	\$LOAD11_D/OS\$make_s11_\$make_e11
rm	timex rdbloader -mi -i	&
\$LOAD60_D/NO\$rm_make_s60_\$rm_make_e60	\$RDBDB.OORDERS_\$dsi_num_os5_DSI -h -f 10\	endif
rm	-	if (\$dsi_num_os12 <= 1800) then
\$LOAD61_D/OS\$rm_make_s61_\$rm_make_e61	s \$WK9_D \	timex rdbloader -mi -i
rm	-	\$RDBDB.OORDERS_\$dsi_num_os12_DSI -h -f 10\
\$LOAD61_D/OL\$rm_make_s61_\$rm_make_e61	s \$WK10_D \	-
rm		s \$WK23_D \
\$LOAD61_D/NO\$rm_make_s61_\$rm_make_e61	\$LOAD5_D/OS\$make_s5_\$make_e5 &	s \$WK24_D \
rm	endif	
\$LOAD62_D/OS\$rm_make_s62_\$rm_make_e62	if (\$dsi_num_os6 <= 1800) then	\$LOAD12_D/OS\$make_s12_\$make_e12
rm	timex rdbloader -mi -i	&
\$LOAD62_D/OL\$rm_make_s62_\$rm_make_e62	\$RDBDB.OORDERS_\$dsi_num_os6_DSI -h -f 10\	endif
rm	-	if (\$dsi_num_os13 <= 1800) then
\$LOAD62_D/NO\$rm_make_s62_\$rm_make_e62	s \$WK11_D \	timex rdbloader -mi -i
rm	-	\$RDBDB.OORDERS_\$dsi_num_os13_DSI -h -f 10\
\$LOAD63_D/OS\$rm_make_s63_\$rm_make_e63	s \$WK12_D \	-
rm		
\$LOAD63_D/OL\$rm_make_s63_\$rm_make_e63	\$LOAD6_D/OS\$make_s6_\$make_e6 &	
rm	endif	
\$LOAD63_D/NO\$rm_make_s63_\$rm_make_e63	if (\$dsi_num_os7 <= 1800) then	

s \$WK25_D \	timex rdbloader -mi -i	\$LOAD24_D/OS\$make_s24_\$make_e24
s \$WK26_D \	\$RDBDB.ORDER\$_\$dsi_num_os19_DSI -h -f 10\	&
\$LOAD13_D/OS\$make_s13_\$make_e13	s \$WK37_D \	endif
&	s \$WK38_D \	if (\$dsi_num_os25 <= 1800) then
endif	\$LOAD19_D/OS\$make_s19_\$make_e19	timex rdbloader -mi -i
if (\$dsi_num_os14 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os25_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK49_D \
\$RDBDB.ORDER\$_\$dsi_num_os14_DSI -h -f 10\	if (\$dsi_num_os20 <= 1800) then	s \$WK50_D \
s \$WK27_D \	timex rdbloader -mi -i	\$LOAD25_D/OS\$make_s25_\$make_e25
s \$WK28_D \	\$RDBDB.ORDER\$_\$dsi_num_os20_DSI -h -f 10\	&
\$LOAD14_D/OS\$make_s14_\$make_e14	s \$WK39_D \	endif
&	s \$WK40_D \	if (\$dsi_num_os26 <= 1800) then
endif	\$LOAD20_D/OS\$make_s20_\$make_e20	timex rdbloader -mi -i
if (\$dsi_num_os15 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os26_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK51_D \
\$RDBDB.ORDER\$_\$dsi_num_os15_DSI -h -f 10\	if (\$dsi_num_os21 <= 1800) then	s \$WK52_D \
s \$WK29_D \	timex rdbloader -mi -i	\$LOAD26_D/OS\$make_s26_\$make_e26
s \$WK30_D \	\$RDBDB.ORDER\$_\$dsi_num_os21_DSI -h -f 10\	&
\$LOAD15_D/OS\$make_s15_\$make_e15	s \$WK41_D \	endif
&	s \$WK42_D \	if (\$dsi_num_os27 <= 1800) then
endif	\$LOAD21_D/OS\$make_s21_\$make_e21	timex rdbloader -mi -i
if (\$dsi_num_os16 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os27_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK53_D \
\$RDBDB.ORDER\$_\$dsi_num_os16_DSI -h -f 10\	if (\$dsi_num_os22 <= 1800) then	s \$WK54_D \
s \$WK31_D \	timex rdbloader -mi -i	\$LOAD27_D/OS\$make_s27_\$make_e27
s \$WK32_D \	\$RDBDB.ORDER\$_\$dsi_num_os22_DSI -h -f 10\	&
\$LOAD16_D/OS\$make_s16_\$make_e16	s \$WK43_D \	endif
&	s \$WK44_D \	if (\$dsi_num_os28 <= 1800) then
endif	\$LOAD22_D/OS\$make_s22_\$make_e22	timex rdbloader -mi -i
if (\$dsi_num_os17 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os28_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK55_D \
\$RDBDB.ORDER\$_\$dsi_num_os17_DSI -h -f 10\	if (\$dsi_num_os23 <= 1800) then	s \$WK56_D \
s \$WK33_D \	timex rdbloader -mi -i	\$LOAD28_D/OS\$make_s28_\$make_e28
s \$WK34_D \	\$RDBDB.ORDER\$_\$dsi_num_os23_DSI -h -f 10\	&
\$LOAD17_D/OS\$make_s17_\$make_e17	s \$WK45_D \	endif
&	s \$WK46_D \	if (\$dsi_num_os29 <= 1800) then
endif	\$LOAD23_D/OS\$make_s23_\$make_e23	timex rdbloader -mi -i
if (\$dsi_num_os18 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os29_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK57_D \
\$RDBDB.ORDER\$_\$dsi_num_os18_DSI -h -f 10\	if (\$dsi_num_os24 <= 1800) then	s \$WK58_D \
s \$WK35_D \	timex rdbloader -mi -i	\$LOAD29_D/OS\$make_s29_\$make_e29
s \$WK36_D \	\$RDBDB.ORDER\$_\$dsi_num_os24_DSI -h -f 10\	&
\$LOAD18_D/OS\$make_s18_\$make_e18	s \$WK47_D \	endif
&	s \$WK48_D \	if (\$dsi_num_os30 <= 1800) then
endif	timex rdbloader -mi -i	timex rdbloader -mi -i
if (\$dsi_num_os19 <= 1800) then	\$RDBDB.ORDER\$_\$dsi_num_os30_DSI -h -f 10\	\$RDBDB.ORDER\$_\$dsi_num_os30_DSI -h -f 10\

s \$WK59_D \	timex rdbloader -mi -i	\$LOAD41_D/OS\$make_s41_\$make_e41
s \$WK60_D \	\$RDBDB.ORDER\$_\$dsi_num_os36_DSI -h -f 10\	&
\$LOAD30_D/OS\$make_s30_\$make_e30	s \$WK71_D \	endif
&	s \$WK72_D \	if (\$dsi_num_os42 <= 1800) then
endif	\$LOAD36_D/OS\$make_s36_\$make_e36	timex rdbloader -mi -i
if (\$dsi_num_os31 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os42_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK83_D \
\$RDBDB.ORDER\$_\$dsi_num_os31_DSI -h -f 10\	if (\$dsi_num_os37 <= 1800) then	s \$WK84_D \
s \$WK61_D \	timex rdbloader -mi -i	\$LOAD42_D/OS\$make_s42_\$make_e42
s \$WK62_D \	\$RDBDB.ORDER\$_\$dsi_num_os37_DSI -h -f 10\	&
\$LOAD31_D/OS\$make_s31_\$make_e31	s \$WK73_D \	endif
&	s \$WK74_D \	if (\$dsi_num_os43 <= 1800) then
endif	\$LOAD37_D/OS\$make_s37_\$make_e37	timex rdbloader -mi -i
if (\$dsi_num_os32 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os43_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK85_D \
\$RDBDB.ORDER\$_\$dsi_num_os32_DSI -h -f 10\	if (\$dsi_num_os38 <= 1800) then	s \$WK86_D \
s \$WK63_D \	timex rdbloader -mi -i	\$LOAD43_D/OS\$make_s43_\$make_e43
s \$WK64_D \	\$RDBDB.ORDER\$_\$dsi_num_os38_DSI -h -f 10\	&
\$LOAD32_D/OS\$make_s32_\$make_e32	s \$WK75_D \	endif
&	s \$WK76_D \	if (\$dsi_num_os44 <= 1800) then
endif	\$LOAD38_D/OS\$make_s38_\$make_e38	timex rdbloader -mi -i
if (\$dsi_num_os33 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os44_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK87_D \
\$RDBDB.ORDER\$_\$dsi_num_os33_DSI -h -f 10\	if (\$dsi_num_os39 <= 1800) then	s \$WK88_D \
s \$WK65_D \	timex rdbloader -mi -i	\$LOAD44_D/OS\$make_s44_\$make_e44
s \$WK66_D \	\$RDBDB.ORDER\$_\$dsi_num_os39_DSI -h -f 10\	&
\$LOAD33_D/OS\$make_s33_\$make_e33	s \$WK77_D \	endif
&	s \$WK78_D \	if (\$dsi_num_os45 <= 1800) then
endif	\$LOAD39_D/OS\$make_s39_\$make_e39	timex rdbloader -mi -i
if (\$dsi_num_os34 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os45_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK89_D \
\$RDBDB.ORDER\$_\$dsi_num_os34_DSI -h -f 10\	if (\$dsi_num_os40 <= 1800) then	s \$WK90_D \
s \$WK67_D \	timex rdbloader -mi -i	\$LOAD45_D/OS\$make_s45_\$make_e45
s \$WK68_D \	\$RDBDB.ORDER\$_\$dsi_num_os40_DSI -h -f 10\	&
\$LOAD34_D/OS\$make_s34_\$make_e34	s \$WK79_D \	endif
&	s \$WK80_D \	if (\$dsi_num_os46 <= 1800) then
endif	\$LOAD40_D/OS\$make_s40_\$make_e40	timex rdbloader -mi -i
if (\$dsi_num_os35 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os46_DSI -h -f 10\
timex rdbloader -mi -i	endif	s \$WK91_D \
\$RDBDB.ORDER\$_\$dsi_num_os35_DSI -h -f 10\	if (\$dsi_num_os41 <= 1800) then	s \$WK92_D \
s \$WK69_D \	timex rdbloader -mi -i	\$LOAD46_D/OS\$make_s46_\$make_e46
s \$WK70_D \	\$RDBDB.ORDER\$_\$dsi_num_os41_DSI -h -f 10\	&
\$LOAD35_D/OS\$make_s35_\$make_e35	s \$WK81_D \	endif
&	s \$WK82_D \	if (\$dsi_num_os47 <= 1800) then
endif	\$LOAD41_D/OS\$make_s41_\$make_e41	timex rdbloader -mi -i
if (\$dsi_num_os36 <= 1800) then	&	\$RDBDB.ORDER\$_\$dsi_num_os47_DSI -h -f 10\

<pre> s \$WK93_D \ s \$WK94_D \ \$LOAD47_D/OS\$make_s47_\$make_e47 & endif if (\$dsi_num_os48 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os48_DSI -h -f 10\ s \$WK95_D \ s \$WK96_D \ \$LOAD48_D/OS\$make_s48_\$make_e48 & endif if (\$dsi_num_os49 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os49_DSI -h -f 10\ s \$WK97_D \ s \$WK98_D \ \$LOAD49_D/OS\$make_s49_\$make_e49 & endif if (\$dsi_num_os50 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os50_DSI -h -f 10\ s \$WK99_D \ s \$WK100_D \ \$LOAD50_D/OS\$make_s50_\$make_e50 & endif if (\$dsi_num_os51 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os51_DSI -h -f 10\ s \$WK101_D \ s \$WK102_D \ \$LOAD51_D/OS\$make_s51_\$make_e51 & endif if (\$dsi_num_os52 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os52_DSI -h -f 10\ s \$WK103_D \ s \$WK104_D \ \$LOAD52_D/OS\$make_s52_\$make_e52 & endif if (\$dsi_num_os53 <= 1800) then </pre>	<pre> timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os53_DSI -h -f 10\ s \$WK105_D \ s \$WK106_D \ \$LOAD53_D/OS\$make_s53_\$make_e53 & endif if (\$dsi_num_os54 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os54_DSI -h -f 10\ s \$WK107_D \ s \$WK108_D \ \$LOAD54_D/OS\$make_s54_\$make_e54 & endif if (\$dsi_num_os55 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os55_DSI -h -f 10\ s \$WK109_D \ s \$WK110_D \ \$LOAD55_D/OS\$make_s55_\$make_e55 & endif if (\$dsi_num_os56 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os56_DSI -h -f 10\ s \$WK111_D \ s \$WK112_D \ \$LOAD56_D/OS\$make_s56_\$make_e56 & endif if (\$dsi_num_os57 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os57_DSI -h -f 10\ s \$WK113_D \ s \$WK114_D \ \$LOAD57_D/OS\$make_s57_\$make_e57 & endif if (\$dsi_num_os58 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os58_DSI -h -f 10\ s \$WK115_D \ s \$WK116_D \ </pre>	<pre> \$LOAD58_D/OS\$make_s58_\$make_e58 & endif if (\$dsi_num_os59 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os59_DSI -h -f 10\ s \$WK117_D \ s \$WK118_D \ \$LOAD59_D/OS\$make_s59_\$make_e59 & endif if (\$dsi_num_os60 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os60_DSI -h -f 10\ s \$WK119_D \ s \$WK120_D \ \$LOAD60_D/OS\$make_s60_\$make_e60 & endif if (\$dsi_num_os61 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os61_DSI -h -f 10\ s \$WK121_D \ s \$WK122_D \ \$LOAD61_D/OS\$make_s61_\$make_e61 & endif if (\$dsi_num_os62 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os62_DSI -h -f 10\ s \$WK123_D \ s \$WK124_D \ \$LOAD62_D/OS\$make_s62_\$make_e62 & endif if (\$dsi_num_os63 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os63_DSI -h -f 10\ s \$WK125_D \ s \$WK126_D \ \$LOAD63_D/OS\$make_s63_\$make_e63 & endif if (\$dsi_num_os64 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDER\$_dsi_num_os64_DSI -h -f 10\ </pre>
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s \$WK127_D \	s \$WK10_D \	\$LOAD10_D/NO\$make_s10_\$make_e10 & endif
s \$WK128_D \	n \	if (\$dsi_num_no11 <= 1800) then
\$LOAD64_D/OS\$make_s64_\$make_e64	\$LOAD5_D/NO\$make_s5_\$make_e5 & endif	timex rdbloader -mi -i
& endif	if (\$dsi_num_no6 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no11_DSI -h -f 20 \
wait	timex rdbloader -mi -i	s \$WK21_D \
if (\$dsi_num_no1 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no6_DSI -h -f 20 \	s \$WK22_D \
timex rdbloader -mi -i	s \$WK11_D \	n \
\$RDBDB.NEWORDER_\$dsi_num_no1_DSI -h -f 20 \	s \$WK12_D \	\$LOAD11_D/NO\$make_s11_\$make_e11 & endif
s \$WK1_D \	n \	if (\$dsi_num_no12 <= 1800) then
s \$WK2_D \	\$LOAD6_D/NO\$make_s6_\$make_e6 & endif	timex rdbloader -mi -i
n \	if (\$dsi_num_no7 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no12_DSI -h -f 20 \
\$LOAD1_D/NO\$make_s1_\$make_e1 & endif	timex rdbloader -mi -i	s \$WK23_D \
if (\$dsi_num_no2 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no7_DSI -h -f 20 \	s \$WK24_D \
timex rdbloader -mi -i	s \$WK13_D \	n \
\$RDBDB.NEWORDER_\$dsi_num_no2_DSI -h -f 20 \	s \$WK14_D \	\$LOAD12_D/NO\$make_s12_\$make_e12 & endif
s \$WK3_D \	n \	if (\$dsi_num_no13 <= 1800) then
s \$WK4_D \	\$LOAD7_D/NO\$make_s7_\$make_e7 & endif	timex rdbloader -mi -i
n \	if (\$dsi_num_no8 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no13_DSI -h -f 20 \
\$LOAD2_D/NO\$make_s2_\$make_e2 & endif	timex rdbloader -mi -i	s \$WK25_D \
if (\$dsi_num_no3 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no8_DSI -h -f 20 \	s \$WK26_D \
timex rdbloader -mi -i	s \$WK15_D \	n \
\$RDBDB.NEWORDER_\$dsi_num_no3_DSI -h -f 20 \	s \$WK16_D \	\$LOAD13_D/NO\$make_s13_\$make_e13 & endif
s \$WK5_D \	n \	if (\$dsi_num_no14 <= 1800) then
s \$WK6_D \	\$LOAD8_D/NO\$make_s8_\$make_e8 & endif	timex rdbloader -mi -i
n \	if (\$dsi_num_no9 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no14_DSI -h -f 20 \
\$LOAD3_D/NO\$make_s3_\$make_e3 & endif	timex rdbloader -mi -i	s \$WK27_D \
if (\$dsi_num_no4 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no9_DSI -h -f 20 \	s \$WK28_D \
timex rdbloader -mi -i	s \$WK17_D \	n \
\$RDBDB.NEWORDER_\$dsi_num_no4_DSI -h -f 20 \	s \$WK18_D \	\$LOAD14_D/NO\$make_s14_\$make_e14 & endif
s \$WK7_D \	n \	if (\$dsi_num_no15 <= 1800) then
s \$WK8_D \	\$LOAD9_D/NO\$make_s9_\$make_e9 & endif	timex rdbloader -mi -i
n \	if (\$dsi_num_no10 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no15_DSI -h -f 20 \
\$LOAD4_D/NO\$make_s4_\$make_e4 & endif	timex rdbloader -mi -i	s \$WK29_D \
if (\$dsi_num_no5 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no10_DSI -h -f 20 \	s \$WK30_D \
timex rdbloader -mi -i	s \$WK19_D \	n \
\$RDBDB.NEWORDER_\$dsi_num_no5_DSI -h -f 20 \	s \$WK20_D \	\$LOAD15_D/NO\$make_s15_\$make_e15 & endif
s \$WK9_D \	n \	if (\$dsi_num_no16 <= 1800) then

timex rdbloader -mi -i		
\$RDBDB.NEWORDER_\$\$dsi_num_no16\\$_DSI -h -f 20 \	s \$WK41_D \	n \
s \$WK31_D \	s \$WK42_D \	\$LOAD26_D/NO\$make_s26_\$_make_e26 & endif
s \$WK32_D \	n \	if (\$dsi_num_no27 <= 1800) then
n \	\$LOAD21_D/NO\$make_s21_\$_make_e21 & endif	timex rdbloader -mi -i
\$LOAD16_D/NO\$make_s16_\$_make_e16 & endif	if (\$dsi_num_no22 <= 1800) then	\$RDBDB.NEWORDER_\$\$dsi_num_no27\\$_DSI -h -f 20 \
if (\$dsi_num_no17 <= 1800) then	timex rdbloader -mi -i	s \$WK53_D \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_\$\$dsi_num_no22\\$_DSI -h -f 20 \	s \$WK54_D \
\$RDBDB.NEWORDER_\$\$dsi_num_no17\\$_DSI -h -f 20 \	s \$WK43_D \	n \
s \$WK33_D \	s \$WK44_D \	\$LOAD27_D/NO\$make_s27_\$_make_e27 & endif
s \$WK34_D \	n \	if (\$dsi_num_no28 <= 1800) then
n \	\$LOAD22_D/NO\$make_s22_\$_make_e22 & endif	timex rdbloader -mi -i
\$LOAD17_D/NO\$make_s17_\$_make_e17 & endif	if (\$dsi_num_no23 <= 1800) then	\$RDBDB.NEWORDER_\$\$dsi_num_no28\\$_DSI -h -f 20 \
if (\$dsi_num_no18 <= 1800) then	timex rdbloader -mi -i	s \$WK55_D \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_\$\$dsi_num_no23\\$_DSI -h -f 20 \	s \$WK56_D \
\$RDBDB.NEWORDER_\$\$dsi_num_no18\\$_DSI -h -f 20 \	s \$WK45_D \	n \
s \$WK35_D \	s \$WK46_D \	\$LOAD28_D/NO\$make_s28_\$_make_e28 & endif
s \$WK36_D \	n \	if (\$dsi_num_no29 <= 1800) then
n \	\$LOAD23_D/NO\$make_s23_\$_make_e23 & endif	timex rdbloader -mi -i
\$LOAD18_D/NO\$make_s18_\$_make_e18 & endif	if (\$dsi_num_no24 <= 1800) then	\$RDBDB.NEWORDER_\$\$dsi_num_no29\\$_DSI -h -f 20 \
if (\$dsi_num_no19 <= 1800) then	timex rdbloader -mi -i	s \$WK57_D \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_\$\$dsi_num_no24\\$_DSI -h -f 20 \	s \$WK58_D \
\$RDBDB.NEWORDER_\$\$dsi_num_no19\\$_DSI -h -f 20 \	s \$WK47_D \	n \
s \$WK37_D \	s \$WK48_D \	\$LOAD29_D/NO\$make_s29_\$_make_e29 & endif
s \$WK38_D \	n \	if (\$dsi_num_no30 <= 1800) then
n \	\$LOAD24_D/NO\$make_s24_\$_make_e24 & endif	timex rdbloader -mi -i
\$LOAD19_D/NO\$make_s19_\$_make_e19 & endif	if (\$dsi_num_no25 <= 1800) then	\$RDBDB.NEWORDER_\$\$dsi_num_no30\\$_DSI -h -f 20 \
if (\$dsi_num_no20 <= 1800) then	timex rdbloader -mi -i	s \$WK59_D \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_\$\$dsi_num_no25\\$_DSI -h -f 20 \	s \$WK60_D \
\$RDBDB.NEWORDER_\$\$dsi_num_no20\\$_DSI -h -f 20 \	s \$WK49_D \	n \
s \$WK39_D \	s \$WK50_D \	\$LOAD30_D/NO\$make_s30_\$_make_e30 & endif
s \$WK40_D \	n \	if (\$dsi_num_no31 <= 1800) then
n \	\$LOAD25_D/NO\$make_s25_\$_make_e25 & endif	timex rdbloader -mi -i
\$LOAD20_D/NO\$make_s20_\$_make_e20 & endif	if (\$dsi_num_no26 <= 1800) then	\$RDBDB.NEWORDER_\$\$dsi_num_no31\\$_DSI -h -f 20 \
if (\$dsi_num_no21 <= 1800) then	timex rdbloader -mi -i	s \$WK61_D \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_\$\$dsi_num_no26\\$_DSI -h -f 20 \	s \$WK62_D \
\$RDBDB.NEWORDER_\$\$dsi_num_no21\\$_DSI -h -f 20 \	s \$WK51_D \	n \
s \$WK52_D \	s \$WK52_D \	\$LOAD31_D/NO\$make_s31_\$_make_e31 &

endif	timex rdbloader -mi -i	-
if (\$dsi_num_no32 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no37\ _DSI -h -	s \$WK83_D \
timex rdbloader -mi -i	f 20 \	-
\$RDBDB.NEWORDER_ \$dsi_num_no32\ _DSI -h -	s \$WK73_D \	s \$WK84_D \
f 20 \	-	-
s \$WK63_D \	s \$WK74_D \	n \
-	-	-
s \$WK64_D \	n \	\$LOAD42_D/NO\$make_s42_ \$make_e42 &
-	-	endif
n \	\$LOAD37_D/NO\$make_s37_ \$make_e37 &	if (\$dsi_num_no43 <= 1800) then
\$LOAD32_D/NO\$make_s32_ \$make_e32 &	endif	timex rdbloader -mi -i
endif	if (\$dsi_num_no38 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no43\ _DSI -h -
if (\$dsi_num_no33 <= 1800) then	timex rdbloader -mi -i	f 20 \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_ \$dsi_num_no38\ _DSI -h -	s \$WK85_D \
\$RDBDB.NEWORDER_ \$dsi_num_no33\ _DSI -h -	f 20 \	-
f 20 \	s \$WK75_D \	s \$WK86_D \
-	-	-
s \$WK65_D \	s \$WK76_D \	n \
-	-	-
s \$WK66_D \	n \	\$LOAD43_D/NO\$make_s43_ \$make_e43 &
-	-	endif
n \	\$LOAD38_D/NO\$make_s38_ \$make_e38 &	if (\$dsi_num_no44 <= 1800) then
\$LOAD33_D/NO\$make_s33_ \$make_e33 &	endif	timex rdbloader -mi -i
endif	if (\$dsi_num_no39 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no44\ _DSI -h -
if (\$dsi_num_no34 <= 1800) then	timex rdbloader -mi -i	f 20 \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_ \$dsi_num_no39\ _DSI -h -	s \$WK87_D \
\$RDBDB.NEWORDER_ \$dsi_num_no34\ _DSI -h -	f 20 \	-
f 20 \	s \$WK77_D \	s \$WK88_D \
-	-	-
s \$WK67_D \	s \$WK78_D \	n \
-	-	-
s \$WK68_D \	n \	\$LOAD44_D/NO\$make_s44_ \$make_e44 &
-	-	endif
n \	\$LOAD39_D/NO\$make_s39_ \$make_e39 &	if (\$dsi_num_no45 <= 1800) then
\$LOAD34_D/NO\$make_s34_ \$make_e34 &	endif	timex rdbloader -mi -i
endif	if (\$dsi_num_no40 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no45\ _DSI -h -
if (\$dsi_num_no35 <= 1800) then	timex rdbloader -mi -i	f 20 \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_ \$dsi_num_no40\ _DSI -h -	s \$WK89_D \
\$RDBDB.NEWORDER_ \$dsi_num_no35\ _DSI -h -	f 20 \	-
f 20 \	s \$WK79_D \	s \$WK90_D \
-	-	-
s \$WK69_D \	s \$WK80_D \	n \
-	-	-
s \$WK70_D \	n \	\$LOAD45_D/NO\$make_s45_ \$make_e45 &
-	-	endif
n \	\$LOAD40_D/NO\$make_s40_ \$make_e40 &	if (\$dsi_num_no46 <= 1800) then
\$LOAD35_D/NO\$make_s35_ \$make_e35 &	endif	timex rdbloader -mi -i
endif	if (\$dsi_num_no41 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no46\ _DSI -h -
if (\$dsi_num_no36 <= 1800) then	timex rdbloader -mi -i	f 20 \
timex rdbloader -mi -i	\$RDBDB.NEWORDER_ \$dsi_num_no41\ _DSI -h -	s \$WK91_D \
\$RDBDB.NEWORDER_ \$dsi_num_no36\ _DSI -h -	f 20 \	-
f 20 \	s \$WK81_D \	s \$WK92_D \
-	-	-
s \$WK71_D \	s \$WK82_D \	n \
-	-	-
s \$WK72_D \	n \	\$LOAD46_D/NO\$make_s46_ \$make_e46 &
-	-	endif
n \	\$LOAD41_D/NO\$make_s41_ \$make_e41 &	if (\$dsi_num_no47 <= 1800) then
\$LOAD36_D/NO\$make_s36_ \$make_e36 &	endif	timex rdbloader -mi -i
endif	if (\$dsi_num_no42 <= 1800) then	\$RDBDB.NEWORDER_ \$dsi_num_no47\ _DSI -h -
if (\$dsi_num_no37 <= 1800) then	timex rdbloader -mi -i	f 20 \
	\$RDBDB.NEWORDER_ \$dsi_num_no42\ _DSI -h -	s \$WK93_D \
	f 20 \	-
		s \$WK94_D \

n \	endif	timex rdbsloader -mi -i
\$LOAD47_D/NO\$make_s47_\$make_e47 & endif	if (\$dsi_num_no53 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no58_DSI -h -f 20 \
if (\$dsi_num_no48 <= 1800) then	timex rdbsloader -mi -i	
timex rdbsloader -mi -i	\$RDBDB.NEWORDER_\$dsi_num_no53_DSI -h -f 20 \	s \$WK115_D \
\$RDBDB.NEWORDER_\$dsi_num_no48_DSI -h -f 20 \		s \$WK105_D \
		s \$WK106_D \
s \$WK95_D \	n \	n \
		\$LOAD58_D/NO\$make_s58_\$make_e58 & endif
s \$WK96_D \	\$LOAD53_D/NO\$make_s53_\$make_e53 & endif	if (\$dsi_num_no59 <= 1800) then
	if (\$dsi_num_no54 <= 1800) then	timex rdbsloader -mi -i
n \	timex rdbsloader -mi -i	\$RDBDB.NEWORDER_\$dsi_num_no59_DSI -h -f 20 \
\$LOAD48_D/NO\$make_s48_\$make_e48 & endif	\$RDBDB.NEWORDER_\$dsi_num_no54_DSI -h -f 20 \	
if (\$dsi_num_no49 <= 1800) then		s \$WK117_D \
timex rdbsloader -mi -i		s \$WK118_D \
\$RDBDB.NEWORDER_\$dsi_num_no49_DSI -h -f 20 \		
		n \
s \$WK97_D \	n \	\$LOAD59_D/NO\$make_s59_\$make_e59 & endif
		if (\$dsi_num_no60 <= 1800) then
s \$WK98_D \	\$LOAD54_D/NO\$make_s54_\$make_e54 & endif	timex rdbsloader -mi -i
	if (\$dsi_num_no55 <= 1800) then	\$RDBDB.NEWORDER_\$dsi_num_no60_DSI -h -f 20 \
n \	timex rdbsloader -mi -i	
\$LOAD49_D/NO\$make_s49_\$make_e49 & endif	\$RDBDB.NEWORDER_\$dsi_num_no55_DSI -h -f 20 \	s \$WK119_D \
if (\$dsi_num_no50 <= 1800) then		s \$WK120_D \
timex rdbsloader -mi -i		
\$RDBDB.NEWORDER_\$dsi_num_no50_DSI -h -f 20 \		n \
		\$LOAD60_D/NO\$make_s60_\$make_e60 & endif
s \$WK99_D \	n \	if (\$dsi_num_no61 <= 1800) then
		timex rdbsloader -mi -i
s \$WK100_D \	\$LOAD55_D/NO\$make_s55_\$make_e55 & endif	\$RDBDB.NEWORDER_\$dsi_num_no61_DSI -h -f 20 \
	if (\$dsi_num_no56 <= 1800) then	
n \	timex rdbsloader -mi -i	s \$WK121_D \
\$LOAD50_D/NO\$make_s50_\$make_e50 & endif	\$RDBDB.NEWORDER_\$dsi_num_no56_DSI -h -f 20 \	s \$WK122_D \
if (\$dsi_num_no51 <= 1800) then		
timex rdbsloader -mi -i		n \
\$RDBDB.NEWORDER_\$dsi_num_no51_DSI -h -f 20 \		\$LOAD61_D/NO\$make_s61_\$make_e61 & endif
		if (\$dsi_num_no62 <= 1800) then
s \$WK101_D \	n \	timex rdbsloader -mi -i
		\$RDBDB.NEWORDER_\$dsi_num_no62_DSI -h -f 20 \
s \$WK102_D \	\$LOAD56_D/NO\$make_s56_\$make_e56 & endif	
	if (\$dsi_num_no57 <= 1800) then	s \$WK123_D \
n \	timex rdbsloader -mi -i	s \$WK124_D \
\$LOAD51_D/NO\$make_s51_\$make_e51 & endif	\$RDBDB.NEWORDER_\$dsi_num_no57_DSI -h -f 20 \	
if (\$dsi_num_no52 <= 1800) then		n \
timex rdbsloader -mi -i		\$LOAD62_D/NO\$make_s62_\$make_e62 & endif
\$RDBDB.NEWORDER_\$dsi_num_no52_DSI -h -f 20 \		if (\$dsi_num_no63 <= 1800) then
		timex rdbsloader -mi -i
s \$WK103_D \		\$RDBDB.NEWORDER_\$dsi_num_no63_DSI -h -f 20 \
s \$WK104_D \	n \	
n \	\$LOAD57_D/NO\$make_s57_\$make_e57 & endif	
	if (\$dsi_num_no58 <= 1800) then	
\$LOAD52_D/NO\$make_s52_\$make_e52 &		

s \$WK125_D \	s \$WK9_D \	timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol12_DSI -h \
s \$WK126_D \	s \$WK10_D \	s \$WK23_D \
n \	\$LOAD5_D/OL\$make_s5_make_e5 & endif	s \$WK24_D \
\$LOAD63_D/NO\$make_s63_make_e63 & endif	if (\$dsi_num_ol6 <= 1800) then	\$LOAD12_D/OL\$make_s12_make_e12 & endif
if (\$dsi_num_no64 <= 1800) then	timex rdbloader -mi -i	if (\$dsi_num_ol13 <= 1800) then
timex rdbloader -mi -i	\$RDBDB.ORDERLIN_\$dsi_num_ol6_DSI -h \	timex rdbloader -mi -i
\$RDBDB.NEWORDER_\$dsi_num_no64_DSI -h - f 20 \	s \$WK11_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol13_DSI -h \
s \$WK127_D \	s \$WK12_D \	s \$WK25_D \
s \$WK128_D \	\$LOAD6_D/OL\$make_s6_make_e6 & endif	s \$WK26_D \
n \	if (\$dsi_num_ol7 <= 1800) then	\$LOAD13_D/OL\$make_s13_make_e13 & endif
\$LOAD64_D/NO\$make_s64_make_e64 & endif	timex rdbloader -mi -i	if (\$dsi_num_ol14 <= 1800) then
wait	\$RDBDB.ORDERLIN_\$dsi_num_ol7_DSI -h \	timex rdbloader -mi -i
if (\$dsi_num_ol1 <= 1800) then	s \$WK13_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol14_DSI -h \
timex rdbloader -mi -i	s \$WK14_D \	s \$WK27_D \
\$RDBDB.ORDERLIN_\$dsi_num_ol1_DSI -h \	\$LOAD7_D/OL\$make_s7_make_e7 & endif	s \$WK28_D \
s \$WK1_D \	if (\$dsi_num_ol8 <= 1800) then	\$LOAD14_D/OL\$make_s14_make_e14 & endif
s \$WK2_D \	timex rdbloader -mi -i	if (\$dsi_num_ol15 <= 1800) then
\$LOAD1_D/OL\$make_s1_make_e1 & endif	\$RDBDB.ORDERLIN_\$dsi_num_ol8_DSI -h \	timex rdbloader -mi -i
if (\$dsi_num_ol2 <= 1800) then	s \$WK15_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol15_DSI -h \
timex rdbloader -mi -i	s \$WK16_D \	s \$WK29_D \
\$RDBDB.ORDERLIN_\$dsi_num_ol2_DSI -h \	\$LOAD8_D/OL\$make_s8_make_e8 & endif	s \$WK30_D \
s \$WK3_D \	if (\$dsi_num_ol9 <= 1800) then	\$LOAD15_D/OL\$make_s15_make_e15 & endif
s \$WK4_D \	timex rdbloader -mi -i	if (\$dsi_num_ol16 <= 1800) then
\$LOAD2_D/OL\$make_s2_make_e2 & endif	\$RDBDB.ORDERLIN_\$dsi_num_ol9_DSI -h \	timex rdbloader -mi -i
if (\$dsi_num_ol3 <= 1800) then	s \$WK17_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol16_DSI -h \
timex rdbloader -mi -i	s \$WK18_D \	s \$WK31_D \
\$RDBDB.ORDERLIN_\$dsi_num_ol3_DSI -h \	\$LOAD9_D/OL\$make_s9_make_e9 & endif	s \$WK32_D \
s \$WK5_D \	if (\$dsi_num_ol10 <= 1800) then	\$LOAD16_D/OL\$make_s16_make_e16 & endif
s \$WK6_D \	timex rdbloader -mi -i	if (\$dsi_num_ol17 <= 1800) then
\$LOAD3_D/OL\$make_s3_make_e3 & endif	\$RDBDB.ORDERLIN_\$dsi_num_ol10_DSI -h \	timex rdbloader -mi -i
if (\$dsi_num_ol4 <= 1800) then	s \$WK19_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol17_DSI -h \
timex rdbloader -mi -i	s \$WK20_D \	s \$WK33_D \
\$RDBDB.ORDERLIN_\$dsi_num_ol4_DSI -h \	\$LOAD10_D/OL\$make_s10_make_e10 & endif	s \$WK34_D \
s \$WK7_D \	if (\$dsi_num_ol11 <= 1800) then	\$LOAD17_D/OL\$make_s17_make_e17 & endif
s \$WK8_D \	timex rdbloader -mi -i	if (\$dsi_num_ol18 <= 1800) then
\$LOAD4_D/OL\$make_s4_make_e4 & endif	\$RDBDB.ORDERLIN_\$dsi_num_ol11_DSI -h \	timex rdbloader -mi -i
if (\$dsi_num_ol5 <= 1800) then	s \$WK21_D \	\$RDBDB.ORDERLIN_\$dsi_num_ol18_DSI -h \
timex rdbloader -mi -i	s \$WK22_D \	s \$WK35_D \
\$RDBDB.ORDERLIN_\$dsi_num_ol5_DSI -h \	\$LOAD11_D/OL\$make_s11_make_e11 & endif	s \$WK36_D \
	if (\$dsi_num_ol12 <= 1800) then	\$LOAD18_D/OL\$make_s18_make_e18 & endif

```

if ( $dsi_num_ol19 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol19\ _DSI -h \
-
s $WK37_D \
-
s $WK38_D \
-
  $LOAD19_D/OL$make_s19\_ $make_e19 &
endif
if ( $dsi_num_ol20 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol20\ _DSI -h \
-
s $WK39_D \
-
s $WK40_D \
-
  $LOAD20_D/OL$make_s20\_ $make_e20 &
endif
if ( $dsi_num_ol21 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol21\ _DSI -h \
-
s $WK41_D \
-
s $WK42_D \
-
  $LOAD21_D/OL$make_s21\_ $make_e21 &
endif
if ( $dsi_num_ol22 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol22\ _DSI -h \
-
s $WK43_D \
-
s $WK44_D \
-
  $LOAD22_D/OL$make_s22\_ $make_e22 &
endif
if ( $dsi_num_ol23 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol23\ _DSI -h \
-
s $WK45_D \
-
s $WK46_D \
-
  $LOAD23_D/OL$make_s23\_ $make_e23 &
endif
if ( $dsi_num_ol24 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol24\ _DSI -h \
-
s $WK47_D \
-
s $WK48_D \
-
  $LOAD24_D/OL$make_s24\_ $make_e24 &
endif
if ( $dsi_num_ol25 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol25\ _DSI -h \
-
s $WK49_D \
-
s $WK50_D \
-
  $LOAD25_D/OL$make_s25\_ $make_e25 &

```

```

endif
if ( $dsi_num_ol26 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol26\ _DSI -h \
-
s $WK51_D \
-
s $WK52_D \
-
  $LOAD26_D/OL$make_s26\_ $make_e26 &
endif
if ( $dsi_num_ol27 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol27\ _DSI -h \
-
s $WK53_D \
-
s $WK54_D \
-
  $LOAD27_D/OL$make_s27\_ $make_e27 &
endif
if ( $dsi_num_ol28 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol28\ _DSI -h \
-
s $WK55_D \
-
s $WK56_D \
-
  $LOAD28_D/OL$make_s28\_ $make_e28 &
endif
if ( $dsi_num_ol29 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol29\ _DSI -h \
-
s $WK57_D \
-
s $WK58_D \
-
  $LOAD29_D/OL$make_s29\_ $make_e29 &
endif
if ( $dsi_num_ol30 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol30\ _DSI -h \
-
s $WK59_D \
-
s $WK60_D \
-
  $LOAD30_D/OL$make_s30\_ $make_e30 &
endif
if ( $dsi_num_ol31 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol31\ _DSI -h \
-
s $WK61_D \
-
s $WK62_D \
-
  $LOAD31_D/OL$make_s31\_ $make_e31 &
endif
if ( $dsi_num_ol32 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol32\ _DSI -h \
-
s $WK63_D \
-
s $WK64_D \
-

```

```

  $LOAD32_D/OL$make_s32\_ $make_e32 &
endif
if ( $dsi_num_ol33 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol33\ _DSI -h \
-
s $WK65_D \
-
s $WK66_D \
-
  $LOAD33_D/OL$make_s33\_ $make_e33 &
endif
if ( $dsi_num_ol34 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol34\ _DSI -h \
-
s $WK67_D \
-
s $WK68_D \
-
  $LOAD34_D/OL$make_s34\_ $make_e34 &
endif
if ( $dsi_num_ol35 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol35\ _DSI -h \
-
s $WK69_D \
-
s $WK70_D \
-
  $LOAD35_D/OL$make_s35\_ $make_e35 &
endif
if ( $dsi_num_ol36 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol36\ _DSI -h \
-
s $WK71_D \
-
s $WK72_D \
-
  $LOAD36_D/OL$make_s36\_ $make_e36 &
endif
if ( $dsi_num_ol37 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol37\ _DSI -h \
-
s $WK73_D \
-
s $WK74_D \
-
  $LOAD37_D/OL$make_s37\_ $make_e37 &
endif
if ( $dsi_num_ol38 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol38\ _DSI -h \
-
s $WK75_D \
-
s $WK76_D \
-
  $LOAD38_D/OL$make_s38\_ $make_e38 &
endif
if ( $dsi_num_ol39 <= 1800 ) then
  timex rdbloader -mi -i
$RDBDB.ORDERLIN_ $dsi_num_ol39\ _DSI -h \
-
s $WK77_D \
-

```

<pre> s \$WK78_D \ \$LOAD39_D/OL\$make_s39_\$make_e39 & endif if (\$dsi_num_ol40 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol40_DSI -h \ s \$WK79_D \ s \$WK80_D \ \$LOAD40_D/OL\$make_s40_\$make_e40 & endif if (\$dsi_num_ol41 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol41_DSI -h \ s \$WK81_D \ s \$WK82_D \ \$LOAD41_D/OL\$make_s41_\$make_e41 & endif if (\$dsi_num_ol42 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol42_DSI -h \ s \$WK83_D \ s \$WK84_D \ \$LOAD42_D/OL\$make_s42_\$make_e42 & endif if (\$dsi_num_ol43 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol43_DSI -h \ s \$WK85_D \ s \$WK86_D \ \$LOAD43_D/OL\$make_s43_\$make_e43 & endif if (\$dsi_num_ol44 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol44_DSI -h \ s \$WK87_D \ s \$WK88_D \ \$LOAD44_D/OL\$make_s44_\$make_e44 & endif if (\$dsi_num_ol45 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol45_DSI -h \ s \$WK89_D \ s \$WK90_D \ \$LOAD45_D/OL\$make_s45_\$make_e45 & endif if (\$dsi_num_ol46 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol46_DSI -h \ </pre>	<pre> s \$WK91_D \ s \$WK92_D \ \$LOAD46_D/OL\$make_s46_\$make_e46 & endif if (\$dsi_num_ol47 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol47_DSI -h \ s \$WK93_D \ s \$WK94_D \ \$LOAD47_D/OL\$make_s47_\$make_e47 & endif if (\$dsi_num_ol48 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol48_DSI -h \ s \$WK95_D \ s \$WK96_D \ \$LOAD48_D/OL\$make_s48_\$make_e48 & endif if (\$dsi_num_ol49 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol49_DSI -h \ s \$WK97_D \ s \$WK98_D \ \$LOAD49_D/OL\$make_s49_\$make_e49 & endif if (\$dsi_num_ol50 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol50_DSI -h \ s \$WK99_D \ s \$WK100_D \ \$LOAD50_D/OL\$make_s50_\$make_e50 & endif if (\$dsi_num_ol51 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol51_DSI -h \ s \$WK101_D \ s \$WK102_D \ \$LOAD51_D/OL\$make_s51_\$make_e51 & endif if (\$dsi_num_ol52 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol52_DSI -h \ s \$WK103_D \ s \$WK104_D \ \$LOAD52_D/OL\$make_s52_\$make_e52 & endif if (\$dsi_num_ol53 <= 1800) then </pre>	<pre> timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol53_DSI -h \ s \$WK105_D \ s \$WK106_D \ \$LOAD53_D/OL\$make_s53_\$make_e53 & endif if (\$dsi_num_ol54 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol54_DSI -h \ s \$WK107_D \ s \$WK108_D \ \$LOAD54_D/OL\$make_s54_\$make_e54 & endif if (\$dsi_num_ol55 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol55_DSI -h \ s \$WK109_D \ s \$WK110_D \ \$LOAD55_D/OL\$make_s55_\$make_e55 & endif if (\$dsi_num_ol56 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol56_DSI -h \ s \$WK111_D \ s \$WK112_D \ \$LOAD56_D/OL\$make_s56_\$make_e56 & endif if (\$dsi_num_ol57 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol57_DSI -h \ s \$WK113_D \ s \$WK114_D \ \$LOAD57_D/OL\$make_s57_\$make_e57 & endif if (\$dsi_num_ol58 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol58_DSI -h \ s \$WK115_D \ s \$WK116_D \ \$LOAD58_D/OL\$make_s58_\$make_e58 & endif if (\$dsi_num_ol59 <= 1800) then timex rdbloader -mi -i \$RDBDB.ORDERLIN_\$dsi_num_ol59_DSI -h \ s \$WK117_D \ s \$WK118_D \ \$LOAD59_D/OL\$make_s59_\$make_e59 & endif endif </pre>
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if ( $dsi_num_ol60 <= 1800 ) then
    timex rdbloader -mi -i
$RDBDB.ORDERLIN_$dsi_num_ol60\DSI -h \
-
s $WK119_D \
-
s $WK120_D \
-
    $LOAD60_D/OL$make_s60\_smake_e60 &
endif
if ( $dsi_num_ol61 <= 1800 ) then
    timex rdbloader -mi -i
$RDBDB.ORDERLIN_$dsi_num_ol61\DSI -h \
-
s $WK121_D \
-
s $WK122_D \
-
    $LOAD61_D/OL$make_s61\_smake_e61 &
endif
if ( $dsi_num_ol62 <= 1800 ) then
    timex rdbloader -mi -i
$RDBDB.ORDERLIN_$dsi_num_ol62\DSI -h \
-
s $WK123_D \
-
s $WK124_D \
-
    $LOAD62_D/OL$make_s62\_smake_e62 &
endif
if ( $dsi_num_ol63 <= 1800 ) then
    timex rdbloader -mi -i
$RDBDB.ORDERLIN_$dsi_num_ol63\DSI -h \
-
s $WK125_D \
-
s $WK126_D \
-
    $LOAD63_D/OL$make_s63\_smake_e63 &
endif
if ( $dsi_num_ol64 <= 1800 ) then
    timex rdbloader -mi -i
$RDBDB.ORDERLIN_$dsi_num_ol64\DSI -h \
-
s $WK127_D \
-
s $WK128_D \
-
    $LOAD64_D/OL$make_s64\_smake_e64 &
endif
end

wait
rm /rdb/loaddata*/OS*
rm /rdb/loaddata*/OL*
rm /rdb/loaddata*/NO*

===== crta.def.cent.V_int =====

--
#####
#####
--# TPC-C
--#
--# 1995.5.15
--# 1996.4.18 DECIMAL -> CHAR or
SMALLINT or INTEGER

--# 1996.10.18 C_ID,H_C_ID,O_C_ID
SMALLINT -> INTEGER
--# I_IM_ID
--# 1998.11.24 W_YTD,D_YTD,
C_BALANCE,C_CREDIT_LIM,
--# C_YTD_PAYMENT -> 12
--# 2000.07.24 CU 2k
--# 2001.01.09 WAREHOUSE W_ID
(SMALLINT->INTEGER)
--#
--#
#####
#####
CREATE SCHEMA TPCC_SCHEMA
--
#####
#####
--#
--#
#####
#####
CREATE TABLE
TPCC_SCHEMA.WAREHOUSE(
-- W_ID SMALLINT NOT NULL, '01/01/09
W_ID INT
W_ID INTEGER NOT NULL,
W_NAME CHAR(10) NOT NULL,
W_STREET_1 CHAR(20) NOT NULL,
W_STREET_2 CHAR(20) NOT NULL,
W_CITY CHAR(20) NOT NULL,
W_STATE CHAR(2) NOT NULL,
W_ZIP CHAR(9) NOT NULL,
-- W_TAX DECIMAL(4,4) NOT NULL,
'96/04/18
W_TAX SMALLINT NOT NULL,
-- W_YTD DECIMAL(12,2) NOT NULL,
'98/11/24
W_YTD DECIMAL(12,0) NOT NULL,
PRIMARY KEY(W_ID)
)

CREATE TABLE TPCC_SCHEMA.DISTRICT(
D_ID SMALLINT NOT NULL,
-- D_W_ID SMALLINT NOT NULL,
'01/01/09 W_ID INT
D_W_ID INTEGER NOT NULL,
D_NAME CHAR(10) NOT NULL,
D_STREET_1 CHAR(20) NOT NULL,
D_STREET_2 CHAR(20) NOT NULL,
D_CITY CHAR(20) NOT NULL,
D_STATE CHAR(2) NOT NULL,
D_ZIP CHAR(9) NOT NULL,
-- D_TAX DECIMAL(4,4) NOT NULL,
'96/04/18
D_TAX SMALLINT NOT NULL,
-- D_YTD DECIMAL(12,2) NOT NULL,
'98/11/24
D_YTD DECIMAL(12,0) NOT NULL,
D_NEXT_O_ID INTEGER NOT NULL,
PRIMARY KEY(D_W_ID,D_ID)
)

CREATE TABLE TPCC_SCHEMA.CUSTOMER(
-- C_ID SMALLINT NOT NULL,
'96/10/18
C_ID INTEGER NOT NULL,
C_D_ID SMALLINT NOT NULL,
-- C_W_ID SMALLINT NOT NULL,
'01/01/09 W_ID INT
C_W_ID INTEGER NOT NULL,
C_FIRST CHAR(16) NOT NULL,
C_MIDDLE CHAR(2) NOT NULL,
C_LAST CHAR(16) NOT NULL,
C_STREET_1 CHAR(20) NOT NULL,
C_STREET_2 CHAR(20) NOT NULL,
C_CITY CHAR(20) NOT NULL,
C_STATE CHAR(2) NOT NULL,
C_ZIP CHAR(9) NOT NULL,
C_PHONE CHAR(16) NOT NULL,
-- C_SINCE DECIMAL(14) NOT NULL,
'96/04/18
C_SINCE CHAR(14) NOT NULL,
C_CREDIT CHAR(2) NOT NULL,
-- C_CREDIT_LIM DECIMAL(12,2) NOT
NULL, '98/11/24
C_CREDIT_LIM DECIMAL(12,0) NOT NULL,
-- C_DISCOUNT DECIMAL(4,4) NOT NULL,
'96/04/18
C_DISCOUNT SMALLINT NOT NULL,
-- C_BALANCE DECIMAL(12,2) NOT NULL,
'98/11/24
C_BALANCE DECIMAL(12,0) NOT NULL,
-- C_YTD_PAYMENT DECIMAL(12,2) NOT
NULL, '98/11/24
C_YTD_PAYMENT DECIMAL(12,0) NOT
NULL,
C_PAYMENT_CNT SMALLINT NOT NULL,
C_DELIVERY_CNT SMALLINT NOT NULL,
-- C_DATA CHAR(500) NOT NULL,
00/07/24 CU 2k
C_DATA VARCHAR(500) NOT NULL,
PRIMARY KEY(C_W_ID, C_D_ID, C_ID)
)

CREATE TABLE TPCC_SCHEMA.ITEM(
I_ID INTEGER NOT NULL,
I_IM_ID INTEGER NOT NULL,
I_NAME CHAR(24) NOT NULL,
-- I_PRICE DECIMAL(5,2) NOT NULL,
'96/04/18
I_PRICE SMALLINT NOT NULL,
I_DATA CHAR(50) NOT NULL,
PRIMARY KEY(I_ID)
)

CREATE TABLE TPCC_SCHEMA.STOCK(
S_I_ID INTEGER NOT NULL,
-- S_W_ID SMALLINT NOT NULL,
'01/01/09 W_ID INT
S_W_ID INTEGER NOT NULL,
S_QUANTITY SMALLINT NOT NULL,
S_DIST_01 CHAR(24) NOT NULL,
S_DIST_02 CHAR(24) NOT NULL,
S_DIST_03 CHAR(24) NOT NULL,
S_DIST_04 CHAR(24) NOT NULL,
S_DIST_05 CHAR(24) NOT NULL,
S_DIST_06 CHAR(24) NOT NULL,
S_DIST_07 CHAR(24) NOT NULL,
S_DIST_08 CHAR(24) NOT NULL,
S_DIST_09 CHAR(24) NOT NULL,
S_DIST_10 CHAR(24) NOT NULL,
S_YTD INTEGER NOT NULL,
S_ORDER_CNT SMALLINT NOT NULL,
S_REMOTE_CNT SMALLINT NOT NULL,
S_DATA CHAR(50) NOT NULL,
PRIMARY KEY(S_W_ID, S_I_ID)
)

```

```
CREATE TABLE TPCC_SCHEMA.NEWORDER(
  NO_O_ID INTEGER NOT NULL,
  NO_D_ID SMALLINT NOT NULL,
  -- NO_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  NO_W_ID INTEGER NOT NULL,
  PRIMARY KEY(NO_W_ID, NO_D_ID,
NO_O_ID)
)
```

```
CREATE TABLE TPCC_SCHEMA.ORDERS(
  O_ID INTEGER NOT NULL,
  O_D_ID SMALLINT NOT NULL,
  -- O_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  O_W_ID INTEGER NOT NULL,
  -- O_C_ID SMALLINT NOT NULL,
  '96/10/18
  O_C_ID INTEGER NOT NULL,
  -- O_ENTRY_D DECIMAL(14) NOT NULL,
  '96/04/18
  O_ENTRY_D CHAR(14) NOT NULL,
  O_CARRIER_ID SMALLINT,
  O_OL_CNT SMALLINT NOT NULL,
  O_ALL_LOCAL SMALLINT NOT NULL,
  PRIMARY KEY(O_W_ID, O_D_ID, O_ID)
)
```

```
CREATE TABLE TPCC_SCHEMA.ORDERLINE(
  OL_O_ID INTEGER NOT NULL,
  OL_D_ID SMALLINT NOT NULL,
  -- OL_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  OL_W_ID INTEGER NOT NULL,
  OL_NUMBER SMALLINT NOT NULL,
  OL_I_ID INTEGER NOT NULL,
  -- OL_SUPPLY_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  OL_SUPPLY_W_ID INTEGER NOT NULL,
  -- OL_DELIVERY_D DECIMAL(14),
  '96/04/18
  OL_DELIVERY_D CHAR(14),
  OL_QUANTITY SMALLINT NOT NULL,
  -- OL_AMOUNT DECIMAL(6,2) NOT NULL,
  '96/04/18
  OL_AMOUNT INTEGER NOT NULL,
  OL_DIST_INFO CHAR(24) NOT NULL,
  -- PRIMARY KEY(OL_W_ID, OL_D_ID, OL_O_ID,
OL_NUMBER)
  PRIMARY KEY(OL_W_ID, OL_D_ID,
OL_NUMBER, OL_O_ID)
)
```

```
CREATE TABLE TPCC_SCHEMA.HISTORY(
  -- H_C_ID SMALLINT NOT NULL,
  '96/10/18
  H_C_ID INTEGER NOT NULL,
  H_C_D_ID SMALLINT NOT NULL,
  -- H_C_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  H_C_W_ID INTEGER NOT NULL,
  H_D_ID SMALLINT NOT NULL,
  -- H_W_ID SMALLINT NOT NULL,
  '01/01/09 W_ID INT
  H_W_ID INTEGER NOT NULL,
  -- H_DATE DECIMAL(14) NOT NULL,
  '96/04/27
  H_DATE CHAR(14) NOT NULL,
```

```
-- H_AMOUNT DECIMAL(6,2) NOT NULL,
'96/04/18
  H_AMOUNT INTEGER NOT NULL,
  H_DATA CHAR(24) NOT NULL
)
```

```
===== ddl.dat =====
```

```
-----
-- * Phase.2-1: Warehouse
-----
```

```
CREATE DSO WAREHOUSE_DSO
FROM TPCC_SCHEMA.WAREHOUSE
TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1))
WHERE (W_ID) BETWEEN (?) AND (?);
```

```
CREATE DSI WAREHOUSE_1_DSI
DSO WAREHOUSE_DSO
USING(1,88)
ALLOCATE PRIME ON SP1 SIZE 4097K,
OVERFLOW ON SP1 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_2_DSI
DSO WAREHOUSE_DSO
USING(89,176)
ALLOCATE PRIME ON SP5 SIZE 4097K,
OVERFLOW ON SP5 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_225_DSI
DSO WAREHOUSE_DSO
USING(19713,39600)
ALLOCATE PRIME ON SP897 SIZE
4097K,
OVERFLOW ON SP897 SIZE 17K;
```

```
-----
-- * Phase.2-2: District
-----
```

```
CREATE DSO DISTRICT_DSO
FROM TPCC_SCHEMA.DISTRICT
TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1),RULE(
D_W_ID*20+D_ID*2))
WHERE (D_W_ID) BETWEEN (?) AND
(?);
```

```
CREATE DSI DISTRICT_1_DSI
DSO DISTRICT_DSO
USING(1,88)
ALLOCATE PRIME ON SP2 SIZE 1761K,
OVERFLOW ON SP2 SIZE 58K;
```

```
CREATE DSI DISTRICT_2_DSI
DSO DISTRICT_DSO
USING(89,176)
ALLOCATE PRIME ON SP6 SIZE 1761K,
OVERFLOW ON SP6 SIZE 58K;
```

```
CREATE DSI DISTRICT_225_DSI
DSO DISTRICT_DSO
USING(19713,39600)
```

```
ALLOCATE PRIME ON SP898 SIZE
1761K,
OVERFLOW ON SP898 SIZE 58K;
```

```
-----
-- * Phase.2-8: Stock
-----
```

```
CREATE DSO STOCK_DSO
FROM TPCC_SCHEMA.STOCK
TYPE
RANDOM(PAGESIZE1(4),PAGESIZE2(1),
RULE(S_I_ID*4+(S_W_ID-
1)/11+(S_W_ID-S_W_ID/11*11)*400000))
WHERE (S_W_ID) BETWEEN (?) AND
(?);
```

```
CREATE DSI STOCK_1_DSI
DSO STOCK_DSO
USING(1,44)
ALLOCATE PRIME ON SP1 SIZE
256004K
SP901 SIZE 544000K
SP2 SIZE 256000K
SP902 SIZE 544000K,
OVERFLOW ON SP901 SIZE 80065K;
```

```
CREATE DSI STOCK_2_DSI
DSO STOCK_DSO
USING(45,88)
ALLOCATE PRIME ON SP3 SIZE
256004K
SP901 SIZE 544000K
SP4 SIZE 256000K
SP902 SIZE 544000K,
OVERFLOW ON SP902 SIZE 80065K;
```

```
CREATE DSI STOCK_450_DSI
DSO STOCK_DSO
USING(19757,39600)
ALLOCATE PRIME ON SP899 SIZE
256004K
SP1349 SIZE 544000K
SP900 SIZE 256000K
SP1350 SIZE 544000K,
OVERFLOW ON SP1350 SIZE
80065K;
```

```
-----
-- * Phase.2-6a: NewOrder
-----
```

```
CREATE DSO NEWORDER_DSO
FROM TPCC_SCHEMA.NEWORDER
TYPE
RANDOM(PAGESIZE1(8),PAGESIZE2(1),RULE((
NO_O_ID/8)*11+NO_W_ID+((\
NO_D_ID-1)*8+(NO_O_ID-
((NO_O_ID/8)*8))*1793))
WHERE (NO_W_ID) BETWEEN (?) AND
(?);
```

```
CREATE DSI NEWORDER_1_DSI
DSO NEWORDER_DSO
USING(1,11)
ALLOCATE PRIME ON SP1 SIZE 14352K,
OVERFLOW ON SP1 SIZE 501K;
```

```

CREATE DSI NEWORDER_2_DSI
  DSO NEWORDER_DSO
  USING(12,22)
  ALLOCATE PRIME ON SP1 SIZE 14352K,
  OVERFLOW ON SP1 SIZE 501K;

CREATE DSI NEWORDER_1800_DSI
  DSO NEWORDER_DSO
  USING(19790,39600)
  ALLOCATE PRIME ON SP900 SIZE
14352K,
  OVERFLOW ON SP900 SIZE 501K;

-----
-----
-- * Phase.2-6b: NewOrder-Index
-----
CREATE DSO NEWORDER_IX_DSO
  INDEX ON
TPCC_SCHEMA.NEWORDER(NO_W_ID,NO_D
_ID,NO_O_ID)
  TYPE
BTREE(PAGESIZE1(8),PAGESIZE2(32),DEGEN
ERATE);

CREATE DSI NEWORDER_X_1DSI
  INDEX
  DSO NEWORDER_IX_DSO
  BASE NEWORDER_1_DSI
  ALLOCATE INDEX ON SP1 SIZE 256K,
  BASE ON SP1 SIZE 5216K;

CREATE DSI NEWORDER_X_2DSI
  INDEX
  DSO NEWORDER_IX_DSO
  BASE NEWORDER_2_DSI
  ALLOCATE INDEX ON SP1 SIZE 256K,
  BASE ON SP1 SIZE 5216K;

CREATE DSI NEWORDER_X_1800DSI
  INDEX
  DSO NEWORDER_IX_DSO
  BASE NEWORDER_1800_DSI
  ALLOCATE INDEX ON SP900 SIZE 256K,
  BASE ON SP900 SIZE 5216K;

-----
-----
-- * Phase.2-4a: Orders
-----
CREATE DSO ORDERS_DSO
  FROM TPCC_SCHEMA.ORDERS
  TYPE
RANDOM(PAGESIZE1(8),PAGESIZE2(1),RULE((
O_ID/11)*11+O_W_ID+((O_
D_ID-1)*11+(O_ID-((O_ID/11)*11)))
*3816))
  WHERE (O_W_ID) BETWEEN (?) AND
(?);

CREATE DSI ORDERS_1_DSI
  DSO ORDERS_DSO
  USING(1,11)
  ALLOCATE PRIME ON SP1 SIZE 30536K,
  OVERFLOW ON SP1 SIZE 331K;

CREATE DSI ORDERS_2_DSI

```

```

  DSO ORDERS_DSO
  USING(12,22)
  ALLOCATE PRIME ON SP1 SIZE 30536K,
  OVERFLOW ON SP1 SIZE 331K;

CREATE DSI ORDERS_1800_DSI
  DSO ORDERS_DSO
  USING(19790,39600)
  ALLOCATE PRIME ON SP900 SIZE
30536K,
  OVERFLOW ON SP900 SIZE 331K;

-----
-----
-- * Phase.2-4b: Orders-IX
-----
CREATE DSO ORDERS_IX_DSO
  INDEX ON
TPCC_SCHEMA.ORDERS(O_W_ID,O_D_ID,O_
C_ID)
  TYPE
BTREE(PAGESIZE1(4),PAGESIZE2(32));

CREATE DSI ORDERS_IX_1_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_1_DSI
  ALLOCATE INDEX ON SP1 SIZE 1024K,
  BASE ON SP1 SIZE 14160K;

CREATE DSI ORDERS_IX_2_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_2_DSI
  ALLOCATE INDEX ON SP1 SIZE 1024K,
  BASE ON SP1 SIZE 14160K;

CREATE DSI ORDERS_IX_1800_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_1800_DSI
  ALLOCATE INDEX ON SP900 SIZE
1024K,
  BASE ON SP900 SIZE 14160K;

-----
-----
-- * Phase.2-7: History
-----
CREATE DSO HISTORY_DSO
  FROM TPCC_SCHEMA.HISTORY
  TYPE
SEQUENTIAL(PAGESIZE(4),ORDER(0))
  WHERE (H_W_ID) BETWEEN (?) AND
(?);

CREATE DSI HISTORY_1_DSI
  DSO HISTORY_DSO
  USING(1,11)
  ALLOCATE DATA ON SP1 SIZE 32444K;

CREATE DSI HISTORY_2_DSI
  DSO HISTORY_DSO
  USING(12,22)
  ALLOCATE DATA ON SP1 SIZE 32444K;

CREATE DSI HISTORY_1800_DSI

```

```

  DSO HISTORY_DSO
  USING(19790,39600)
  ALLOCATE DATA ON SP900 SIZE
32444K;

-----
-----
-- * Phase.2-3a: Customer
-----
CREATE DSO CUSTOMER_DSO
  FROM TPCC_SCHEMA.CUSTOMER
  TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1),
RULE(C_ID*110+C_W_ID*10+C_D_ID))
  WHERE (C_W_ID) BETWEEN (?) AND
(?);

CREATE DSI CUSTOMER_1_DSI
  DSO CUSTOMER_DSO
  USING(1,11)
  ALLOCATE PRIME ON SP1 SIZE
330001K,
  OVERFLOW ON SP1 SIZE 16501K;

CREATE DSI CUSTOMER_2_DSI
  DSO CUSTOMER_DSO
  USING(12,22)
  ALLOCATE PRIME ON SP1 SIZE
330001K,
  OVERFLOW ON SP1 SIZE 16501K;

CREATE DSI CUSTOMER_1800_DSI
  DSO CUSTOMER_DSO
  USING(19790,39600)
  ALLOCATE PRIME ON SP900 SIZE
330001K,
  OVERFLOW ON SP900 SIZE 16501K;

-----
-----
-- * Phase.2-3b: Customer-Index
-----
CREATE DSO CUSTOMER_IX_DSO
  INDEX ON
TPCC_SCHEMA.CUSTOMER(C_W_ID,C_D_ID,
C_LAST)
  TYPE
BTREE(PAGESIZE1(16),PAGESIZE2(32));

CREATE DSI CUSTOMER_X_1DSI
  INDEX
  DSO CUSTOMER_IX_DSO
  BASE CUSTOMER_1_DSI
  ALLOCATE INDEX ON SP1 SIZE 224K,
  BASE ON SP1 SIZE 10112K;

CREATE DSI CUSTOMER_X_2DSI
  INDEX
  DSO CUSTOMER_IX_DSO
  BASE CUSTOMER_2_DSI
  ALLOCATE INDEX ON SP1 SIZE 224K,
  BASE ON SP1 SIZE 10112K;

CREATE DSI CUSTOMER_X_1800DSI
  INDEX
  DSO CUSTOMER_IX_DSO
  BASE CUSTOMER_1800_DSI

```



```

ALLOCATE INDEX ON SP900 SIZE 224K,
BASE ON SP900 SIZE 10112K;
-----
-- * Phase.2-5a: OrderLine
-----
CREATE DSO ORDERLINE_DSO
FROM TPCC_SCHEMA.ORDERLINE
TYPE
RANDOM(PAGESIZE1(32),PAGESIZE2(8),RULE
((OL_O_ID/30)*110+OL_W_ID
D*10+OL_D_ID+(OL_NUMBER+(OL_O_ID-
((OL_O_ID/30)*30))*15)*13757))
WHERE (OL_W_ID) BETWEEN (?) AND
(?);

CREATE DSI ORDERLIN_1_DSI
DSO ORDERLINE_DSO
USING(1,11)
ALLOCATE PRIME ON SP1 SIZE
440256K,
OVERFLOW ON SP1 SIZE 17600K;

CREATE DSI ORDERLIN_2_DSI
DSO ORDERLINE_DSO
USING(12,22)
ALLOCATE PRIME ON SP1 SIZE
440256K,
OVERFLOW ON SP1 SIZE 17600K;

CREATE DSI ORDERLIN_1800_DSI
DSO ORDERLINE_DSO
USING(19790,39600)
ALLOCATE PRIME ON SP900 SIZE
440256K,
OVERFLOW ON SP900 SIZE 17600K;
-----
-- * Phase.2-9: Item
-----
CREATE DSO ITEM_DSO
FROM TPCC_SCHEMA.ITEM
TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1),RULE(
_ID/7+(L_ID-((L_ID/7)*7\
))*14286));

CREATE DSI ITEM_1_DSI
DSO ITEM_DSO
ALLOCATE PRIME ON SP901 SIZE
14287K,
OVERFLOW ON SP902 SIZE 716K;

===== ddl.dbsp.1350 =====

CREATE DBSPACE SP1 ALLOCATE
RAWDEVICE /DEV/rdsk/SP001 ;
CREATE DBSPACE SP2 ALLOCATE
RAWDEVICE /DEV/rdsk/SP002 ;
CREATE DBSPACE SP3 ALLOCATE
RAWDEVICE /DEV/rdsk/SP003 ;

CREATE DBSPACE SP4 ALLOCATE
RAWDEVICE /DEV/rdsk/SP004 ;
CREATE DBSPACE SP5 ALLOCATE
RAWDEVICE /DEV/rdsk/SP005 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP6 ALLOCATE
RAWDEVICE /DEV/rdsk/SP006 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP7 ALLOCATE
RAWDEVICE /DEV/rdsk/SP007 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP8 ALLOCATE
RAWDEVICE /DEV/rdsk/SP008 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP9 ALLOCATE
RAWDEVICE /DEV/rdsk/SP009 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP10 ALLOCATE
RAWDEVICE /DEV/rdsk/SP010 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP11 ALLOCATE
RAWDEVICE /DEV/rdsk/SP011 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP12 ALLOCATE
RAWDEVICE /DEV/rdsk/SP012 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP13 ALLOCATE
RAWDEVICE /DEV/rdsk/SP013 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP14 ALLOCATE
RAWDEVICE /DEV/rdsk/SP014 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP15 ALLOCATE
RAWDEVICE /DEV/rdsk/SP015 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP16 ALLOCATE
RAWDEVICE /DEV/rdsk/SP016 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP17 ALLOCATE
RAWDEVICE /DEV/rdsk/SP017 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP18 ALLOCATE
RAWDEVICE /DEV/rdsk/SP018 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP19 ALLOCATE
RAWDEVICE /DEV/rdsk/SP019 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP20 ALLOCATE
RAWDEVICE /DEV/rdsk/SP020 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP21 ALLOCATE
RAWDEVICE /DEV/rdsk/SP021 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP22 ALLOCATE
RAWDEVICE /DEV/rdsk/SP022 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP23 ALLOCATE
RAWDEVICE /DEV/rdsk/SP023 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP24 ALLOCATE
RAWDEVICE /DEV/rdsk/SP024 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP25 ALLOCATE
RAWDEVICE /DEV/rdsk/SP025 ;
CREATE DBSPACE SP26 ALLOCATE
RAWDEVICE /DEV/rdsk/SP026 ;
CREATE DBSPACE SP27 ALLOCATE
RAWDEVICE /DEV/rdsk/SP027 ;

CREATE DBSPACE SP28 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0028 ;
CREATE DBSPACE SP29 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0029 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP30 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0030 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP31 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0031 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP32 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0032 ATTRIBUTE
LOG GROUP GROUP1 ;
CREATE DBSPACE SP33 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0033 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP34 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0034 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP35 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0035 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP36 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0036 ATTRIBUTE
LOG GROUP GROUP2 ;
CREATE DBSPACE SP37 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0037 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP38 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0038 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP39 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0039 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP40 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0040 ATTRIBUTE
LOG GROUP GROUP3 ;
CREATE DBSPACE SP41 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0041 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP42 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0042 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP43 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0043 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP44 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0044 ATTRIBUTE
LOG GROUP GROUP4 ;
CREATE DBSPACE SP45 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0045 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP46 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0046 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP47 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0047 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP48 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0048 ATTRIBUTE
LOG GROUP GROUP5 ;
CREATE DBSPACE SP49 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0049 ;
CREATE DBSPACE SP50 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0050 ;
CREATE DBSPACE SP51 ALLOCATE
RAWDEVICE /DEV/rdsk/SP0051 ;

```



```

CREATE DBSPACE SP1310
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1310 ;
CREATE DBSPACE SP1311
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1311 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1312
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1312 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1313
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1313 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1314
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1314 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1315
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1315 ATTRIBUTE LOG GROUP
GROUP3 ;
CREATE DBSPACE SP1316
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1316 ATTRIBUTE LOG GROUP
GROUP3 ;
CREATE DBSPACE SP1317
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1317 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1318
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1318 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1319
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1319 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1320
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1320 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1321
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1321 ;
CREATE DBSPACE SP1322
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1322 ;
CREATE DBSPACE SP1323
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1323 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1324
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1324 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1325
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1325 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1326
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1326 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1327
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1327 ATTRIBUTE LOG GROUP
GROUP3 ;

```

```

CREATE DBSPACE SP1328
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1328 ATTRIBUTE LOG GROUP
GROUP3 ;
CREATE DBSPACE SP1329
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1329 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1330
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1330 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1331
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1331 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1332
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1332 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1333
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1333 ;
CREATE DBSPACE SP1334
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1334 ;
CREATE DBSPACE SP1335
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1335 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1336
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1336 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1337
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1337 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1338
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1338 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1339
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1339 ATTRIBUTE LOG GROUP
GROUP3 ;
CREATE DBSPACE SP1340
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1340 ATTRIBUTE LOG GROUP
GROUP3 ;
CREATE DBSPACE SP1341
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1341 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1342
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1342 ATTRIBUTE LOG GROUP
GROUP4 ;
CREATE DBSPACE SP1343
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1343 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1344
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1344 ATTRIBUTE LOG GROUP
GROUP5 ;
CREATE DBSPACE SP1345
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1345 ;

```

```

CREATE DBSPACE SP1346
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1346 ;
CREATE DBSPACE SP1347
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1347 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1348
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1348 ATTRIBUTE LOG GROUP
GROUP1 ;
CREATE DBSPACE SP1349
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1349 ATTRIBUTE LOG GROUP
GROUP2 ;
CREATE DBSPACE SP1350
  ALLOCATE RAWDEVICE
/DEV/rdsk/SP1350 ATTRIBUTE LOG GROUP
GROUP2 ;

```

```

===== ddl_db.mak =====

```

```

--
/*=====
=====*/
--/*
--
/*=====
=====*/
CREATE DATABASE TPCC;

```

```

===== mkarc.sh =====

```

```

:
set -x
date

timex rdblog -G -a /DEV/rdsk/ARC1 4000M
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC2
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC3
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC4
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC5
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC6
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC7
sleep 1

timex rdblog -G -a -g GROUP1
/DEV/rdsk/ARC_G1_1 4000M
sleep 1
timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_2
sleep 1
timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_3
sleep 1
timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_4
sleep 1

```

```

timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_5
sleep 1
timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_6
sleep 1
timex rdblog -U -a -g GROUP1
/DEV/rdsk/ARC_G1_7
sleep 1
date

timex rdblog -G -a -g GROUP2
/DEV/rdsk/ARC_G2_1 4000M
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_2
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_3
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_4
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_5
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_6
sleep 1
timex rdblog -U -a -g GROUP2
/DEV/rdsk/ARC_G2_7
sleep 1
date

timex rdblog -G -a -g GROUP3
/DEV/rdsk/ARC_G3_1 4000M
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_2
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_3
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_4
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_5
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_6
sleep 1
timex rdblog -U -a -g GROUP3
/DEV/rdsk/ARC_G3_7
sleep 1
date

timex rdblog -G -a -g GROUP4
/DEV/rdsk/ARC_G4_1 4000M
sleep 1
timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_2
sleep 1
timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_3
sleep 1
timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_4
sleep 1

```

```

timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_5
sleep 1
timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_6
sleep 1
timex rdblog -U -a -g GROUP4
/DEV/rdsk/ARC_G4_7
sleep 1
date

timex rdblog -G -a -g GROUP5
/DEV/rdsk/ARC_G5_1 4000M
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_2
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_3
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_4
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_5
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_6
sleep 1
timex rdblog -U -a -g GROUP5
/DEV/rdsk/ARC_G5_7
sleep 1
date

===== mktmplog.sh.AI_18GB =====

:
set -x

# system log group
LOG_AI=/DEV/rdsk/AI_LOG
LOG_BI=/DEV/rdsk/BI_LOG
LOG_IX=/DEV/rdsk/IX_LOG

# user log group 1
GROUP_G1=GROUP1
UG_G1=/DEV/rdsk/LOG_UG_G1
LOG_IX_G1=/DEV/rdsk/IX_LOG_G1
LOG_BI_G1=/DEV/rdsk/BI_LOG_G1
LOG_AI_G1=/DEV/rdsk/AI_LOG_G1

# user log group 2
GROUP_G2=GROUP2
UG_G2=/DEV/rdsk/LOG_UG_G2
LOG_IX_G2=/DEV/rdsk/IX_LOG_G2
LOG_BI_G2=/DEV/rdsk/BI_LOG_G2
LOG_AI_G2=/DEV/rdsk/AI_LOG_G2

# user log group 3
GROUP_G3=GROUP3
UG_G3=/DEV/rdsk/LOG_UG_G3
LOG_IX_G3=/DEV/rdsk/IX_LOG_G3
LOG_BI_G3=/DEV/rdsk/BI_LOG_G3
LOG_AI_G3=/DEV/rdsk/AI_LOG_G3

# user log group 4

```

```

GROUP_G4=GROUP4
UG_G4=/DEV/rdsk/LOG_UG_G4
LOG_IX_G4=/DEV/rdsk/IX_LOG_G4
LOG_BI_G4=/DEV/rdsk/BI_LOG_G4
LOG_AI_G4=/DEV/rdsk/AI_LOG_G4

# user log group 5
GROUP_G5=GROUP5
UG_G5=/DEV/rdsk/LOG_UG_G5
LOG_IX_G5=/DEV/rdsk/IX_LOG_G5
LOG_BI_G5=/DEV/rdsk/BI_LOG_G5
LOG_AI_G5=/DEV/rdsk/AI_LOG_G5

# before AI_18GB
#RCV_SIZE=8160M
#AI_SIZE=8600M
#BI_SIZE=2000M
#TRNENT=900

# after AI_18GB
RCV_SIZE=15200M
AI_SIZE=16000M
BI_SIZE=2000M
TRNENT=1350

# make log group manage file
# (please define RDBLOGGROUP on
rdbsysconfig )
timex rdblog -M

date
rm /rdbptc/tpcc80/SYS/rdblogmanage
timex rdblog -I

timex rdblog -G -I -c $RCV_SIZE -io 2048
$LOG_IX $LOG_BI $LOG_AI $BI_SIZE $AI_SIZE
$TRNENT

wait

# make user log file (group 1)
rdblog -I -g $GROUP_G1 $UG_G1
timex rdblog -G -I -g $GROUP_G1 -c $RCV_SIZE
-io 2048 $LOG_IX_G1 $LOG_BI_G1
$LOG_AI_G1 $BI_SIZE $AI_SIZE $TRNENT

# make user log file (group 2)
rdblog -I -g $GROUP_G2 $UG_G2
timex rdblog -G -I -g $GROUP_G2 -c $RCV_SIZE
-io 2048 $LOG_IX_G2 $LOG_BI_G2
$LOG_AI_G2 $BI_SIZE $AI_SIZE $TRNENT

# make user log file (group 3)
rdblog -I -g $GROUP_G3 $UG_G3
timex rdblog -G -I -g $GROUP_G3 -c $RCV_SIZE
-io 2048 $LOG_IX_G3 $LOG_BI_G3
$LOG_AI_G3 $BI_SIZE $AI_SIZE $TRNENT

# make user log file (group 4)
rdblog -I -g $GROUP_G4 $UG_G4
timex rdblog -G -I -g $GROUP_G4 -c $RCV_SIZE
-io 2048 $LOG_IX_G4 $LOG_BI_G4
$LOG_AI_G4 $BI_SIZE $AI_SIZE $TRNENT

# make user log file (group 5)
rdblog -I -g $GROUP_G5 $UG_G5
timex rdblog -G -I -g $GROUP_G5 -c $RCV_SIZE
-io 2048 $LOG_IX_G5 $LOG_BI_G5
$LOG_AI_G5 $BI_SIZE $AI_SIZE $TRNENT

```



```

mount -Fufs /dev/dsk/c9t2d5s7 /rdb/sortwk/102
chown tpcc:seino /rdb/sortwk/102
mkdir /rdb/loaddata/103
mount -Fufs /dev/dsk/c14t1d0s0 /rdb/loaddata/103
chown tpcc:seino /rdb/loaddata/103
mkdir /rdb/sortwk/103
mount -Fufs /dev/dsk/c14t1d0s7 /rdb/sortwk/103
chown tpcc:seino /rdb/sortwk/103
mkdir /rdb/loaddata/104
mount -Fufs /dev/dsk/c14t1d1s0 /rdb/loaddata/104
chown tpcc:seino /rdb/loaddata/104
mkdir /rdb/sortwk/104
mount -Fufs /dev/dsk/c14t1d1s7 /rdb/sortwk/104
chown tpcc:seino /rdb/sortwk/104
mkdir /rdb/loaddata/105
mount -Fufs /dev/dsk/c14t1d2s0 /rdb/loaddata/105
chown tpcc:seino /rdb/loaddata/105
mkdir /rdb/sortwk/105
mount -Fufs /dev/dsk/c14t1d2s7 /rdb/sortwk/105
chown tpcc:seino /rdb/sortwk/105
mkdir /rdb/loaddata/106
mount -Fufs /dev/dsk/c5t2d3s0 /rdb/loaddata/106
chown tpcc:seino /rdb/loaddata/106
mkdir /rdb/sortwk/106
mount -Fufs /dev/dsk/c5t2d3s7 /rdb/sortwk/106
chown tpcc:seino /rdb/sortwk/106
mkdir /rdb/loaddata/107
mount -Fufs /dev/dsk/c5t2d4s0 /rdb/loaddata/107
chown tpcc:seino /rdb/loaddata/107
mkdir /rdb/sortwk/107
mount -Fufs /dev/dsk/c5t2d4s7 /rdb/sortwk/107
chown tpcc:seino /rdb/sortwk/107
mkdir /rdb/loaddata/108
mount -Fufs /dev/dsk/c5t2d5s0 /rdb/loaddata/108
chown tpcc:seino /rdb/loaddata/108
mkdir /rdb/sortwk/108
mount -Fufs /dev/dsk/c5t2d5s7 /rdb/sortwk/108
chown tpcc:seino /rdb/sortwk/108
mkdir /rdb/loaddata/109
mount -Fufs /dev/dsk/c6t1d0s0 /rdb/loaddata/109
chown tpcc:seino /rdb/loaddata/109
mkdir /rdb/sortwk/109
mount -Fufs /dev/dsk/c6t1d0s7 /rdb/sortwk/109
chown tpcc:seino /rdb/sortwk/109
mkdir /rdb/loaddata/110
mount -Fufs /dev/dsk/c6t1d1s0 /rdb/loaddata/110
chown tpcc:seino /rdb/loaddata/110
mkdir /rdb/sortwk/110
mount -Fufs /dev/dsk/c6t1d1s7 /rdb/sortwk/110
chown tpcc:seino /rdb/sortwk/110
mkdir /rdb/loaddata/111
mount -Fufs /dev/dsk/c6t1d2s0 /rdb/loaddata/111
chown tpcc:seino /rdb/loaddata/111
mkdir /rdb/sortwk/111
mount -Fufs /dev/dsk/c6t1d2s7 /rdb/sortwk/111
chown tpcc:seino /rdb/sortwk/111
mkdir /rdb/loaddata/112
mount -Fufs /dev/dsk/c5t1d3s0 /rdb/loaddata/112
chown tpcc:seino /rdb/loaddata/112
mkdir /rdb/sortwk/112
mount -Fufs /dev/dsk/c5t1d3s7 /rdb/sortwk/112
chown tpcc:seino /rdb/sortwk/112
mkdir /rdb/loaddata/113
mount -Fufs /dev/dsk/c5t1d4s0 /rdb/loaddata/113
chown tpcc:seino /rdb/loaddata/113
mkdir /rdb/sortwk/113
mount -Fufs /dev/dsk/c5t1d4s7 /rdb/sortwk/113
chown tpcc:seino /rdb/sortwk/113
mkdir /rdb/loaddata/114

```

```

mount -Fufs /dev/dsk/c5t1d5s0 /rdb/loaddata/114
chown tpcc:seino /rdb/loaddata/114
mkdir /rdb/sortwk/114
mount -Fufs /dev/dsk/c5t1d5s7 /rdb/sortwk/114
chown tpcc:seino /rdb/sortwk/114
mkdir /rdb/loaddata/115
mount -Fufs /dev/dsk/c35t1d0s0 /rdb/loaddata/115
chown tpcc:seino /rdb/loaddata/115
mkdir /rdb/sortwk/115
mount -Fufs /dev/dsk/c35t1d0s7 /rdb/sortwk/115
chown tpcc:seino /rdb/loaddata/115
mkdir /rdb/loaddata/116
mount -Fufs /dev/dsk/c35t1d1s0 /rdb/loaddata/116
chown tpcc:seino /rdb/loaddata/116
mkdir /rdb/sortwk/116
mount -Fufs /dev/dsk/c35t1d1s7 /rdb/sortwk/116
chown tpcc:seino /rdb/sortwk/116
mkdir /rdb/loaddata/117
mount -Fufs /dev/dsk/c35t1d2s0 /rdb/loaddata/117
chown tpcc:seino /rdb/loaddata/117
mkdir /rdb/sortwk/117
mount -Fufs /dev/dsk/c35t1d2s7 /rdb/sortwk/117
chown tpcc:seino /rdb/sortwk/117
mkdir /rdb/loaddata/118
mount -Fufs /dev/dsk/c46t2d3s0 /rdb/loaddata/118
chown tpcc:seino /rdb/loaddata/118
mkdir /rdb/sortwk/118
mount -Fufs /dev/dsk/c46t2d3s7 /rdb/sortwk/118
chown tpcc:seino /rdb/sortwk/118
mkdir /rdb/loaddata/119
mount -Fufs /dev/dsk/c46t2d4s0 /rdb/loaddata/119
chown tpcc:seino /rdb/loaddata/119
mkdir /rdb/sortwk/119
mount -Fufs /dev/dsk/c46t2d4s7 /rdb/sortwk/119
chown tpcc:seino /rdb/sortwk/119
mkdir /rdb/loaddata/120
mount -Fufs /dev/dsk/c46t2d5s0 /rdb/loaddata/120
chown tpcc:seino /rdb/loaddata/120
mkdir /rdb/sortwk/120
mount -Fufs /dev/dsk/c46t2d5s7 /rdb/sortwk/120
chown tpcc:seino /rdb/sortwk/120
mkdir /rdb/loaddata/121
mount -Fufs /dev/dsk/c48t1d0s0 /rdb/loaddata/121
chown tpcc:seino /rdb/loaddata/121
mkdir /rdb/sortwk/121
mount -Fufs /dev/dsk/c48t1d0s7 /rdb/sortwk/121
chown tpcc:seino /rdb/sortwk/121
mkdir /rdb/loaddata/122
mount -Fufs /dev/dsk/c48t1d1s0 /rdb/loaddata/122
chown tpcc:seino /rdb/loaddata/122
mkdir /rdb/sortwk/122
mount -Fufs /dev/dsk/c48t1d1s7 /rdb/sortwk/122
chown tpcc:seino /rdb/sortwk/122
mkdir /rdb/loaddata/123
mount -Fufs /dev/dsk/c48t1d2s0 /rdb/loaddata/123
chown tpcc:seino /rdb/loaddata/123
mkdir /rdb/sortwk/123
mount -Fufs /dev/dsk/c48t1d2s7 /rdb/sortwk/123
chown tpcc:seino /rdb/sortwk/123
mkdir /rdb/loaddata/124
mount -Fufs /dev/dsk/c11t2d3s0 /rdb/loaddata/124
chown tpcc:seino /rdb/loaddata/124
mkdir /rdb/sortwk/124
mount -Fufs /dev/dsk/c11t2d3s7 /rdb/sortwk/124
chown tpcc:seino /rdb/sortwk/124
mkdir /rdb/loaddata/125
mount -Fufs /dev/dsk/c11t2d4s0 /rdb/loaddata/125
chown tpcc:seino /rdb/loaddata/125
mkdir /rdb/sortwk/125

```

```

mount -Fufs /dev/dsk/c11t2d4s7 /rdb/sortwk/125
chown tpcc:seino /rdb/sortwk/125
mkdir /rdb/loaddata/126
mount -Fufs /dev/dsk/c11t2d5s0 /rdb/loaddata/126
chown tpcc:seino /rdb/loaddata/126
mkdir /rdb/sortwk/126
mount -Fufs /dev/dsk/c11t2d5s7 /rdb/sortwk/126
chown tpcc:seino /rdb/sortwk/126
mkdir /rdb/loaddata/127
mount -Fufs /dev/dsk/c42t1d0s0 /rdb/loaddata/127
chown tpcc:seino /rdb/loaddata/127
mkdir /rdb/sortwk/127
mount -Fufs /dev/dsk/c42t1d0s7 /rdb/sortwk/127
chown tpcc:seino /rdb/sortwk/127
mkdir /rdb/loaddata/128
mount -Fufs /dev/dsk/c42t1d1s0 /rdb/loaddata/128
chown tpcc:seino /rdb/loaddata/128
mkdir /rdb/sortwk/128
mount -Fufs /dev/dsk/c42t1d1s7 /rdb/sortwk/128
chown tpcc:seino /rdb/sortwk/128
wait

```

```

===== rdbgcdsi.19800wh.sh =====

```

```

#!/bin/csh -xf
fastsu sh -x ./mountLOAD.sh
setenv RDBDB TPCC

```

```

set LOAD1_D = /rdb/loaddata/1
set LOAD2_D = /rdb/loaddata/2
set LOAD3_D = /rdb/loaddata/3
set LOAD4_D = /rdb/loaddata/4
set LOAD5_D = /rdb/loaddata/5
set LOAD6_D = /rdb/loaddata/6
set LOAD7_D = /rdb/loaddata/7
set LOAD8_D = /rdb/loaddata/8
set LOAD9_D = /rdb/loaddata/9
set LOAD10_D = /rdb/loaddata/10
set LOAD11_D = /rdb/loaddata/11
set LOAD12_D = /rdb/loaddata/12
set LOAD13_D = /rdb/loaddata/13
set LOAD14_D = /rdb/loaddata/14
set LOAD15_D = /rdb/loaddata/15
set LOAD16_D = /rdb/loaddata/16
set LOAD17_D = /rdb/loaddata/17
set LOAD18_D = /rdb/loaddata/18
set LOAD19_D = /rdb/loaddata/19
set LOAD20_D = /rdb/loaddata/20
set LOAD21_D = /rdb/loaddata/21
set LOAD22_D = /rdb/loaddata/22
set LOAD23_D = /rdb/loaddata/23
set LOAD24_D = /rdb/loaddata/24
set LOAD25_D = /rdb/loaddata/25
set LOAD26_D = /rdb/loaddata/26
set LOAD27_D = /rdb/loaddata/27
set LOAD28_D = /rdb/loaddata/28
set LOAD29_D = /rdb/loaddata/29
set LOAD30_D = /rdb/loaddata/30
set LOAD31_D = /rdb/loaddata/31
set LOAD32_D = /rdb/loaddata/32
set LOAD33_D = /rdb/loaddata/33
set LOAD34_D = /rdb/loaddata/34
set LOAD35_D = /rdb/loaddata/35
set LOAD36_D = /rdb/loaddata/36
set LOAD37_D = /rdb/loaddata/37
set LOAD38_D = /rdb/loaddata/38
set LOAD39_D = /rdb/loaddata/39

```

```

set LOAD40_D = /rdb/loaddata/40
set LOAD41_D = /rdb/loaddata/41
set LOAD42_D = /rdb/loaddata/42
set LOAD43_D = /rdb/loaddata/43
set LOAD44_D = /rdb/loaddata/44
set LOAD45_D = /rdb/loaddata/45
set LOAD46_D = /rdb/loaddata/46
set LOAD47_D = /rdb/loaddata/47
set LOAD48_D = /rdb/loaddata/48
set LOAD49_D = /rdb/loaddata/49
set LOAD50_D = /rdb/loaddata/50
set LOAD51_D = /rdb/loaddata/51
set LOAD52_D = /rdb/loaddata/52
set LOAD53_D = /rdb/loaddata/53
set LOAD54_D = /rdb/loaddata/54
set LOAD55_D = /rdb/loaddata/55
set LOAD56_D = /rdb/loaddata/56
set LOAD57_D = /rdb/loaddata/57
set LOAD58_D = /rdb/loaddata/58
set LOAD59_D = /rdb/loaddata/59
set LOAD60_D = /rdb/loaddata/60
set LOAD61_D = /rdb/loaddata/61
set LOAD62_D = /rdb/loaddata/62
set LOAD63_D = /rdb/loaddata/63
set LOAD64_D = /rdb/loaddata/64
set LOAD65_D = /rdb/loaddata/65
set LOAD66_D = /rdb/loaddata/66
set LOAD67_D = /rdb/loaddata/67
set LOAD68_D = /rdb/loaddata/68
set LOAD69_D = /rdb/loaddata/69
set LOAD70_D = /rdb/loaddata/70
set LOAD71_D = /rdb/loaddata/71
set LOAD72_D = /rdb/loaddata/72
set LOAD73_D = /rdb/loaddata/73
set LOAD74_D = /rdb/loaddata/74
set LOAD75_D = /rdb/loaddata/75
set LOAD76_D = /rdb/loaddata/76
set LOAD77_D = /rdb/loaddata/77
set LOAD78_D = /rdb/loaddata/78
set LOAD79_D = /rdb/loaddata/79
set LOAD80_D = /rdb/loaddata/80
set LOAD81_D = /rdb/loaddata/81
set LOAD82_D = /rdb/loaddata/82
set LOAD83_D = /rdb/loaddata/83
set LOAD84_D = /rdb/loaddata/84
set LOAD85_D = /rdb/loaddata/85
set LOAD86_D = /rdb/loaddata/86
set LOAD87_D = /rdb/loaddata/87
set LOAD88_D = /rdb/loaddata/88
set LOAD89_D = /rdb/loaddata/89
set LOAD90_D = /rdb/loaddata/90
set LOAD91_D = /rdb/loaddata/91
set LOAD92_D = /rdb/loaddata/92
set LOAD93_D = /rdb/loaddata/93
set LOAD94_D = /rdb/loaddata/94
set LOAD95_D = /rdb/loaddata/95
set LOAD96_D = /rdb/loaddata/96
set LOAD97_D = /rdb/loaddata/97
set LOAD98_D = /rdb/loaddata/98
set LOAD99_D = /rdb/loaddata/99
set LOAD100_D = /rdb/loaddata/100
set LOAD101_D = /rdb/loaddata/101
set LOAD102_D = /rdb/loaddata/102
set LOAD103_D = /rdb/loaddata/103
set LOAD104_D = /rdb/loaddata/104
set LOAD105_D = /rdb/loaddata/105
set LOAD106_D = /rdb/loaddata/106
set LOAD107_D = /rdb/loaddata/107
set LOAD108_D = /rdb/loaddata/108

```

```

set LOAD109_D = /rdb/loaddata/109
set LOAD110_D = /rdb/loaddata/110
set LOAD111_D = /rdb/loaddata/111
set LOAD112_D = /rdb/loaddata/112
set LOAD113_D = /rdb/loaddata/113
set LOAD114_D = /rdb/loaddata/114
set LOAD115_D = /rdb/loaddata/115
set LOAD116_D = /rdb/loaddata/116
set LOAD117_D = /rdb/loaddata/117
set LOAD118_D = /rdb/loaddata/118
set LOAD119_D = /rdb/loaddata/119
set LOAD120_D = /rdb/loaddata/120
set LOAD121_D = /rdb/loaddata/121
set LOAD122_D = /rdb/loaddata/122
set LOAD123_D = /rdb/loaddata/123
set LOAD124_D = /rdb/loaddata/124
set LOAD125_D = /rdb/loaddata/125
set LOAD126_D = /rdb/loaddata/126
set LOAD127_D = /rdb/loaddata/127
set LOAD128_D = /rdb/loaddata/128
set WK1_D = /rdb/sortwk/1
set WK2_D = /rdb/sortwk/2
set WK3_D = /rdb/sortwk/3
set WK4_D = /rdb/sortwk/4
set WK5_D = /rdb/sortwk/5
set WK6_D = /rdb/sortwk/6
set WK7_D = /rdb/sortwk/7
set WK8_D = /rdb/sortwk/8
set WK9_D = /rdb/sortwk/9
set WK10_D = /rdb/sortwk/10
set WK11_D = /rdb/sortwk/11
set WK12_D = /rdb/sortwk/12
set WK13_D = /rdb/sortwk/13
set WK14_D = /rdb/sortwk/14
set WK15_D = /rdb/sortwk/15
set WK16_D = /rdb/sortwk/16
set WK17_D = /rdb/sortwk/17
set WK18_D = /rdb/sortwk/18
set WK19_D = /rdb/sortwk/19
set WK20_D = /rdb/sortwk/20
set WK21_D = /rdb/sortwk/21
set WK22_D = /rdb/sortwk/22
set WK23_D = /rdb/sortwk/23
set WK24_D = /rdb/sortwk/24
set WK25_D = /rdb/sortwk/25
set WK26_D = /rdb/sortwk/26
set WK27_D = /rdb/sortwk/27
set WK28_D = /rdb/sortwk/28
set WK29_D = /rdb/sortwk/29
set WK30_D = /rdb/sortwk/30
set WK31_D = /rdb/sortwk/31
set WK32_D = /rdb/sortwk/32
set WK33_D = /rdb/sortwk/33
set WK34_D = /rdb/sortwk/34
set WK35_D = /rdb/sortwk/35
set WK36_D = /rdb/sortwk/36
set WK37_D = /rdb/sortwk/37
set WK38_D = /rdb/sortwk/38
set WK39_D = /rdb/sortwk/39
set WK40_D = /rdb/sortwk/40
set WK41_D = /rdb/sortwk/41
set WK42_D = /rdb/sortwk/42
set WK43_D = /rdb/sortwk/43
set WK44_D = /rdb/sortwk/44
set WK45_D = /rdb/sortwk/45
set WK46_D = /rdb/sortwk/46
set WK47_D = /rdb/sortwk/47
set WK48_D = /rdb/sortwk/48
set WK49_D = /rdb/sortwk/49

```

```

set WK50_D = /rdb/sortwk/50
set WK51_D = /rdb/sortwk/51
set WK52_D = /rdb/sortwk/52
set WK53_D = /rdb/sortwk/53
set WK54_D = /rdb/sortwk/54
set WK55_D = /rdb/sortwk/55
set WK56_D = /rdb/sortwk/56
set WK57_D = /rdb/sortwk/57
set WK58_D = /rdb/sortwk/58
set WK59_D = /rdb/sortwk/59
set WK60_D = /rdb/sortwk/60
set WK61_D = /rdb/sortwk/61
set WK62_D = /rdb/sortwk/62
set WK63_D = /rdb/sortwk/63
set WK64_D = /rdb/sortwk/64
set WK65_D = /rdb/sortwk/65
set WK66_D = /rdb/sortwk/66
set WK67_D = /rdb/sortwk/67
set WK68_D = /rdb/sortwk/68
set WK69_D = /rdb/sortwk/69
set WK70_D = /rdb/sortwk/70
set WK71_D = /rdb/sortwk/71
set WK72_D = /rdb/sortwk/72
set WK73_D = /rdb/sortwk/73
set WK74_D = /rdb/sortwk/74
set WK75_D = /rdb/sortwk/75
set WK76_D = /rdb/sortwk/76
set WK77_D = /rdb/sortwk/77
set WK78_D = /rdb/sortwk/78
set WK79_D = /rdb/sortwk/79
set WK80_D = /rdb/sortwk/80
set WK81_D = /rdb/sortwk/81
set WK82_D = /rdb/sortwk/82
set WK83_D = /rdb/sortwk/83
set WK84_D = /rdb/sortwk/84
set WK85_D = /rdb/sortwk/85
set WK86_D = /rdb/sortwk/86
set WK87_D = /rdb/sortwk/87
set WK88_D = /rdb/sortwk/88
set WK89_D = /rdb/sortwk/89
set WK90_D = /rdb/sortwk/90
set WK91_D = /rdb/sortwk/91
set WK92_D = /rdb/sortwk/92
set WK93_D = /rdb/sortwk/93
set WK94_D = /rdb/sortwk/94
set WK95_D = /rdb/sortwk/95
set WK96_D = /rdb/sortwk/96
set WK97_D = /rdb/sortwk/97
set WK98_D = /rdb/sortwk/98
set WK99_D = /rdb/sortwk/99
set WK100_D = /rdb/sortwk/100
set WK101_D = /rdb/sortwk/101
set WK102_D = /rdb/sortwk/102
set WK103_D = /rdb/sortwk/103
set WK104_D = /rdb/sortwk/104
set WK105_D = /rdb/sortwk/105
set WK106_D = /rdb/sortwk/106
set WK107_D = /rdb/sortwk/107
set WK108_D = /rdb/sortwk/108
set WK109_D = /rdb/sortwk/109
set WK110_D = /rdb/sortwk/110
set WK111_D = /rdb/sortwk/111
set WK112_D = /rdb/sortwk/112
set WK113_D = /rdb/sortwk/113
set WK114_D = /rdb/sortwk/114
set WK115_D = /rdb/sortwk/115
set WK116_D = /rdb/sortwk/116
set WK117_D = /rdb/sortwk/117
set WK118_D = /rdb/sortwk/118

```

```

set WK119_D = /rdb/sortwk/119
set WK120_D = /rdb/sortwk/120
set WK121_D = /rdb/sortwk/121
set WK122_D = /rdb/sortwk/122
set WK123_D = /rdb/sortwk/123
set WK124_D = /rdb/sortwk/124
set WK125_D = /rdb/sortwk/125
set WK126_D = /rdb/sortwk/126
set WK127_D = /rdb/sortwk/127
set WK128_D = /rdb/sortwk/128

```

```

set WLOAD1_D = /rdb/loaddata/1
set WLOAD2_D = /rdb/loaddata/2
set WLOAD3_D = /rdb/loaddata/3
set WLOAD4_D = /rdb/loaddata/4
set WLOAD5_D = /rdb/loaddata/5
set WLOAD6_D = /rdb/loaddata/6
set WLOAD7_D = /rdb/loaddata/7
set WLOAD8_D = /rdb/loaddata/8
set WLOAD9_D = /rdb/loaddata/9
set WLOAD10_D = /rdb/loaddata/10
set WLOAD11_D = /rdb/loaddata/11
set WLOAD12_D = /rdb/loaddata/12
set WLOAD13_D = /rdb/loaddata/13
set WLOAD14_D = /rdb/loaddata/14
set WLOAD15_D = /rdb/loaddata/15
set WLOAD16_D = /rdb/loaddata/16
set WLOAD17_D = /rdb/loaddata/17
set WLOAD18_D = /rdb/loaddata/18
set WLOAD19_D = /rdb/loaddata/19
set WLOAD20_D = /rdb/loaddata/20
set WLOAD21_D = /rdb/loaddata/21
set WLOAD22_D = /rdb/loaddata/22
set WLOAD23_D = /rdb/loaddata/23
set WLOAD24_D = /rdb/loaddata/24
set WLOAD25_D = /rdb/loaddata/25
set WLOAD26_D = /rdb/loaddata/26
set WLOAD27_D = /rdb/loaddata/27
set WLOAD28_D = /rdb/loaddata/28
set WLOAD29_D = /rdb/loaddata/29
set WLOAD30_D = /rdb/loaddata/30
set WLOAD31_D = /rdb/loaddata/31
set WLOAD32_D = /rdb/loaddata/32
set WLOAD33_D = /rdb/loaddata/33
set WLOAD34_D = /rdb/loaddata/34
set WLOAD35_D = /rdb/loaddata/35
set WLOAD36_D = /rdb/loaddata/36
set WLOAD37_D = /rdb/loaddata/37
set WLOAD38_D = /rdb/loaddata/38
set WLOAD39_D = /rdb/loaddata/39
set WLOAD40_D = /rdb/loaddata/40
set WLOAD41_D = /rdb/loaddata/41
set WLOAD42_D = /rdb/loaddata/42
set WLOAD43_D = /rdb/loaddata/43
set WLOAD44_D = /rdb/loaddata/44
set WLOAD45_D = /rdb/loaddata/45
set WLOAD46_D = /rdb/loaddata/46
set WLOAD47_D = /rdb/loaddata/47
set WLOAD48_D = /rdb/loaddata/48
set WLOAD49_D = /rdb/loaddata/49
set WLOAD50_D = /rdb/loaddata/50
set WLOAD51_D = /rdb/loaddata/51
set WLOAD52_D = /rdb/loaddata/52
set WLOAD53_D = /rdb/loaddata/53
set WLOAD54_D = /rdb/loaddata/54
set WLOAD55_D = /rdb/loaddata/55
set WLOAD56_D = /rdb/loaddata/56
set WLOAD57_D = /rdb/loaddata/57
set WLOAD58_D = /rdb/loaddata/58

```

```

set WLOAD59_D = /rdb/loaddata/59
set WLOAD60_D = /rdb/loaddata/60
set WLOAD61_D = /rdb/loaddata/61
set WLOAD62_D = /rdb/loaddata/62
set WLOAD63_D = /rdb/loaddata/63
set WLOAD64_D = /rdb/loaddata/64
set xLOAD1_D = /rdb/loaddata/65
set xLOAD2_D = /rdb/loaddata/66
set xLOAD3_D = /rdb/loaddata/67
set xLOAD4_D = /rdb/loaddata/68
set xLOAD5_D = /rdb/loaddata/69
set xLOAD6_D = /rdb/loaddata/70
set xLOAD7_D = /rdb/loaddata/71
set xLOAD8_D = /rdb/loaddata/72
set xLOAD9_D = /rdb/loaddata/73
set xLOAD10_D = /rdb/loaddata/74
set xLOAD11_D = /rdb/loaddata/75
set xLOAD12_D = /rdb/loaddata/76
set xLOAD13_D = /rdb/loaddata/77
set xLOAD14_D = /rdb/loaddata/78
set xLOAD15_D = /rdb/loaddata/79
set xLOAD16_D = /rdb/loaddata/80
set xLOAD17_D = /rdb/loaddata/81
set xLOAD18_D = /rdb/loaddata/82
set xLOAD19_D = /rdb/loaddata/83
set xLOAD20_D = /rdb/loaddata/84
set xLOAD21_D = /rdb/loaddata/85
set xLOAD22_D = /rdb/loaddata/86
set xLOAD23_D = /rdb/loaddata/87
set xLOAD24_D = /rdb/loaddata/88
set xLOAD25_D = /rdb/loaddata/89
set xLOAD26_D = /rdb/loaddata/90
set xLOAD27_D = /rdb/loaddata/91
set xLOAD28_D = /rdb/loaddata/92
set xLOAD29_D = /rdb/loaddata/93
set xLOAD30_D = /rdb/loaddata/94
set xLOAD31_D = /rdb/loaddata/95
set xLOAD32_D = /rdb/loaddata/96
set xLOAD33_D = /rdb/loaddata/97
set xLOAD34_D = /rdb/loaddata/98
set xLOAD35_D = /rdb/loaddata/99
set xLOAD36_D = /rdb/loaddata/100
set xLOAD37_D = /rdb/loaddata/101
set xLOAD38_D = /rdb/loaddata/102
set xLOAD39_D = /rdb/loaddata/103
set xLOAD40_D = /rdb/loaddata/104
set xLOAD41_D = /rdb/loaddata/105
set xLOAD42_D = /rdb/loaddata/106
set xLOAD43_D = /rdb/loaddata/107
set xLOAD44_D = /rdb/loaddata/108
set xLOAD45_D = /rdb/loaddata/109
set xLOAD46_D = /rdb/loaddata/110
set xLOAD47_D = /rdb/loaddata/111
set xLOAD48_D = /rdb/loaddata/112
set xLOAD49_D = /rdb/loaddata/113
set xLOAD50_D = /rdb/loaddata/114
set xLOAD51_D = /rdb/loaddata/115
set xLOAD52_D = /rdb/loaddata/116
set xLOAD53_D = /rdb/loaddata/117
set xLOAD54_D = /rdb/loaddata/118
set xLOAD55_D = /rdb/loaddata/119
set xLOAD56_D = /rdb/loaddata/120
set xLOAD57_D = /rdb/loaddata/121
set xLOAD58_D = /rdb/loaddata/122
set xLOAD59_D = /rdb/loaddata/123
set xLOAD60_D = /rdb/loaddata/124
set xLOAD61_D = /rdb/loaddata/125
set xLOAD62_D = /rdb/loaddata/126
set xLOAD63_D = /rdb/loaddata/127

```

```
set xLOAD64_D = /rdb/loaddata/128
```

```
## ORDERS
```

```
foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 )
```

```

@ dsi_num_os1 = $num * 64 + 1
@ dsi_num_os2 = $num * 64 + 2
@ dsi_num_os3 = $num * 64 + 3
@ dsi_num_os4 = $num * 64 + 4
@ dsi_num_os5 = $num * 64 + 5
@ dsi_num_os6 = $num * 64 + 6
@ dsi_num_os7 = $num * 64 + 7
@ dsi_num_os8 = $num * 64 + 8
@ dsi_num_os9 = $num * 64 + 9
@ dsi_num_os10 = $num * 64 + 10
@ dsi_num_os11 = $num * 64 + 11
@ dsi_num_os12 = $num * 64 + 12
@ dsi_num_os13 = $num * 64 + 13
@ dsi_num_os14 = $num * 64 + 14
@ dsi_num_os15 = $num * 64 + 15
@ dsi_num_os16 = $num * 64 + 16
@ dsi_num_os17 = $num * 64 + 17
@ dsi_num_os18 = $num * 64 + 18
@ dsi_num_os19 = $num * 64 + 19
@ dsi_num_os20 = $num * 64 + 20
@ dsi_num_os21 = $num * 64 + 21
@ dsi_num_os22 = $num * 64 + 22
@ dsi_num_os23 = $num * 64 + 23
@ dsi_num_os24 = $num * 64 + 24
@ dsi_num_os25 = $num * 64 + 25
@ dsi_num_os26 = $num * 64 + 26
@ dsi_num_os27 = $num * 64 + 27
@ dsi_num_os28 = $num * 64 + 28
@ dsi_num_os29 = $num * 64 + 29
@ dsi_num_os30 = $num * 64 + 30
@ dsi_num_os31 = $num * 64 + 31
@ dsi_num_os32 = $num * 64 + 32
@ dsi_num_os33 = $num * 64 + 33
@ dsi_num_os34 = $num * 64 + 34
@ dsi_num_os35 = $num * 64 + 35
@ dsi_num_os36 = $num * 64 + 36
@ dsi_num_os37 = $num * 64 + 37
@ dsi_num_os38 = $num * 64 + 38
@ dsi_num_os39 = $num * 64 + 39
@ dsi_num_os40 = $num * 64 + 40
@ dsi_num_os41 = $num * 64 + 41
@ dsi_num_os42 = $num * 64 + 42
@ dsi_num_os43 = $num * 64 + 43
@ dsi_num_os44 = $num * 64 + 44
@ dsi_num_os45 = $num * 64 + 45
@ dsi_num_os46 = $num * 64 + 46
@ dsi_num_os47 = $num * 64 + 47
@ dsi_num_os48 = $num * 64 + 48
@ dsi_num_os49 = $num * 64 + 49
@ dsi_num_os50 = $num * 64 + 50
@ dsi_num_os51 = $num * 64 + 51
@ dsi_num_os52 = $num * 64 + 52
@ dsi_num_os53 = $num * 64 + 53
@ dsi_num_os54 = $num * 64 + 54
@ dsi_num_os55 = $num * 64 + 55
@ dsi_num_os56 = $num * 64 + 56
@ dsi_num_os57 = $num * 64 + 57
@ dsi_num_os58 = $num * 64 + 58
@ dsi_num_os59 = $num * 64 + 59
@ dsi_num_os60 = $num * 64 + 60
@ dsi_num_os61 = $num * 64 + 61

```



```

        -p
BASE,TPCC.SP$sp_num9,12M -p
INDEX,TPCC.SP$sp_num9,32K \
        -w $WK17_D \
        -u $WK18_D \
        -f 10 &
endif
if ( $dsi_num_os10 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os10_DSI \
        -p
BASE,TPCC.SP$sp_num10,12M -p
INDEX,TPCC.SP$sp_num10,32K \
        -w $WK19_D \
        -u $WK20_D \
        -f 10 &
endif
if ( $dsi_num_os11 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os11_DSI \
        -p
BASE,TPCC.SP$sp_num11,12M -p
INDEX,TPCC.SP$sp_num11,32K \
        -w $WK21_D \
        -u $WK22_D \
        -f 10 &
endif
if ( $dsi_num_os12 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os12_DSI \
        -p
BASE,TPCC.SP$sp_num12,12M -p
INDEX,TPCC.SP$sp_num12,32K \
        -w $WK23_D \
        -u $WK24_D \
        -f 10 &
endif
if ( $dsi_num_os13 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os13_DSI \
        -p
BASE,TPCC.SP$sp_num13,12M -p
INDEX,TPCC.SP$sp_num13,32K \
        -w $WK25_D \
        -u $WK26_D \
        -f 10 &
endif
if ( $dsi_num_os14 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os14_DSI \
        -p
BASE,TPCC.SP$sp_num14,12M -p
INDEX,TPCC.SP$sp_num14,32K \
        -w $WK27_D \
        -u $WK28_D \
        -f 10 &
endif
if ( $dsi_num_os15 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os15_DSI \
        -p
BASE,TPCC.SP$sp_num15,12M -p
INDEX,TPCC.SP$sp_num15,32K \
        -w $WK29_D \
        -u $WK30_D \
        -f 10 &
endif
if ( $dsi_num_os16 <= 1800 ) then

```

```

    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os16_DSI \
        -p
BASE,TPCC.SP$sp_num16,12M -p
INDEX,TPCC.SP$sp_num16,32K \
        -w $WK31_D \
        -u $WK32_D \
        -f 10 &
endif
if ( $dsi_num_os17 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os17_DSI \
        -p
BASE,TPCC.SP$sp_num17,12M -p
INDEX,TPCC.SP$sp_num17,32K \
        -w $WK33_D \
        -u $WK34_D \
        -f 10 &
endif
if ( $dsi_num_os18 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os18_DSI \
        -p
BASE,TPCC.SP$sp_num18,12M -p
INDEX,TPCC.SP$sp_num18,32K \
        -w $WK35_D \
        -u $WK36_D \
        -f 10 &
endif
if ( $dsi_num_os19 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os19_DSI \
        -p
BASE,TPCC.SP$sp_num19,12M -p
INDEX,TPCC.SP$sp_num19,32K \
        -w $WK37_D \
        -u $WK38_D \
        -f 10 &
endif
if ( $dsi_num_os20 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os20_DSI \
        -p
BASE,TPCC.SP$sp_num20,12M -p
INDEX,TPCC.SP$sp_num20,32K \
        -w $WK39_D \
        -u $WK40_D \
        -f 10 &
endif
if ( $dsi_num_os21 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os21_DSI \
        -p
BASE,TPCC.SP$sp_num21,12M -p
INDEX,TPCC.SP$sp_num21,32K \
        -w $WK41_D \
        -u $WK42_D \
        -f 10 &
endif
if ( $dsi_num_os22 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os22_DSI \
        -p
BASE,TPCC.SP$sp_num22,12M -p
INDEX,TPCC.SP$sp_num22,32K \
        -w $WK43_D \
        -u $WK44_D \
        -f 10 &
endif

```

```

if ( $dsi_num_os23 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os23_DSI \
        -p
BASE,TPCC.SP$sp_num23,12M -p
INDEX,TPCC.SP$sp_num23,32K \
        -w $WK45_D \
        -u $WK46_D \
        -f 10 &
endif
if ( $dsi_num_os24 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os24_DSI \
        -p
BASE,TPCC.SP$sp_num24,12M -p
INDEX,TPCC.SP$sp_num24,32K \
        -w $WK47_D \
        -u $WK48_D \
        -f 10 &
endif
if ( $dsi_num_os25 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os25_DSI \
        -p
BASE,TPCC.SP$sp_num25,12M -p
INDEX,TPCC.SP$sp_num25,32K \
        -w $WK49_D \
        -u $WK50_D \
        -f 10 &
endif
if ( $dsi_num_os26 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os26_DSI \
        -p
BASE,TPCC.SP$sp_num26,12M -p
INDEX,TPCC.SP$sp_num26,32K \
        -w $WK51_D \
        -u $WK52_D \
        -f 10 &
endif
if ( $dsi_num_os27 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os27_DSI \
        -p
BASE,TPCC.SP$sp_num27,12M -p
INDEX,TPCC.SP$sp_num27,32K \
        -w $WK53_D \
        -u $WK54_D \
        -f 10 &
endif
if ( $dsi_num_os28 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os28_DSI \
        -p
BASE,TPCC.SP$sp_num28,12M -p
INDEX,TPCC.SP$sp_num28,32K \
        -w $WK55_D \
        -u $WK56_D \
        -f 10 &
endif
if ( $dsi_num_os29 <= 1800 ) then
    timex rdbgcgsi -E -i
$RDBDB.ORDERS_IX_$dsi_num_os29_DSI \
        -p
BASE,TPCC.SP$sp_num29,12M -p
INDEX,TPCC.SP$sp_num29,32K \
        -w $WK57_D \
        -u $WK58_D \
        -f 10 &

```

```

endif
if ( $dsi_num_os30 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os30\ _DSI \
  -p
  BASE,TPCC.SP$sp_num30,12M -p
  INDEX,TPCC.SP$sp_num30,32K \
  -w $WK59_D \
  -u $WK60_D \
  -f 10 &
endif
if ( $dsi_num_os31 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os31\ _DSI \
  -p
  BASE,TPCC.SP$sp_num31,12M -p
  INDEX,TPCC.SP$sp_num31,32K \
  -w $WK61_D \
  -u $WK62_D \
  -f 10 &
endif
if ( $dsi_num_os32 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os32\ _DSI \
  -p
  BASE,TPCC.SP$sp_num32,12M -p
  INDEX,TPCC.SP$sp_num32,32K \
  -w $WK63_D \
  -u $WK64_D \
  -f 10 &
endif
if ( $dsi_num_os33 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os33\ _DSI \
  -p
  BASE,TPCC.SP$sp_num33,12M -p
  INDEX,TPCC.SP$sp_num33,32K \
  -w $WK65_D \
  -u $WK66_D \
  -f 10 &
endif
if ( $dsi_num_os34 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os34\ _DSI \
  -p
  BASE,TPCC.SP$sp_num34,12M -p
  INDEX,TPCC.SP$sp_num34,32K \
  -w $WK67_D \
  -u $WK68_D \
  -f 10 &
endif
if ( $dsi_num_os35 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os35\ _DSI \
  -p
  BASE,TPCC.SP$sp_num35,12M -p
  INDEX,TPCC.SP$sp_num35,32K \
  -w $WK69_D \
  -u $WK70_D \
  -f 10 &
endif
if ( $dsi_num_os36 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os36\ _DSI \
  -p
  BASE,TPCC.SP$sp_num36,12M -p
  INDEX,TPCC.SP$sp_num36,32K \
  -w $WK71_D \
  -u $WK72_D \

```

```

-f 10 &
endif
if ( $dsi_num_os37 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os37\ _DSI \
  -p
  BASE,TPCC.SP$sp_num37,12M -p
  INDEX,TPCC.SP$sp_num37,32K \
  -w $WK73_D \
  -u $WK74_D \
  -f 10 &
endif
if ( $dsi_num_os38 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os38\ _DSI \
  -p
  BASE,TPCC.SP$sp_num38,12M -p
  INDEX,TPCC.SP$sp_num38,32K \
  -w $WK75_D \
  -u $WK76_D \
  -f 10 &
endif
if ( $dsi_num_os39 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os39\ _DSI \
  -p
  BASE,TPCC.SP$sp_num39,12M -p
  INDEX,TPCC.SP$sp_num39,32K \
  -w $WK77_D \
  -u $WK78_D \
  -f 10 &
endif
if ( $dsi_num_os40 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os40\ _DSI \
  -p
  BASE,TPCC.SP$sp_num40,12M -p
  INDEX,TPCC.SP$sp_num40,32K \
  -w $WK79_D \
  -u $WK80_D \
  -f 10 &
endif
if ( $dsi_num_os41 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os41\ _DSI \
  -p
  BASE,TPCC.SP$sp_num41,12M -p
  INDEX,TPCC.SP$sp_num41,32K \
  -w $WK81_D \
  -u $WK82_D \
  -f 10 &
endif
if ( $dsi_num_os42 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os42\ _DSI \
  -p
  BASE,TPCC.SP$sp_num42,12M -p
  INDEX,TPCC.SP$sp_num42,32K \
  -w $WK83_D \
  -u $WK84_D \
  -f 10 &
endif
if ( $dsi_num_os43 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os43\ _DSI \
  -p
  BASE,TPCC.SP$sp_num43,12M -p
  INDEX,TPCC.SP$sp_num43,32K \
  -w $WK85_D \

```

```

-u $WK86_D \
-f 10 &
endif
if ( $dsi_num_os44 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os44\ _DSI \
  -p
  BASE,TPCC.SP$sp_num44,12M -p
  INDEX,TPCC.SP$sp_num44,32K \
  -w $WK87_D \
  -u $WK88_D \
  -f 10 &
endif
if ( $dsi_num_os45 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os45\ _DSI \
  -p
  BASE,TPCC.SP$sp_num45,12M -p
  INDEX,TPCC.SP$sp_num45,32K \
  -w $WK89_D \
  -u $WK90_D \
  -f 10 &
endif
if ( $dsi_num_os46 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os46\ _DSI \
  -p
  BASE,TPCC.SP$sp_num46,12M -p
  INDEX,TPCC.SP$sp_num46,32K \
  -w $WK91_D \
  -u $WK92_D \
  -f 10 &
endif
if ( $dsi_num_os47 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os47\ _DSI \
  -p
  BASE,TPCC.SP$sp_num47,12M -p
  INDEX,TPCC.SP$sp_num47,32K \
  -w $WK93_D \
  -u $WK94_D \
  -f 10 &
endif
if ( $dsi_num_os48 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os48\ _DSI \
  -p
  BASE,TPCC.SP$sp_num48,12M -p
  INDEX,TPCC.SP$sp_num48,32K \
  -w $WK95_D \
  -u $WK96_D \
  -f 10 &
endif
if ( $dsi_num_os49 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os49\ _DSI \
  -p
  BASE,TPCC.SP$sp_num49,12M -p
  INDEX,TPCC.SP$sp_num49,32K \
  -w $WK97_D \
  -u $WK98_D \
  -f 10 &
endif
if ( $dsi_num_os50 <= 1800 ) then
  timex rdbgcdsi -E -i
  $RDBDB.ORDERES_IX_ $dsi_num_os50\ _DSI \
  -p
  BASE,TPCC.SP$sp_num50,12M -p
  INDEX,TPCC.SP$sp_num50,32K \

```



```

-w $WK99_D \
-u $WK100_D \
-f 10 &
endif
if ( $dsi_num_os51 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os51_ DSI \
  -p
  BASE,TPCC.SP$sp_num51,12M -p
  INDEX,TPCC.SP$sp_num51,32K \
  -w $WK101_D \
  -u $WK102_D \
  -f 10 &
endif
if ( $dsi_num_os52 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os52_ DSI \
  -p
  BASE,TPCC.SP$sp_num52,12M -p
  INDEX,TPCC.SP$sp_num52,32K \
  -w $WK103_D \
  -u $WK104_D \
  -f 10 &
endif
if ( $dsi_num_os53 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os53_ DSI \
  -p
  BASE,TPCC.SP$sp_num53,12M -p
  INDEX,TPCC.SP$sp_num53,32K \
  -w $WK105_D \
  -u $WK106_D \
  -f 10 &
endif
if ( $dsi_num_os54 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os54_ DSI \
  -p
  BASE,TPCC.SP$sp_num54,12M -p
  INDEX,TPCC.SP$sp_num54,32K \
  -w $WK107_D \
  -u $WK108_D \
  -f 10 &
endif
if ( $dsi_num_os55 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os55_ DSI \
  -p
  BASE,TPCC.SP$sp_num55,12M -p
  INDEX,TPCC.SP$sp_num55,32K \
  -w $WK109_D \
  -u $WK110_D \
  -f 10 &
endif
if ( $dsi_num_os56 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os56_ DSI \
  -p
  BASE,TPCC.SP$sp_num56,12M -p
  INDEX,TPCC.SP$sp_num56,32K \
  -w $WK111_D \
  -u $WK112_D \
  -f 10 &
endif
if ( $dsi_num_os57 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os57_ DSI \

```

```

-p
BASE,TPCC.SP$sp_num57,12M -p
INDEX,TPCC.SP$sp_num57,32K \
-w $WK113_D \
-u $WK114_D \
-f 10 &
endif
if ( $dsi_num_os58 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os58_ DSI \
  -p
  BASE,TPCC.SP$sp_num58,12M -p
  INDEX,TPCC.SP$sp_num58,32K \
  -w $WK115_D \
  -u $WK116_D \
  -f 10 &
endif
if ( $dsi_num_os59 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os59_ DSI \
  -p
  BASE,TPCC.SP$sp_num59,12M -p
  INDEX,TPCC.SP$sp_num59,32K \
  -w $WK117_D \
  -u $WK118_D \
  -f 10 &
endif
if ( $dsi_num_os60 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os60_ DSI \
  -p
  BASE,TPCC.SP$sp_num60,12M -p
  INDEX,TPCC.SP$sp_num60,32K \
  -w $WK119_D \
  -u $WK120_D \
  -f 10 &
endif
if ( $dsi_num_os61 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os61_ DSI \
  -p
  BASE,TPCC.SP$sp_num61,12M -p
  INDEX,TPCC.SP$sp_num61,32K \
  -w $WK121_D \
  -u $WK122_D \
  -f 10 &
endif
if ( $dsi_num_os62 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os62_ DSI \
  -p
  BASE,TPCC.SP$sp_num62,12M -p
  INDEX,TPCC.SP$sp_num62,32K \
  -w $WK123_D \
  -u $WK124_D \
  -f 10 &
endif
if ( $dsi_num_os63 <= 1800 ) then
  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os63_ DSI \
  -p
  BASE,TPCC.SP$sp_num63,12M -p
  INDEX,TPCC.SP$sp_num63,32K \
  -w $WK125_D \
  -u $WK126_D \
  -f 10 &
endif
if ( $dsi_num_os64 <= 1800 ) then

```

```

  timex rdbgcgsi -E -i
  $RDBDB.ORDERS_IX_ $dsi_num_os64_ DSI \
  -p
  BASE,TPCC.SP$sp_num64,12M -p
  INDEX,TPCC.SP$sp_num64,32K \
  -w $WK127_D \
  -u $WK128_D \
  -f 10 &
endif
  wait
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os1_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os1_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os2_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os2_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os3_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os3_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os4_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os4_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os5_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os5_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os6_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os6_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os7_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os7_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os8_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os8_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os9_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os9_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os10_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os10_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os11_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os11_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os12_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os12_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os13_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os13_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_ $dsi_num_os14_ DSI
  rdbrls -r rw -i
  $RDBDB.ORDERS_IX_ $dsi_num_os14_ DSI

```



```

===== sh.rdbups =====

#!/bin/ksh

echo `date` Executing $0
set -v

rdbups -i TPCC.WAREHOUSE_1_DSI
rdbups -i TPCC.DISTRICT_1_DSI
rdbups -i TPCC.ITEM_1_DSI

rdbups -i TPCC.CUSTOMER_1_DSI
rdbups -i TPCC.CUSTOMER_X_1DSI

rdbups -i TPCC.ORDERS_1_DSI
rdbups -i TPCC.ORDERS_IX_1_DSI
rdbups -i TPCC.NEWORDER_1_DSI
rdbups -i TPCC.NEWORDER_X_1DSI
rdbups -i TPCC.HISTORY_1_DSI

rdbups -i TPCC.ORDERLIN_1_DSI

rdbups -i TPCC.STOCK_1_DSI

#wait
exit 0

===== sh.stored.int =====

:
rdbddlex -d TPCC -x
Y_DELIVERY.PS.ARRAY2.int_WID
rdbddlex -d TPCC -x
Y_ODERSTAT.PS.ARRAY2.int_WID
rdbddlex -d TPCC -x Y_NORDER6.int_WID
rdbddlex -d TPCC -x
Y_PAYMENT_cent.h10.out.4.int_WID

===== wttppcd1_V.c.int_WID =====

/*
 * File Name : wttppcd.ec
 * Function Name : main()
 * : item()
 * : warehouse()
 * : stock()
 * : district()
 * : customer()
 * : history()
 * : orders()
 * : new_order()
 * : make_address()
 * : lastname()
 * : make_alpha_string()
 * : make_number_string()
 * : random_number()
 * : set_seed()
 * : nurand()
 * : init_permutation()

```

```

 * Description : DB tpcc , item,
 * warehouse, stock,
 * district, customer, history,
orders, order_line,
 * new_order
 * (char )
 * Author :
 * Reviewer :
 *
 * COPYRIGHT FUJITSU Limited 1995
 *
 * 95-03-13
 * ( : %20s
==> %-s)
 *
 * sprintf & fwrite fprintf
( )
 * - ORDERS ORDER_LINE
NULL
 *
 * 95-05-16
 * - 10warehouse
 *
 * 96-04-18
 * - W-TAX, D-TAX, C-
DISCOUNT, I-PRICE, OL-AMOUNT, H-AMOUNT
 * (DECIMAL ->
SMALLINT or INTEGER)
 * - C-SINCE, OL-DELIVERY-D,
O-ENTRY-D
 * (DECIMAL ->
CHAR)
 *
 * 96-09-06
 * - file
 *
 * 1.option table
(3 parameter)
 * (0..all, 1..IT/ST/HI/CU,
2..WH/DI/OL/OS/NO)
 *
 * 2.file
 *
 * (/rdb/loaddata/[table ]/[warehouse _ ]
 * ex.:
/rdb/loaddata/Customer/10_15 .. Customer Wh10-
15)
 * - Text Binary . DECIMAL
 *
 * <decimal(a,b) format>
 * decimal(10,2)
aa|aa|aa|aa|ab|bs (6byte=a/2+1)
 *
 * a=decimal
(b )
 *
 * b= (s
8bit )
 *
 * s= .(+) "c", (-)
"d"
 *
 * ex.) +12345678.23
= '(0x) 01|23|45|67|82|3c
 *
 * program FUNC.
 *
 * "record "
 *
 * )
 *
 * ex.) w_ytd = -
123.45;
 *
 * :
 *
 * :
 *
 * :
 *
 * ("record
" )

```

```

 *
 * w_ytd_1 =
0x00;
 *
 * w_ytd_2 =
0x00;
 *
 * w_ytd_3 =
0x00;
 *
 * w_ytd_4 =
0x00;
 *
 * w_ytd_5 =
0x12;
 *
 * w_ytd_6 =
0x34;
 *
 * w_ytd_7 =
0x5d;
 *
 *
 * 96-11-27
 * - ol_i_id (?)
 *
 * ol_i_id 1 10 n
 * ( : n=2;
2,4,6,...99998,100000)
 *
 * n setenv
TPCRANDBY n
 *
 * n < TPCRANDBY < 10
or undefined == 1
 *
 * 97-02-18
 * - C_ID, H_C_ID, O_C_ID
 * (SMALLINT ->
INTEGER)
 *
 * - I_IM_ID
 *
 *
 * 97-02-18
 * - fprintf -> sprintf + fwrite
 *
 *
 * (item,stock,customer,history,orders,orderline )
 *
 * - random_number mac
 *
 * - make_alpha_string
make_number_string
 *
 * rund .( )
 *
 *
 * make_alpha_string
 *
 * (ORACLE , HP )
 *
 * - get_permutation ,o_c_id
 *
 * - TAB ID 221(c_last NURand
C)
 *
 * Issue : C Value For NURand
 *
 * Specification : TPC-C,Clause 2.1.6
 *
 * c_last NURand C
 *
 * C-Load : DB C
 *
 * C-Run : (tran) C
 *
 * C-Delta : | C-Load - C-Run |
 *
 * C [0,255]
 *
 * C-Delta [65,119] ,96,112
 *
 * C-Run , 111
 *
 * Online : tranmain Const
 *
 * Online : pptppcc2(shell) u14i
 *
 * nurand()
 *
 * 97-02-24
 *
 * - fopen + fwrite -> open + write
 *
 *
 * (item,stock,customer,history,orders,orderline )
 *
 * 97-02-25
 *
 * - CUSTOMER,HISTORY
 *
 * 97-02-27
 *
 * - sprintf (typedef struct)
 *
 * - c_phone[16] -> c_phone[17]
 *
 * 97-03-05
 *
 * - c_payment_cnt = 1 -> 0
 *
 * 97-03-11

```

```

*
make_alpha_string
* (ORACLE )
* 98-11-06
* 100
* w_ytd, d_ytd, c_credit_lim,
c_balance, c_ytd_payment
*
* 00-07-24
* CU 2k CUSTOMER
C_DATA V-CHAR
*
* 01-01-09
* WAREHOUSE W_ID
(SMALLINT->INTEGER)
*
* 01-01-10
* fix (INTEGER write )
*/

#include <stdio.h>
#include <string.h>
#include <sys/types.h> /* 1994.12.28 add
kawabata */
#include <sys/stat.h> /* 1995.02.24 add
arakawa */
#include <fcntl.h> /* 1995.02.24 add
arakawa */
#include <time.h>
#include <stdlib.h> /* 1996.11.27
added K.Fukui for "getenv()" */
#include <unistd.h> /* 1997.02.24 write
*/

/*#define DBNAME "tpcc"*/ /*
DB */
#define MAXITEMS 100000 /*
*/
#define MAXSTOCK 100000 /*
STOCK */
#define DIST_PER_WARE 10 /*
*/
#define CUST_PER_DIST 3000 /*
*/
#define ORD_PER_DIST 3000 /*
*/
#define NEWWORDS 900 /*
*/
#define CLS_CNT 10000
/*
*/

#define CMT_CNT 3

#define T256 16777216
#define D256 65536
#define NNUL_V 0x00
#define NUL_V 0xFF

/* 1997-02-27 sprintf (typedef struct) */
typedef struct
{
char i_id_1,i_id_2,i_id_3,i_id_4;
char i_im_id_1, i_im_id_2, i_im_id_3,
i_im_id_4;
char i_name[24];
char i_price_1, i_price_2;
char i_data[50];
} item_str;

```

```

typedef struct
{
char d_id_1,d_id_2;
/* 2001-01-09 W_ID */
char
d_w_id_1,d_w_id_2,d_w_id_3,d_w_id_4;
/* 2001-01-09 W_ID */
char d_name[10];
char d_street_1[20];
char d_street_2[20];
char d_city[20];
char d_state[2];
char d_zip[9];
char d_tax_1, d_tax_2;
char d_ytd_1, d_ytd_2, d_ytd_3, d_ytd_4,
d_ytd_5, d_ytd_6, d_ytd_7;
char d_next_o_id_1, d_next_o_id_2,
d_next_o_id_3, d_next_o_id_4;
} district_str;

typedef struct
{
/* 2001-01-09 W_ID */
char w_id_1, w_id_2, w_id_3, w_id_4;
/* 2001-01-09 W_ID */
char w_name[10];
char w_street_1[20];
char w_street_2[20];
char w_city[20];
char w_state[2];
char w_zip[9];
char w_tax_1, w_tax_2;
char w_ytd_1, w_ytd_2, w_ytd_3, w_ytd_4,
w_ytd_5, w_ytd_6, w_ytd_7;
} warehouse_str;

typedef struct
{
char s_i_id_1, s_i_id_2, s_i_id_3, s_i_id_4;
/* 2001-01-09 W_ID */
char s_w_id_1, s_w_id_2, s_w_id_3,
s_w_id_4;
/* 2001-01-09 W_ID */
char s_quantity_1, s_quantity_2;
char s_dist_01[24];
char s_dist_02[24];
char s_dist_03[24];
char s_dist_04[24];
char s_dist_05[24];
char s_dist_06[24];
char s_dist_07[24];
char s_dist_08[24];
char s_dist_09[24];
char s_dist_10[24];
char s_ytd_1, s_ytd_2, s_ytd_3, s_ytd_4;
char s_order_cnt_1, s_order_cnt_2;
char s_remote_cnt_1, s_remote_cnt_2;
char s_data[50];
} stock_str;

typedef struct
{
char c_id_1, c_id_2, c_id_3, c_id_4;
char c_d_id_1, c_d_id_2;
/* 2001-01-09 W_ID */
char c_w_id_1, c_w_id_2, c_w_id_3,
c_w_id_4;
/* 2001-01-09 W_ID */

```

```

char c_first[16];
char c_middle[2];
char c_last[16];
char c_street_1[20];
char c_street_2[20];
char c_city[20];
char c_state[2];
char c_zip[9];
char c_phone[16];
char c_since[14];
char c_credit[2];
char c_credit_lim_1, c_credit_lim_2,
c_credit_lim_3, c_credit_lim_4;
char c_credit_lim_5, c_credit_lim_6,
c_credit_lim_7;
char c_discount_1, c_discount_2;
char c_balance_1, c_balance_2,
c_balance_3, c_balance_4;
char c_balance_5, c_balance_6,
c_balance_7;
char c_ytd_payment_1, c_ytd_payment_2,
c_ytd_payment_3, c_ytd_payment_4;
char c_ytd_payment_5, c_ytd_payment_6,
c_ytd_payment_7;
char c_payment_cnt_1, c_payment_cnt_2;
char c_delivery_cnt_1, c_delivery_cnt_2;
/* char c_data[500]; */
char c_data[502];
} customer_str;

typedef struct
{
char h_c_id_1, h_c_id_2, h_c_id_3,
h_c_id_4;
char h_c_d_id_1, h_c_d_id_2;
/* 2001-01-09 W_ID */
char h_c_w_id_1, h_c_w_id_2,
h_c_w_id_3, h_c_w_id_4;
/* 2001-01-09 W_ID */
char h_d_id_1, h_d_id_2;
/* 2001-01-09 W_ID */
char h_w_id_1, h_w_id_2, h_w_id_3,
h_w_id_4;
/* 2001-01-09 W_ID */
char h_date[14];
char h_amount_1, h_amount_2,
h_amount_3, h_amount_4;
char h_data[24];
} history_str;

typedef struct
{
char o_id_v1, o_id_v2;
char o_id_1, o_id_2, o_id_3, o_id_4;
char o_d_id_v1, o_d_id_v2;
char o_d_id_1, o_d_id_2;
char o_w_id_v1, o_w_id_v2;
/* 2001-01-09 W_ID */
char o_w_id_1, o_w_id_2, o_w_id_3,
o_w_id_4;
/* 2001-01-09 W_ID */
char o_c_id_v1, o_c_id_v2;
char o_c_id_1, o_c_id_2, o_c_id_3,
o_c_id_4;
char o_entry_d_v1, o_entry_d_v2;
char o_entry_d[14];
char o_carrier_id_v1, o_carrier_id_v2;
char o_carrier_id_1, o_carrier_id_2;
char o_ol_cnt_v1, o_ol_cnt_v2;

```

```

    char o_ol_cnt_1, o_ol_cnt_2;
    char o_all_local_v1, o_all_local_v2;
    char o_all_local_1, o_all_local_2;
} orders_str;

typedef struct
{
    char ol_o_id_v1, ol_o_id_v2;
    char ol_o_id_1, ol_o_id_2, ol_o_id_3,
ol_o_id_4;
    char ol_d_id_v1, ol_d_id_v2;
    char ol_d_id_1, ol_d_id_2;
    char ol_w_id_v1, ol_w_id_v2;
/* 2001-01-09 W_ID */
    char ol_w_id_1, ol_w_id_2, ol_w_id_3,
ol_w_id_4;
/* 2001-01-09 W_ID */
    char ol_number_v1, ol_number_v2;
    char ol_number_1, ol_number_2;
    char ol_i_id_v1, ol_i_id_v2;
    char ol_i_id_1, ol_i_id_2, ol_i_id_3,
ol_i_id_4;
    char ol_supply_w_id_v1, ol_supply_w_id_v2;
/* 2001-01-09 W_ID */
    char ol_supply_w_id_1, ol_supply_w_id_2,
ol_supply_w_id_3, ol_supply_w_id_4;
/* 2001-01-09 W_ID */
    char ol_delivery_d_v1, ol_delivery_d_v2;
    char ol_delivery_d[14];
    char ol_quantity_v1, ol_quantity_v2;
    char ol_quantity_1, ol_quantity_2;
    char ol_amount_v1, ol_amount_v2;
    char ol_amount_1, ol_amount_2,
ol_amount_3, ol_amount_4;
    char ol_dist_info_v1, ol_dist_info_v2;
    char ol_dist_info[24];
} orderline_str;

typedef struct
{
    char no_o_id_1, no_o_id_2, no_o_id_3,
no_o_id_4;
    char no_d_id_1, no_d_id_2;
/* 2001-01-09 W_ID */
    char no_w_id_1, no_w_id_2, no_w_id_3,
no_w_id_4;
/* 2001-01-09 W_ID */
} neworder_str;

int len_i;
int len_V;
/* 1997-02-18 TAB ID 221(c_last NURand C)
*/
#define C_DELTA 87 /* | C_LOAD -
C_RAN | */
#define C_RUN 111 /* TRAN
NURand C */
#define C_LOAD (C_DELTA+C_RUN) /*
DB LOAD NURand C */

/* 1997-02-18 fprintf -> sprintf + fwrite
*/
#define ITEM_SIZE sizeof(item_str)
/* ITEM (84)*/
#define DISTRICT_SIZE sizeof(district_str)
/* DISTRICT (98)*/
#define WAREHOUSE_SIZE
sizeof(warehouse_str) /* WAREHOUSE
(92)*/

#define STOCK_SIZE sizeof(stock_str)
/* STOCK (306)*/
#define CUSTOMER_SIZE
sizeof(customer_str) /* CUSTOMER
(672)*/
#define HISTORY_SIZE sizeof(history_str)
/* HISTORY (54)*/
#define ORDERS_SIZE sizeof(orders_str) /*
ORDERS (32+16)*/
#define ORDERLINE_SIZE sizeof(orderline_str)
/* ORDERLINE (60+20)*/
#define NEWORDER_SIZE
sizeof(neworder_str) /* HISTORY
(8)*/

#define ITEM_COUNT 1024 /* ITEM
*/
#define STOCK_COUNT 1024 /*
STOCK */
#define CUSTOMER_COUNT 512 /*
CUSTOMER */
#define HISTORY_COUNT 1024 /*
HISTORY */
#define ORDERS_COUNT 1024 /*
ORDERS */
#define ORDERLINE_COUNT 2048 /*
ORDERLINE */

/* */
/* */
char yyyymmddhhmss[15];

/* ..._1 ..._7 96-09-06
*/
/* (INTEGER:_1 _4 / SMALLINT:_1 _2 /
DECIMAL:_1 _7) */

int i_id;
int i_id_1, i_id_2, i_id_3, i_id_4;
int i_im_id;
/* 97-02-18 */
int i_im_id_1, i_im_id_2, i_im_id_3,
i_im_id_4; /* 97-02-18 */
char i_name[25];
int i_price;
int i_price_1, i_price_2;
char i_data[51];
/* 2001-01-09 W_ID */
int w_id;
int w_id_1, w_id_2, w_id_3, w_id_4;
/* 2001-01-09 W_ID */
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
int w_tax;
int w_tax_1, w_tax_2;
float w_ytd;
int w_ytd_1, w_ytd_2, w_ytd_3, w_ytd_4,
w_ytd_5, w_ytd_6, w_ytd_7;

int s_i_id;
int s_i_id_1, s_i_id_2, s_i_id_3, s_i_id_4;
/* 2001-01-09 W_ID */
int s_w_id;
int s_w_id_1, s_w_id_2, s_w_id_3,
s_w_id_4;

/* 2001-01-09 W_ID */
int s_quantity;
int s_quantity_1, s_quantity_2;
char s_dist_01[25];
char s_dist_02[25];
char s_dist_03[25];
char s_dist_04[25];
char s_dist_05[25];
char s_dist_06[25];
char s_dist_07[25];
char s_dist_08[25];
char s_dist_09[25];
char s_dist_10[25];
int s_ytd;
int s_ytd_1, s_ytd_2, s_ytd_3, s_ytd_4;
int s_order_cnt;
int s_order_cnt_1, s_order_cnt_2;
int s_remote_cnt;
int s_remote_cnt_1, s_remote_cnt_2;
char s_data[51];

short d_id;
int d_id_1, d_id_2;
/* 2001-01-09 W_ID */
int d_w_id;
int d_w_id_1, d_w_id_2,
d_w_id_3, d_w_id_4;
/* 2001-01-09 W_ID */
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
int d_tax;
int d_tax_1, d_tax_2;
char work[10];
float d_ytd;
int d_ytd_1, d_ytd_2, d_ytd_3, d_ytd_4,
d_ytd_5, d_ytd_6, d_ytd_7;
int d_next_o_id;
int d_next_o_id_1, d_next_o_id_2,
d_next_o_id_3, d_next_o_id_4;

int c_id;
/* 97-02-18 short -> int */
int c_id_1, c_id_2, c_id_3, c_id_4; /*
97-02-18 3 4 */
short c_d_id;
int c_d_id_1, c_d_id_2;
/* 2001-01-09 W_ID */
int c_w_id;
int c_w_id_1, c_w_id_2, c_w_id_3,
c_w_id_4;
/* 2001-01-09 W_ID */
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17]; /* 1997.02.27 */
char c_since[15];
char c_credit[3];
float c_credit_lim;
int c_credit_lim_1, c_credit_lim_2,
c_credit_lim_3, c_credit_lim_4;

```

```

int      c_credit_lim_5, c_credit_lim_6,
c_credit_lim_7;
int      c_discount;
int      c_discount_1, c_discount_2;
float    c_balance;
int      c_balance_1, c_balance_2,
c_balance_3, c_balance_4;
int      c_balance_5, c_balance_6,
c_balance_7;
float    c_ytd_payment;
int      c_ytd_payment_1, c_ytd_payment_2,
c_ytd_payment_3, c_ytd_payment_4;
int      c_ytd_payment_5, c_ytd_payment_6,
c_ytd_payment_7;
int      c_payment_cnt;
int      c_payment_cnt_1, c_payment_cnt_2;
int      c_delivery_cnt;
int      c_delivery_cnt_1, c_delivery_cnt_2;
char     c_data[501];

/* 2001-01-09 W_ID */
int      h_c_id;
int      h_c_id_1, h_c_id_2, h_c_id_3,
h_c_id_4;
/* 2001-01-09 W_ID */
short    h_c_d_id;
int      h_c_d_id_1, h_c_d_id_2;
/* 2001-01-09 W_ID */
int      h_c_w_id;
int      h_c_w_id_1, h_c_w_id_2,
h_c_w_id_3, h_c_w_id_4;
/* 2001-01-09 W_ID */
short    h_d_id;
int      h_d_id_1, h_d_id_2;
short    h_w_id;
int      h_w_id_1, h_w_id_2;
char     h_date[15];
int      h_amount;
int      h_amount_1, h_amount_2,
h_amount_3, h_amount_4;
char     h_data[25];

int      o_id;
int      o_id_1, o_id_2, o_id_3, o_id_4;

short    o_d_id;
int      o_d_id_1, o_d_id_2;
/* 2001-01-09 W_ID */
int      o_w_id;
int      o_w_id_1, o_w_id_2, o_w_id_3,
o_w_id_4;
/* 2001-01-09 W_ID */
int      o_c_id;
/* 97-02-18 short -> int */
int      o_c_id_1, o_c_id_2, o_c_id_3,
o_c_id_4; /* 97-02-18 3 4 */
char     o_entry_d[15];
short    o_carrier_id;
int      o_carrier_id_1, o_carrier_id_2;
short    o_ol_cnt;
int      o_ol_cnt_1, o_ol_cnt_2;
short    o_all_local;
int      o_all_local_1, o_all_local_2;

int      ol_o_id;
int      ol_o_id_1, ol_o_id_2, ol_o_id_3,
ol_o_id_4;
short    ol_d_id;
int      ol_d_id_1, ol_d_id_2;

/* 2001-01-09 W_ID */
int      ol_w_id;
int      ol_w_id_1, ol_w_id_2, ol_w_id_3,
ol_w_id_4;
/* 2001-01-09 W_ID */
short    ol_number;
int      ol_number_1, ol_number_2;
int      ol_i_id;
int      ol_i_id_1, ol_i_id_2, ol_i_id_3,
ol_i_id_4;
/* 2001-01-09 W_ID */
int      ol_supply_w_id;
int      ol_supply_w_id_1, ol_supply_w_id_2,
ol_supply_w_id_3, ol_supply_w_id_4;
/* 2001-01-09 W_ID */
char     ol_delivery_d[15];
int      ol_quantity;
int      ol_quantity_1, ol_quantity_2;
int      ol_amount;
int      ol_amount_1, ol_amount_2,
ol_amount_3, ol_amount_4;
char     ol_dist_info[25];

int      no_o_id;
int      no_o_id_1, no_o_id_2, no_o_id_3,
no_o_id_4;
short    no_d_id;
int      no_d_id_1, no_d_id_2;
/* 2001-01-09 W_ID */
int      no_w_id;
int      no_w_id_1, no_w_id_2, no_w_id_3,
no_w_id_4;
/* 2001-01-09 W_ID */
/*short    c; */ /* NURand */
short    ocid[CUST_PER_DIST]; /* o_c_id */
short    counter; /* o_c_id */

/* :961127:K.Fukui: L_ID (main) */
char     *EnvGetL_ID;
int      L_ID_Rand_by;
/* :961127:K.Fukui: (above is all) */

void     item();
void     warehouse();
void     stock();
void     district();
void     customer();
void     history(); /* 1997.02.25 */
void     orders();
void     make_address();
void     lastname();
int      make_alpha_string();
int      make_alpha_string_V();
int      make_number_string();
#ifdef call_rand
int      random_number();
#else
#define random_number(x,y)
((int)(rand480%(y-x+1)) + x)
#endif
void     set_seed();
int      nurand();
void     init_permutation();
/*int     get_permutation();*/

/* */

FILE     *fst1;
FILE     *fst2;
FILE     *fst3;
FILE     *fst4;
FILE     *fst5;
FILE     *fst6;
FILE     *fst7;
FILE     *fst8;
FILE     *fst9;
int      wst;
int      op_item ; /* 1997.02.24 open+write */
int      op_stock ; /* 1997.02.24 open+write */
int      op_customer ; /* 1997.02.24
open+write */
int      op_history ; /* 1997.02.24 open+write */
int      op_orders ; /* 1997.02.24
open+write */
int      op_orderline ; /* 1997.02.24
open+write */

char     fileout[100]; /* */
char     filedum[100];

/*
 * Function : main()
 * Description : DB , item,
warehouse
 * Parameters : 1. argc,
2. argv,
 * Grobals Ref: nothing
 * Grobals Out : 1. yyyyymmddhhmmss,
 * Returns : 0
 */

int
main(argc, argv)
int      argc;
char     **argv;
{
    time_t      tod; /* */
    struct tm   *stm; /* */
    int         count_ware;
    int         last_ware;
    int         base_ware;
    int         make_type;
    int         mk_loop;
    char        sw_buf[1];

    /*
     * if (argc < 5) {
     *     printf("usage: wtpcc [output_dir] "
     * "[start_warehouse] "
     * "[end_warehouse] "
     * "[maketype].\n\n");
     *     printf(" [maketype] make data seeds
     * for rdbloader "
     * "(multiple designation available)\n");
     *     printf(" I:Item, D:District,
     * W:Warehouse, S:Stock,\n");
     *     printf(" C:Customer, H:History,"
     * " O:Orders/OrderLine/NewOrder\n");
     */
}

```

```

        exit(1);
    }

    /*          */
    strcpy( fileout, argv[1] );
    base_ware = atoi(argv[2]);
    last_ware = atoi(argv[3]);
    /* make_type = atoi(argv[3]); */
    count_ware = last_ware - base_ware;
    /*if (count_ware <= 0) { 1997.02.21 */
    if (count_ware < 0) {
        printf("%s: invalid warehouse
count\n", argv[0]);
        exit(1);
    }

    /* system("date"); */
    /* printf("%s start\n", argv[0]); */
    printf("wtpcc: : (%d-%dWH)
", base_ware, last_ware);
    for( mk_loop = 4; mk_loop <= argc-1;
mk_loop++){

        strcpy(sw_buf, argv[mk_loop]);

        switch( sw_buf[0]){
            case 'I': printf("Item(%3d),
", ITEM_SIZE);
                break;
            case 'W':
                printf("Warehouse(%3d),
", WAREHOUSE_SIZE);
                break;
            case 'S': printf("Stock(%3d),
", STOCK_SIZE);
                break;
            case 'D': printf("District(%3d),
", DISTRICT_SIZE);
                break;
            case 'C':
                printf("Customer(%3d),
", CUSTOMER_SIZE);
                break;
            case 'H': printf("History(%3d),
", HISTORY_SIZE);
                break;
            case 'O': printf("Orders(%3d),
N.Order(%3d), O.Line(%3d), ",
ORDERS_SIZE, NEWORDER
_SIZE, ORDERLINE_SIZE);
                break;
        }
        printf("to %s\n", fileout);

    /* :961127:K.Fukui: ITEM_ID ( ? )( 1
10 n
        I_ID
        )

        "TPCRANDBY" integer n
(100000/n NURand
        *n )
        ( 1 < TPCRANDBY < MAXITEMS
"1" ) */

    EnvGetI_ID = getenv( "TPCRANDBY" );

```

```

if( EnvGetI_ID == NULL){
    I_ID_Rand_by = 1;
    printf("wtpcc: : "
"TPCRANDBY:          OL_I_ID
\n");
} else {
    I_ID_Rand_by = atoi( EnvGetI_ID );
    printf("wtpcc: : "
"TPCRANDBY: %d          OL_I_ID
\n", I_ID_Rand_by);

    if( ( I_ID_Rand_by < 1 ) ||
( I_ID_Rand_by > MAXITEMS )){
        I_ID_Rand_by = 1;
        printf("wtpcc: : "
"TPCRANDBY:          (1 %d)."
"          OL_I_ID          \n",
MAXITEMS);
    }
}

/* :961127:K.Fukui: (above is all) */

/*          */
set_seed(time(0));

/* 1997-02-18 TAB ID 221(c_last NURand C)
*/
/* NURand          */
/* c = random_number(0, 255); */
printf("wtpcc: : TAB ID 221 C-Delta
= %d \n", C_DELTA );
printf("          C-Load NURAND C = %d
\n", C_LOAD );
printf("          C-Run NURAND C = %d
\n", C_RUN );

/*          */
time(&tod);
stm = localtime(&tod);
sprintf(yyymmddhhmmss, "%04d%02d%02
d%02d%02d%02d",
stm->tm_year+1900, stm-
>tm_mon+1, stm->tm_mday,
stm->tm_hour, stm-
>tm_min, stm->tm_sec);

for( mk_loop = 4; mk_loop <= argc-1;
mk_loop++){

    strcpy(sw_buf, argv[mk_loop]);

    switch( sw_buf[0]){
        case 'I':
            if ( base_ware == 1 )
                {
                    fprintf(stderr, "wtpcc: : ITEM
\n");
                    /* item          */
                    item0;
                    fprintf(stderr, "wtpcc: : ITEM
\n");
                }

```

```

else
{
    printf("wtpcc: : "
"          warehouse '1'          , "
"ITEM          \n");
}

        break;

        case 'W':
            fprintf(stderr, "wtpcc: : "
"WAREHOUSE (%d %dwh)
\n",
            base_ware, last_ware);
            /* warehouse          */
            warehouse(base_ware, last_ware);
            fprintf(stderr, "wtpcc: : "
"WAREHOUSE (%d %dwh)
\n",
            base_ware, last_ware);
            break;

        case 'S':
            fprintf(stderr, "wtpcc: : "
"STOCK (%d %dwh)          \n",
            base_ware, last_ware);
            /* stock          */
            stock(base_ware, last_ware);
            fprintf(stderr, "wtpcc: : "
"STOCK (%d %dwh)          \n",
            base_ware, last_ware);
            break;

        case 'D':
            fprintf(stderr, "wtpcc: : "
"DISTRICT (%d %dwh)
\n",
            base_ware, last_ware);
            /* district          */
            district(base_ware, last_ware);
            fprintf(stderr, "wtpcc: : "
"DISTRICT (%d %dwh)
\n",
            base_ware, last_ware);
            break;

        case 'C':
            fprintf(stderr, "wtpcc: : "
"CUSTOMER (%d %dwh)
\n",
            base_ware, last_ware);
            /* customer          */
            customer(base_ware, last_ware);
            fprintf(stderr, "wtpcc: : "
"CUSTOMER (%d %dwh)
\n",
            base_ware, last_ware);
            break;

        case 'H':
            fprintf(stderr, "wtpcc: : "
"HISTORY (%d %dwh)
\n",
            base_ware, last_ware);
            /* history          */

```

```

history(base_ware,last_ware);
    fprintf(stderr,"wtppcc:  ":"
    "HISTORY (%d %dwh)
\n",
    base_ware, last_ware);
    break;

    case 'O':
        fprintf(stderr,"wtppcc:  ":"
        "ORDERS/O.LINE/N.ORDER
        (%d %dwh)
        \n",
        base_ware, last_ware);
        /* orders */

orders(base_ware,last_ware);
    fprintf(stderr,"wtppcc:  ":"
    "ORDERS/O.LINE/N.ORDER
    (%d %dwh)
    \n",
    base_ware, last_ware);
}

/* system("date"); */

/* */
return(0);
}

/*
 * Function : item()
 * Description : item
 * Parameters : nothing
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : nothing
 */

void
item()
{
    short idatasiz;
    short orig[MAXITEMS];
    int pos;
    int cnt;
    long d_100 = 100.0;
    /* 1997-02-18 fprintf -> sprintf + fwrite */
    int item_lpcnt ; /*
    */
    char *item_ap ; /*
    */
    item_str *item_cp ; /*
    */

    /* */
    printf( filedum, "%s\data", fileout);

    /*if ((fst1 = fopen( filedum ,
"w"))==NULL){ 1997.02.24 */
    if ((op_item = open( filedum ,
O_WRONLY|O_CREAT|O_TRUNC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH ))==NULL){
        printf("wtppcc:  :%s: \n",
filedum);
        exit(1);
    }

    /* 1997-02-18 fprintf -> sprintf + fwrite */

```

```

/* ITEM */
item_ap = (char
*)malloc((size_t)ITEM_SIZE*ITEM_COUNT);
if (item_ap == NULL) /*
*/
{
    /* */
    printf("Malloc failed.(item)\n") ; /*
*/
    exit(1) ; /* */
} /* */
item_cp = (item_str *)item_ap ; /*
*/
item_lpcnt = 0 ; /*
*/

/* orig MAXITEMS , i_data
"ORIGINAL"
10 */
memset(orig, 0, sizeof(orig));
for (cnt = 0; cnt < (MAXITEMS / 10); cnt++) {
    do {
        pos = random_number(1,
MAXITEMS);
    } while (orig[pos - 1]);
    orig[pos - 1] = 1;
}

/* i_id 1-MAXITEMS , MAXITEMS
*/
/* item */
for (i_id = 1; i_id <= MAXITEMS; i_id++) {
    /* i_name */
    make_alpha_string(14, 24, i_name);

    /* i_data , 10% ORIGINAL
*/
    idatasiz = make_alpha_string(26, 50,
i_data);
    if (orig[i_id - 1]) {
        pos = random_number(0,
idatasiz - 8);
        strncpy(&i_data[pos],
"ORIGINAL", 8);
    }

    /* record : : 1997-02-27 */
    memset(item_cp->i_name, '', 24) ;
    len_i = strlen(i_name) ;
    strncpy(item_cp->i_name,i_name,len_i) ;
    memset(item_cp->i_data, '', 50) ;
    len_i = strlen(i_data) ;
    strncpy(item_cp->i_data,i_data,len_i) ;

    /* record : : 96/09/06 */
    item_cp->i_id_1 = i_id / T256;
    item_cp->i_id_2 = (i_id - (i_id_1 *
T256)) / D256;
    item_cp->i_id_3 = (i_id - (i_id_1 *
T256)
- (i_id_2 * D256)) / 256 ;
    item_cp->i_id_4 = i_id % T256 ;

    /* i_im_id : 97-02-18 start */
    i_im_id = random_number(1, 10000);
    item_cp->i_im_id_1 = i_im_id / T256;
    item_cp->i_im_id_2 = (i_im_id -
(i_im_id_1 * T256)) / D256;

```

```

    item_cp->i_im_id_3 = (i_im_id -
(i_im_id_1 * T256)
- (i_im_id_2 * D256)) /
256;
    item_cp->i_im_id_4 = i_im_id %
T256;
    /* i_im_id : 97-02-18 end */

    /* i_price */
    /* i_price /= d_100; */
    i_price = random_number(100,
10000);
    item_cp->i_price_1 = i_price / 256 ;
    item_cp->i_price_2 = i_price % 256 ;

    item_cp = item_cp + 1 ;
    item_lpcnt = item_lpcnt + 1 ;

    if ( item_lpcnt == ITEM_COUNT )
    {
        write(op_item,
        item_ap,
        (size_t)ITEM_SIZE *
(size_t)ITEM_COUNT ) ;
        item_cp = (item_str *)item_ap ;
        item_lpcnt = 0 ;
    }
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
if ( item_lpcnt != 0 )
{
    write(op_item,
    item_ap,
    (size_t)ITEM_SIZE *
(size_t)item_lpcnt ) ;
}

/* */
close(op_item);

/* */
free(item_ap) ;

/* */
return;
}

/*
 * Function : warehouse()
 * Description : warehouse
 * Parameters : 1. base_ware,
 * Parameters : 2. last_ware,
 * Grobals Ref: nothing
 * Returns : nothing
 */

void
warehouse(base_ware,last_ware)
int base_ware;
int last_ware;
{

/* */
int filecount = 1;
int outfilecount;
char filename[64];

long d_10000 = 10000.0;

```



```

/* w_ytd = 300000.00; record
*/
w_ytd = 30000000; /* 98-11-06 */
outfilecount = ((base_ware-1)/10) + 1;

/* */
sprintf(filename, "%s/WH%d_%d", fileout,
base_ware, last_ware);
if ((fst2 = fopen(filename, "w"))==NULL){
printf("wtpcc: : %s:
\n", filename);
exit(1);
}

/* w_id , count_ware */
/* warehouse */
for (w_id = base_ware; w_id <= last_ware;
w_id++) {

/* w_name */
make_alpha_string(6, 10, w_name);

/* */
make_address(w_street_1,
w_street_2, w_city, w_state, w_zip);

/* w_tax /= d_10000;*/
w_tax = random_number(0, 2000);

/* record : : 96/09/06 fukui */

/* 2001-01-09 W_ID */
w_id_1 = w_id / T256;
w_id_2 = (w_id-(w_id_1*T256))/D256;
w_id_3 = (w_id-(w_id_1*T256)-
(w_id_2*D256))/256;
w_id_4 = w_id % T256;
/* 2001-01-09 W_ID */

w_tax_1 = w_tax / 256;
w_tax_2 = w_tax % 256;
w_ytd_1 = 0x00; /* w_ytd:
+300000.00 */
w_ytd_2 = 0x00;
w_ytd_3 = 0x03;
w_ytd_4 = 0x00;
w_ytd_5 = 0x00;
w_ytd_6 = 0x00;
w_ytd_7 = 0x0c;

/* 2001-01-09 W_ID */
fprintf(fst2 ,
"%c%c%c%c"
"%-10s"
"%-20s"
"%-20s"
"%-20s"
"%-2s"
"%-9s"
"%c%c"
"%c%c%c%c%c%c%c%c",
w_id_1,w_id_2,w_id_3,w_id_4,
w_name,
w_street_1,w_street_2,
w_city,
w_state,
w_zip,
w_tax_1,w_tax_2,

w_ytd_1,w_ytd_2,w_ytd_3,w_ytd_4,
w_ytd_5,w_ytd_6,w_ytd_7);
/* 2001-01-09 W_ID */
filecount++;
}

/* */
fclose(fst2);

/* */
return;
}

/*
* Function : stock()
* Description : stock
* Parameters : 1. base_ware,
* Parameters : 2. last_ware,
* Globals Ref: nothing
* Globals Out : nothing
* Returns : nothing
*/

void
stock(base_ware,last_ware)
int base_ware;
int last_ware;
{
/* */
short sdatasiz;
short orig[MAXITEMS];
int pos;
int cnt;
int outfilecount = 1;
int outfilecount;
char filename[64];
/* 1997-02-18 fprintf -> sprintf + fwrite */
int stock_lpcnt ;/*
*/
char *stock_ap ;/*
*/
stock_str *stock_cp ;/*
*/

s_ytd = 0;
s_order_cnt = 0;
s_remote_cnt = 0;
outfilecount = ((base_ware-1)/10) + 1;

/* */
sprintf(filename, "%s/ST%d_%d", fileout,
base_ware, last_ware);
/*if ((fst3 = fopen(filename,
"w"))==NULL){ 1997.02.24 */
if ((op_stock = open( filename,
O_WRONLY|O_CREAT|O_TRUNC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH ))==NULL){
printf("wtpcc: : %s: \n",
filename);
exit(1);
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
/* STOCK */

stock_ap = (char
*)malloc((size_t)STOCK_SIZE*STOCK_COUNT);
if (stock_ap == NULL) /*
*/
{
/* */
printf("Malloc failed.(stock)\n") ;/*
*/
exit(1) ;/*
*/
}
stock_cp = (stock_str *)stock_ap ;/*
*/
stock_lpcnt = 0 ;/*
*/

/* w_id count_ware */
for (s_w_id = base_ware; s_w_id <=
last_ware; s_w_id++){

fprintf(stderr, "wtpcc: : "
"STOCK %d/%d \n",
s_w_id, base_ware, last_ware);

/* orig MAXSTOCK
10 */
memset(orig, 0, sizeof(orig));
for (cnt = 0; cnt < (MAXSTOCK / 10);
cnt++) {
do {
pos = random_number(1,
MAXSTOCK);
} while (orig[pos - 1]);
orig[pos - 1] = 1;
}

/* s_i_id , MAXSTOCK */
/* stock */
for (s_i_id = 1; s_i_id <= MAXSTOCK;
s_i_id++) {

/* s_quantity */
s_quantity =
random_number(10, 100);

/* s_dist_01 .. s_dist_10
*/
make_alpha_string(24, 24,
s_dist_01);
make_alpha_string(24, 24,
s_dist_02);
make_alpha_string(24, 24,
s_dist_03);
make_alpha_string(24, 24,
s_dist_04);
make_alpha_string(24, 24,
s_dist_05);
make_alpha_string(24, 24,
s_dist_06);
make_alpha_string(24, 24,
s_dist_07);
make_alpha_string(24, 24,
s_dist_08);
make_alpha_string(24, 24,
s_dist_09);
make_alpha_string(24, 24,
s_dist_10);

/* s_data , 10%
ORIGINAL */
}
}
}

```

```

sdatasiz =
make_alpha_string(26, 50, s_data);
if (orig[s_i_id - 1]) {
    pos = random_number(0,
sdatasiz - 8);
    strncpy(&s_data[pos],
"ORIGINAL", 8);
}

/* record : : 1997-02-27 */
    strncpy(stock_cp->
>s_dist_01,s_dist_01,24);
    strncpy(stock_cp->
>s_dist_02,s_dist_02,24);
    strncpy(stock_cp->
>s_dist_03,s_dist_03,24);
    strncpy(stock_cp->
>s_dist_04,s_dist_04,24);
    strncpy(stock_cp->
>s_dist_05,s_dist_05,24);
    strncpy(stock_cp->
>s_dist_06,s_dist_06,24);
    strncpy(stock_cp->
>s_dist_07,s_dist_07,24);
    strncpy(stock_cp->
>s_dist_08,s_dist_08,24);
    strncpy(stock_cp->
>s_dist_09,s_dist_09,24);
    strncpy(stock_cp->
>s_dist_10,s_dist_10,24);

    memset(stock_cp->s_data, '',50);
    len_i = strlen(s_data);
    strncpy(stock_cp->s_data,s_data,len_i);

/* record : : 96/09/09 fukui
*/
    stock_cp->s_i_id_1 = s_i_id /
T256;
/* 2001-01-10 */
    s_i_id_1 = s_i_id/T256;
    stock_cp->s_i_id_2 = (s_i_id -
(s_i_id_1 * T256)) / D256;
    s_i_id_2 = (s_i_id -
(s_i_id_1*T256))/D256;
    stock_cp->s_i_id_3 = (s_i_id -
(s_i_id_1 * T256)
- (s_i_id_2 * D256)) /
256;
/* 2001-01-10 */
    stock_cp->s_i_id_4 = s_i_id %
T256;
/* 2001-01-09 W_ID */
    stock_cp->s_w_id_1 = s_w_id /
T256;
    s_w_id_1 = s_w_id/T256;
    stock_cp->s_w_id_2 = (s_w_id
- (s_w_id_1*T256)) / D256;
    s_w_id_2 = (s_w_id -
(s_w_id_1*T256))/D256;
    stock_cp->s_w_id_3 = (s_w_id
- (s_w_id_1*T256)
(s_w_id_2*D256)) / 256;
    stock_cp->s_w_id_4 =
s_w_id % T256;
/* 2001-01-09 W_ID */
    stock_cp->s_quantity_1 =
s_quantity / 256;

```

```

    stock_cp->s_quantity_2 =
s_quantity % 256;
    stock_cp->s_ytd_1 = s_ytd /
T256;
/* 2001-01-10 */
    s_ytd_1 = s_ytd/T256;
    stock_cp->s_ytd_2 = (s_ytd -
(s_ytd_1*T256)) / D256;
    s_ytd_2 = (s_ytd -
(s_ytd_1*T256))/D256;
    stock_cp->s_ytd_3 = (s_ytd -
(s_ytd_1*T256)
-
(s_ytd_2*D256)) / 256;
/* 2001-01-10 */
    stock_cp->s_ytd_4 = s_ytd %
T256;
    stock_cp->s_order_cnt_1 =
s_order_cnt / 256;
    stock_cp->s_order_cnt_2 =
s_order_cnt % 256;
    stock_cp->s_remote_cnt_1 =
s_remote_cnt / 256;
    stock_cp->s_remote_cnt_2 =
s_remote_cnt % 256;

    stock_cp = stock_cp + 1;
    stock_lpcnt = stock_lpcnt + 1;

    if (stock_lpcnt == STOCK_COUNT)
    {
        write(op_stock,
stock_ap,
(size_t)STOCK_SIZE *
(size_t)STOCK_COUNT);
        stock_cp = (stock_str *)stock_ap;
        stock_lpcnt = 0;
    }
}

filecount++;

/* 1997-02-18 fprintf -> printf + fwrite */
if (stock_lpcnt != 0)
{
    write(op_stock,
stock_ap,
(size_t)STOCK_SIZE *
(size_t)stock_lpcnt);
}

/* */
close(op_stock);

/* */
free(stock_ap);

/* */
return;
}

/*
* Function : district()
* Description : district
* Parameters : 1. base_ware,
* Parameters : 2. last_ware,
* Grobals Ref: nothing

```

```

* Grobals Out : nothing
* Returns : nothing
*/

void
district(base_ware,last_ware)
int base_ware;
int last_ware;
{
/* */
long d_10000 = 10000.0;
int filecount = 1;
int outfilecount;
char filename[64];

/* d_ytd = 30000.00; record */
d_ytd = 3000000; /* 98-11-06 */
d_next_o_id = 3001;
outfilecount = ((base_ware-1)/10) + 1;

/* */
sprintf(filename, "%s/DI%d%d", fileout,
base_ware, last_ware);
if ((fst4 = fopen(filename, "w"))==NULL){
printf("wtpcc: : %s: \n",
filename);
exit(1);
}

/* w_id , count_ware */
for (d_w_id = base_ware; d_w_id <=
last_ware; d_w_id++){

/* d_id , DIST_PER_WARE
*/
for (d_id = 1; d_id <=
DIST_PER_WARE; d_id++){

/* d_name */
make_alpha_string(6, 10,
d_name);

/* */
make_address(d_street_1,
d_street_2, d_city, d_state, d_zip);

/* d_tax */
/* d_tax /= d_10000;*/
d_tax = random_number(0,
2000);

/* record : : 96-09-06 fukui
*/
d_id_1 = d_id / 256;
d_id_2 = d_id % 256;
/* 2001-01-09 W_ID */
d_w_id_1 = d_w_id / T256;
d_w_id_2 = (d_w_id -
(d_w_id_1*T256))/D256;
d_w_id_3 = (d_w_id -
(d_w_id_1*T256)-(d_w_id_2*D256))/256;
d_w_id_4 = d_w_id % T256;
/* 2001-01-09 W_ID */
d_tax_1 = d_tax / 256;
d_tax_2 = d_tax % 256;
d_ytd_1 = 0x00; /* d_ytd:
30000.00 */
d_ytd_2 = 0x00;
d_ytd_3 = 0x00;

```

```

d_ytd_4 = 0x30;
d_ytd_5 = 0x00;
d_ytd_6 = 0x00;
d_ytd_7 = 0x0c;
d_next_o_id_1 = d_next_o_id /
T256;
d_next_o_id_2 = (d_next_o_id-
(d_next_o_id_1*T256))/D256;
d_next_o_id_3 = (d_next_o_id-
(d_next_o_id_1*T256)
(d_next_o_id_2*D256))/256;
d_next_o_id_4 =
d_next_o_id % T256;
/* 2001-01-09 W_ID */
fprintf(fst4, "%c%c"
"%c%c%c%c"
"%-10s"
"%-20s%-20s%-20s%-2s%-9s"
"%c%c"
"%c%c%c%c%c%c%c"
"%c%c%c%c",
d_id_1,d_id_2,
d_w_id_1,d_w_id_2,d_w_id_3,d_w
id_4,
d_name,
d_street_1,d_street_2,d_city,d_state,
d_zip,
d_tax_1,d_tax_2,
d_ytd_1,d_ytd_2,d_ytd_3,d_ytd_4,d
_ytd_5,d_ytd_6,d_ytd_7,
d_next_o_id_1,d_next_o_id_2,d_ne
xt_o_id_3,d_next_o_id_4);
/* 2001-01-09 W_ID */
}
filecount++;
}
/* */
fclose(fst4);
/* */
return;
}
/*
 * Function : customer()
 * Description : customer
 * Parameters : 1. base_ware,
 * Parameters : 2. last_ware,
 * Grobals Ref: yyyymmddhhmss,
 * Grobals Out : nothing
 * Returns : nothing
 */
void
customer(base_ware,last_ware)
int base_ware;
int last_ware;
{
/* */
long d_10000 = 1000.0;
long d_100 = 100.0;
int filecount = 1;
int outfilecount;
char filename1[64];

```

```

/* 1997-02-18 fprintf -> sprintf + fwrite */
int customer_lpcnt ;/*
*/
char *customer_ap ;/*
*/
customer_str *customer_cp ;/*
*/
/* c_credit_lim = 50000.00; record ,
*/
c_credit_lim = 5000000; /* 1998.11.06
*/
/* c_balance = -10.00;
record , */
c_balance = -1000; /*
1998.11.06 */
/* c_ytd_payment = 10.00; record ,
*/
c_ytd_payment = 1000; /* 1998.11.06
*/
c_payment_cnt = 0; /* 1997.03.05
*/
c_delivery_cnt = 0;
strcpy(c_middle, "OE");
strcpy(c_since, yyyymmddhhmss);
outfilecount = ((base_ware-1)/10) +1;
/* */
sprintf(filename1, "%s/CU%d_%d",fileout,
base_ware, last_ware);
/*if ((fst5 = fopen(filename1 ,
"w"))==NULL){ 1997.02.24 */
if ((op_customer =
open( filename1,O_WRONLY|O_CREAT|O_TRU
NC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH))=NULL){
printf("wtpcc: : %s: \n" ,
filename1);
exit(1);
}
/* 1997-02-18 fprintf -> sprintf + fwrite */
/* CUSTOMER */
customer_ap = (char
*)malloc((size_t)(CUSTOMER_SIZE*CUSTOMER
_COUNT));
if ( customer_ap == NULL ) /*
*/
{
/* */
/* */
printf("Malloc failed.(customer)\n") ;/*
*/
exit(1) ;/* */
}
customer_cp = (customer_str
*)customer_ap ;/* */
customer_lpcnt = 0 ;/*
*/
/* w_id count_ware */
for (c_w_id = base_ware; c_w_id <=
last_ware; c_w_id++){
fprintf(stderr,"wtpcc: :
CUSTOMER %d/%d %d \n"
,c_w_id,
base_ware,last_ware);

```

```

/* d_id DIST_PER_WARE
*/
for (c_d_id = 1; c_d_id <=
DIST_PER_WARE; c_d_id++){
/* c_id
CUST_PER_DIST */
/* coustomer, history
*/
for (c_id = 1; c_id <=
CUST_PER_DIST; c_id++){
make_alpha_string(8, 16,
c_first) ;
/* 1997-02-18 TAB ID 221(c_last
NURand C) */
/* 1000 ,
2000 */
/* lastname
c_last */
if (c_id <= 1000) {
lastname(c_id - 1,
c_last);
} else {
lastname(nurand(255, 0, 999,C_LOAD),
c_last);
}
/* , */
make_address(c_street_1, c_street_2,
c_city, c_state, c_zip);
make_number_string(16,
16, c_phone);
/* c_credit 10%
BC, 90% GC */
if (random_number(0, 9))
{
strcpy(c_credit,
"GC");
} else {
strcpy(c_credit,
"BC");
}
/* c_discount */
/* c_discount /= d_10000;*/
c_discount =
random_number(0, 5000);
/* c_data */
/* make_alpha_string(300,
500, c_data); */
len_V =
make_alpha_string_V(300, 500, c_data);
/* record : : 1997-02-
27 */
memset(customer_cp, '*',
CUSTOMER_SIZE) ;
len_i = strlen(c_first) ;
strncpy(customer_cp-
>c_first ,c_first ,len_i) ;
strncpy(customer_cp-
>c_middle ,c_middle ,2 ) ;

```

```

len_i = strlen(c_last) ;
strcpy(customer_cp-
>c_last ,c_last ,len_i);

len_i = strlen(c_street_1) ;
strcpy(customer_cp-
>c_street_1,c_street_1,len_i);
len_i = strlen(c_street_2) ;
strcpy(customer_cp-
>c_street_2,c_street_2,len_i);
len_i = strlen(c_city) ;
strcpy(customer_cp-
>c_city ,c_city ,len_i);
strcpy(customer_cp-
>c_state ,c_state ,2 );
strcpy(customer_cp-
>c_zip ,c_zip ,9 );
strcpy(customer_cp-
>c_phone ,c_phone ,16 );
strcpy(customer_cp-
>c_since ,c_since ,14 );
strcpy(customer_cp-
>c_credit ,c_credit ,2 );

len_i = strlen(c_data) ;
/* strcpy(customer_cp-
>c_data ,c_data ,len_i); */
memcpy(customer_cp-
>c_data ,c_data ,len_V);

/* record : : 96/09/09
fukui */
/*
c_id_1 = c_id / 256;
c_id_2 = c_id % 256;
*/
/* 97-02-18 c_id short -> int */
customer_cp->c_id_1 =
c_id / T256;
customer_cp->c_id_2 =
(c_id - (c_id_1 * T256)) / D256;
customer_cp->c_id_3 =
(c_id - (c_id_1 * T256)
- (c_id_2 * D256)) /
256;
customer_cp->c_id_4 =
c_id % T256;

customer_cp->c_d_id_1
= c_d_id / 256;
customer_cp->c_d_id_2
= c_d_id % 256;
/* 2001-01-09 W_ID */
customer_cp->c_w_id_1
= c_w_id / T256;
c_w_id_1 = c_w_id/T256;
customer_cp->c_w_id_2
= (c_w_id - (c_w_id_1*T256)) / D256;
c_w_id_2 = (c_w_id-
(c_w_id_1*T256))/D256;
customer_cp->c_w_id_3
= (c_w_id - (c_w_id_1*T256)
- (c_w_id_2*D256)) / 256;
customer_cp->c_w_id_4
= c_w_id % T256;
/* 2001-01-09 W_ID */

```

```

customer_cp-
>c_credit_lim_1 = 0x00; /*
c_credit_lim:+50000.00*/
customer_cp-
>c_credit_lim_2 = 0x00;
customer_cp-
>c_credit_lim_3 = 0x00;
customer_cp-
>c_credit_lim_4 = 0x50;
customer_cp-
>c_credit_lim_5 = 0x00;
customer_cp-
>c_credit_lim_6 = 0x00;
customer_cp-
>c_credit_lim_7 = 0x0c;
customer_cp-
>c_discount_1 = c_discount / 256;
customer_cp-
>c_discount_2 = c_discount % 256;
customer_cp-
>c_balance_1 = 0x00; /* c_balance: -
10.00 */
customer_cp-
>c_balance_2 = 0x00;
customer_cp-
>c_balance_3 = 0x00;
customer_cp-
>c_balance_4 = 0x00;
customer_cp-
>c_balance_5 = 0x01;
customer_cp-
>c_balance_6 = 0x00;
customer_cp-
>c_balance_7 = 0x0d;
customer_cp-
>c_ytd_payment_1 = 0x00; /*
c_ytd_payment:+10.00*/
customer_cp-
>c_ytd_payment_2 = 0x00;
customer_cp-
>c_ytd_payment_3 = 0x00;
customer_cp-
>c_ytd_payment_4 = 0x00;
customer_cp-
>c_ytd_payment_5 = 0x01;
customer_cp-
>c_ytd_payment_6 = 0x00;
customer_cp-
>c_ytd_payment_7 = 0x0c;
customer_cp-
>c_payment_cnt_1 = c_payment_cnt / 256;
customer_cp-
>c_payment_cnt_2 = c_payment_cnt % 256;
customer_cp-
>c_delivery_cnt_1 = c_delivery_cnt / 256;
customer_cp-
>c_delivery_cnt_2 = c_delivery_cnt % 256;

customer_cp = customer_cp + 1;
customer_lpcnt = customer_lpcnt + 1;

if ( customer_lpcnt ==
CUSTOMER_COUNT )
{
write(op_customer ,
customer_ap ,
(size_t)CUSTOMER_SIZE *
(size_t)CUSTOMER_COUNT);

```

```

customer_cp = (customer_str
*)customer_ap ;
customer_lpcnt = 0 ;
}
}
filecount++;
}
/* 1997-02-18 fprintf -> sprintf + fwrite */
if ( customer_lpcnt != 0 )
{
write(op_customer ,
customer_ap ,
(size_t)CUSTOMER_SIZE *
(size_t)customer_lpcnt);
}
/* */
close(op_customer);

/* */
free(customer_ap);

/* */
return;
}
/*
* Function : history()
* Description : history
* Parameters : 1. base_ware,
* Parameters : 2. last_ware,
* Grobals Ref: yyyyymmddhhmmss,
* Grobals Out : nothing
* Returns : nothing
*/

void
history(base_ware,last_ware)
int base_ware;
int last_ware;
{
/* */
int filecount = 1;
int outfilecount;
char filename2[64];
/* 1997-02-18 fprintf -> sprintf + fwrite */
int history_lpcnt ; /*
*/
char *history_ap ; /*
*/
history_str *history_cp ; /*
*/

h_amount = 10;
strcpy(h_date, yyyyymmddhhmmss);

outfilecount = ((base_ware-1)/10) +1;
sprintf(filename2, "%s/HI%d_%d", fileout,
base_ware, last_ware);
/*if ((fst6 = fopen(filename2 ,
"w"))==NULL){ 1997.02.24 */
if ((op_history =
open( filename2,O_WRONLY|O_CREAT|O_TRU
NC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH))==NULL){

```

```

        printf("wtpcc:   :%s:   \n",
filename2);
        exit(1);
    }

    /* 1997-02-18 fprintf -> sprintf + fwrite */
    /* HISTORY */
    history_ap = (char
*)malloc((size_t)(HISTORY_SIZE*HISTORY_CO
UNT) );
    if ( history_ap == NULL ) /*
*/
    {
        /*
*/
        printf("Malloc failed.(history)\n") ;/*
*/
        exit(1) ;/*
*/
    }
    history_cp = (history_str *)history_ap ;/*
*/
    history_lpcnt = 0 ;/*
*/

    /* w_id count_ware */
    for (h_c_w_id = base_ware; h_c_w_id <=
last_ware; h_c_w_id++){

        fprintf(stderr,"wtpcc:   :
HISTORY %d/%d %d \n"
, h_c_w_id,
base_ware,last_ware);

        /* d_id DIST_PER_WARE
*/
        for (h_c_d_id = 1; h_c_d_id <=
DIST_PER_WARE; h_c_d_id++){

            /* c_id
CUST_PER_DIST */
            /* coustomer, history
*/
            for (h_c_id = 1; h_c_id <=
CUST_PER_DIST; h_c_id++){

                /*h_c_w_id = c_w_id;*/
                /*h_c_d_id = c_d_id;*/
                /*h_c_id = c_id; */
                h_w_id = h_c_w_id;
                h_d_id = h_c_d_id;

                /* h_data */
                make_alpha_string(12,
24, h_data);

                /* record : : 1997-02-
27 */
                memset(history_cp->h_data , ' ',
24) ;

                len_i = strlen(h_data) ;
                strncpy(history_cp-
>h_data,h_data,len_i) ;
                strncpy(history_cp-
>h_date,h_date,14 ) ;

                /* 97-02-18 h_c_id short -> int */
                history_cp->h_c_id_1=
h_c_id / T256;
                /* 2001-01-10
*/
                h_c_id_1=h_c_id/T256;

```

```

                history_cp->h_c_id_2 =
(h_c_id - (h_c_id_1*T256)) / D256;
                h_c_id_2 = (h_c_id-
(h_c_id_1*T256))/D256;
                history_cp->h_c_id_3 =
(h_c_id - (h_c_id_1*T256)
- (h_c_id_2*D256))
/256;
                /* 2001-01-10
*/
                history_cp->h_c_id_4=
h_c_id % T256;

                history_cp->h_c_d_id_1 =
h_c_d_id / 256;
                history_cp->h_c_d_id_2 =
h_c_d_id % 256;
                /* 2001-01-09 W_ID
*/
                history_cp->h_c_w_id_1
= h_c_w_id / T256;
                h_c_w_id_1 =
h_c_w_id/T256;
                history_cp->h_c_w_id_2
= (h_c_w_id - (h_c_w_id_1*T256)) / D256;
                h_c_w_id_2 = (h_c_w_id-
(h_c_w_id_1*T256))/D256;
                history_cp->h_c_w_id_3
= (h_c_w_id - (h_c_w_id_1*T256)
-
(h_c_w_id_2*D256)) / 256;
                history_cp->h_c_w_id_4
= h_c_w_id % T256;
                /* 2001-01-09 W_ID
*/
                history_cp->h_d_id_1 =
h_d_id / 256;
                history_cp->h_d_id_2 =
h_d_id % 256;
                /* 2001-01-09 W_ID
*/
                history_cp->h_w_id_1 =
h_w_id / T256;
                h_w_id_1 = h_w_id/T256;
                history_cp->h_w_id_2 =
(h_w_id - (h_w_id_1*T256)) / D256;
                h_w_id_2 = (h_w_id-
(h_w_id_1*T256))/D256;
                history_cp->h_w_id_3 =
(h_w_id - (h_w_id_1*T256)
-
(h_w_id_2*D256)) /
256;
                history_cp->h_w_id_4 =
h_w_id % T256;
                /* 2001-01-09 W_ID
*/
                history_cp->h_amount_1
= h_amount / T256;
                /* 2001-01-10
*/
                h_amount_1 =
h_amount/T256;
                history_cp->h_amount_2
= (h_amount - (h_amount_1*T256)) / D256;
                h_amount_2 =
(h_amount-(h_amount_1*T256))/D256;
                history_cp->h_amount_3
= (h_amount - (h_amount_1*T256)
-
(h_amount_2*D256)) / 256;
                /* 2001-01-10
*/
                history_cp->h_amount_4
= h_amount % T256;

                history_cp = history_cp + 1;

```

```

                history_lpcnt = history_lpcnt + 1 ;

                if ( history_lpcnt == HISTORY_COUNT )
                {
                    write(op_history ,
                    history_ap ,
                    (size_t)HISTORY_SIZE *
(size_t)HISTORY_COUNT) ;
                    history_cp = (history_str
*)history_ap ;
                    history_lpcnt = 0 ;
                }
            }
            filecount++;
        }

        /* 1997-02-18 fprintf -> sprintf + fwrite */
        if ( history_lpcnt != 0 )
        {
            write(op_history ,
            history_ap ,
            (size_t)HISTORY_SIZE *
(size_t)history_lpcnt) ;
        }

        /*
*/
        close(op_history) ;

        /*
*/
        free(history_ap) ;

        /*
*/
        return;
    }

    /*
* Function : orders()
* Description : orders, order_line,
new_order
* Parameters : 1. base_ware,
* Parameters : 1. last_ware,
* Grobals Ref: yyyyymmddhhmmss,
* Grobals Out : nothing
* Returns : nothing
*/

void
orders(base_ware,last_ware)
int base_ware;
int last_ware;
{
    /*
*/
    double d_100 = 100;
    int filecount = 1;
    int outfilecount;
    char filename1[64];
    char filename2[64];
    char filename3[64];
    short d_id;

    /* 2001-01-09 W_ID
*/
    int w_id;
    /* 2001-01-09 W_ID
*/
    int o_id;
    /* 1997-02-18 fprintf -> sprintf + fwrite */
    int orders_lpcnt ;/*
*/

```

```

char *orders_ap ; /*
*/
orders_str *orders_cp ; /*
*/
int orderline_lpcnt ; /*
*/
char *orderline_ap ; /*
*/
orderline_str *orderline_cp ; /*
*/

o_all_local = 1;
ol_quantity = 5;
outfilecount = ((base_ware-1)/10) + 1;

/* */
sprintf(filename1, "%s/OS%d_%d", fileout,
base_ware, last_ware);
/*if ((fst7 = fopen(filename1,
"w"))==NULL){ 1997.02.24 */
if ((op_orders =
open( filename1,O_WRONLY|O_CREAT|O_TRU
NC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH ))==NULL){
printf("wtppcc: %s: \n",
filename1);
exit(1);
}
sprintf(filename2, "%s/NO%d_%d", fileout,
base_ware, last_ware);
if ((fst8 = fopen(filename2, "w"))==NULL){
printf("wtppcc: %s: \n",
filename2);
exit(1);
}
sprintf(filename3, "%s/OL%d_%d", fileout,
base_ware, last_ware);
/*if ((fst9 = fopen(filename3,
"w"))==NULL){ 1997.02.24 */
if ((op_orderline =
open( filename3,O_WRONLY|O_CREAT|O_TRU
NC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IW
GRP|S_IROTH ))==NULL){
printf("wtppcc: %s: \n",
filename3);
exit(1);
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
/* ORDERS */
/* ORDERLINE */
orders_ap = (char
*)malloc((size_t)(ORDERS_SIZE*ORDERS_COU
NT)
+
(ORDERLINE_SIZE*ORDERLINE_COUNT));
if (orders_ap == NULL) /*
*/
{
/* */
printf("Malloc failed.(orders)\n") ;/*
*/
exit(1) ;/* */
}
/* */
orderline_ap = orders_ap +
(ORDERS_SIZE*ORDERS_COUNT) ;
orders_cp = (orders_str *)orders_ap ;/*
*/

```

```

orderline_cp = (orderline_str *)orderline_ap; /*
*/
orders_lpcnt = 0 ;/*
*/
orderline_lpcnt = 0 ;/*
*/

/* w_id , count_ware */
for (w_id = base_ware; w_id <= last_ware;
w_id++){

fprintf(stderr,"wtppcc: :
ORDERS/O.LINE/N.ORDER %d/%d %d \n"
,w_id,
base_ware, last_ware);

/* d_id , DIST_PER_WARE
*/
for (d_id = 1; d_id <=
DIST_PER_WARE; d_id++){

/* o_c_id
*/
init_permutation();

/* o_id 1-ORD_PER_DIST ,
ORD_PER_DIST */
/* orders */
for (o_id = 1; o_id <=
ORD_PER_DIST; o_id++){

no_o_id = o_id;
no_w_id = w_id;
no_d_id = d_id;
o_id = o_id;
o_w_id = w_id;
o_d_id = d_id;
o_ol_cnt =

random_number(5, 15);
strncpy(o_entry_d,
yyyyymmddhhmss);

ol_o_id = o_id;
ol_w_id = w_id;
ol_d_id = d_id;
ol_supply_w_id = w_id;

/* o_c_id
1997-02-18 */
/* o_c_id init_permutation
*/
/* 1
CUST_PER_DIST */
/*
*/
counter++;
/* ocid counter-1
*/
o_c_id = ocid[counter -
1];

orders_cp->o_entry_d_v1
= NNUL_V;
orders_cp->o_entry_d_v2
= NNUL_V;
strncpy(orders_cp-
>o_entry_d,o_entry_d,14) ;

/* o_id>2100 , */

```

```

/*
new_order */
if (o_id >
(ORD_PER_DIST - NEWWORDS)){
/* ocarrier_id
*/
/* o_carrier_id =
0x00; */ /* NULL */
orders_cp-
>o_carrier_id_v1 = NUL_V;
orders_cp-
>o_carrier_id_v2 = NUL_V;
orders_cp-
>o_carrier_id_1 = 0x00;
orders_cp-
>o_carrier_id_2 = 0x00;

/* orders
record : : 96/09/09 fukui */
/* ( NULL ) */
orders_cp-
>o_id_v1 = NNUL_V;
orders_cp-
>o_id_v2 = NNUL_V;
orders_cp->o_id_1
= o_id / T256;
/* 2001-01-10 */
o_id_1 =
o_id/T256;
orders_cp->o_id_2
= (o_id - (o_id_1*T256)) / D256;
o_id_2 = (o_id-
(o_id_1*T256))/D256;
orders_cp->o_id_3
= (o_id - (o_id_1*T256)
-
(o_id_2*D256)) / 256;
/* 2001-01-10 */
orders_cp->o_id_4
= o_id % T256;

orders_cp-
>o_d_id_v1 = NNUL_V;
orders_cp-
>o_d_id_v2 = NNUL_V;
orders_cp-
>o_d_id_1 = o_d_id / 256;
orders_cp-
>o_d_id_2 = o_d_id % 256;

orders_cp-
>o_w_id_v1 = NNUL_V;
orders_cp-
>o_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
orders_cp-
>o_w_id_1 = o_w_id / T256;
o_w_id_1 =
o_w_id/T256;
orders_cp-
>o_w_id_2 = (o_w_id - (o_w_id_1*T256)) / D256;
o_w_id_2 =
(o_w_id-(o_w_id_1*T256))/D256;
orders_cp-
>o_w_id_3 = (o_w_id - (o_w_id_1*T256)
-
(o_w_id_2*D256)) / 256;
orders_cp-
>o_w_id_4 = o_w_id % T256;

```

```

/* 2001-01-09 W_ID */
/* 97-02-18 o_c_id short->int */
orders_cp-
>o_c_id_v1 = NNUL_V;
orders_cp-
>o_c_id_v2 = NNUL_V;
orders_cp-
>o_c_id_1 = o_c_id / T256;
/* 2001-01-10 */
o_c_id_1 =
o_c_id/T256;
orders_cp-
>o_c_id_2 = (o_c_id - (o_c_id_1*T256)) / D256;
o_c_id_2 = (o_c_id
- (o_c_id_1*T256)) / D256;
orders_cp-
>o_c_id_3 = (o_c_id - (o_c_id_1*T256)
- (o_c_id_2*D256))
/ 256;
/* 2001-01-10 */
orders_cp-
>o_c_id_4 = o_c_id % T256;
orders_cp-
>o_ol_cnt_v1 = NNUL_V;
orders_cp-
>o_ol_cnt_v2 = NNUL_V;
orders_cp-
>o_ol_cnt_1 = o_ol_cnt / 256;
orders_cp-
>o_ol_cnt_2 = o_ol_cnt % 256;
orders_cp-
>o_all_local_v1 = NNUL_V;
orders_cp-
>o_all_local_v2 = NNUL_V;
orders_cp-
>o_all_local_1 = o_all_local / 256;
orders_cp-
>o_all_local_2 = o_all_local % 256;
/* Neworder
record : : 96/09/09 fukui */
no_o_id / T256;
no_o_id_1 =
(no_o_id - (no_o_id_1*T256))/D256;
no_o_id_2 =
(no_o_id - (no_o_id_1*T256) -
(no_o_id_2*D256))/256;
no_o_id_3 =
no_o_id_4 =
no_o_id % T256;
no_d_id / 256;
no_d_id_1 =
no_d_id_2 =
no_d_id % 256;
no_w_id / 256;
no_w_id_1 =
no_w_id_2 =
no_w_id % 256;
/* 2001-01-09 W_ID */
no_w_id_1 =
no_w_id_2 =
(no_w_id - (no_w_id_1*T256))/D256;
no_w_id_3 =
(no_w_id - (no_w_id_1*T256) - (no_w_id_2*D256))
/256;
no_w_id_4 =
no_w_id % T256;
/* 2001-01-09 W_ID */
/* 2001-01-09 W_ID */
fprintf(fst8, "%c%c%c%c"
"%c%c"
"%c%c%c%c",
no_o_id_1,no_o_id_2,no_o_
id_3,no_o_id_4,
no_d_id_1,no_d_id_2,
no_w_id_1,no_w_id_2,no_w
_id_3,no_w_id_4);
/* 2001-01-09 W_ID */
} else {
/* ocarrier_id
*/
o_carrier_id =
random_number(1, 10);
orders_cp-
>o_carrier_id_v1 = NNUL_V;
orders_cp-
>o_carrier_id_v2 = NNUL_V;
orders_cp-
>o_carrier_id_1 = o_carrier_id / 256;
orders_cp-
>o_carrier_id_2 = o_carrier_id % 256;
/* order
record : : 96/09/09 fukui */
orders_cp-
>o_id_v1 = NNUL_V;
orders_cp-
>o_id_v2 = NNUL_V;
orders_cp->o_id_1
= o_id / T256;
/* 2001-01-10 */
o_id_1 =
orders_cp->o_id_2
= (o_id - (o_id_1*T256)) / D256;
o_id_2 = (o_id -
(o_id_1*T256))/D256;
orders_cp->o_id_3
= (o_id - (o_id_1*T256)
- (o_id_2*D256)) / 256;
/* 2001-01-10 */
orders_cp->o_id_4
= o_id % T256;
orders_cp-
>o_d_id_v1 = NNUL_V;
orders_cp-
>o_d_id_v2 = NNUL_V;
orders_cp-
>o_d_id_1 = o_d_id / 256;
orders_cp-
>o_d_id_2 = o_d_id % 256;
orders_cp-
>o_w_id_v1 = NNUL_V;
>o_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
>o_w_id_1 = o_w_id / T256;
orders_cp-
>o_w_id_2 = (o_w_id - (o_w_id_1*T256)) / D256;
o_w_id_2 =
(o_w_id - (o_w_id_1*T256))/D256;
orders_cp-
>o_w_id_3 = (o_w_id - (o_w_id_1*T256)
- (o_w_id_2*D256)) / 256;
orders_cp-
>o_w_id_4 = o_w_id % T256;
/* 2001-01-09 W_ID */
/* 97-02-18 o_c_id short->int */
orders_cp-
>o_c_id_v1 = NNUL_V;
orders_cp-
>o_c_id_v2 = NNUL_V;
orders_cp-
>o_c_id_1 = o_c_id / T256;
/* 2001-01-10 */
o_c_id_1 =
orders_cp-
>o_c_id_2 = (o_c_id - (o_c_id_1*T256)) / D256;
o_c_id_2 =
(o_c_id - (o_c_id_1*T256))/D256;
orders_cp-
>o_c_id_3 = (o_c_id - (o_c_id_1*T256)
- (o_c_id_2*D256))
/ 256;
/* 2001-01-10 */
orders_cp-
>o_c_id_4 = o_c_id % T256;
orders_cp-
>o_ol_cnt_v1 = NNUL_V;
orders_cp-
>o_ol_cnt_v2 = NNUL_V;
orders_cp-
>o_ol_cnt_1 = o_ol_cnt / 256;
orders_cp-
>o_ol_cnt_2 = o_ol_cnt % 256;
orders_cp-
>o_all_local_v1 = NNUL_V;
orders_cp-
>o_all_local_v2 = NNUL_V;
orders_cp-
>o_all_local_1 = o_all_local / 256;
orders_cp-
>o_all_local_2 = o_all_local % 256;
}
orders_cp = orders_cp + 1;
orders_lpcnt = orders_lpcnt + 1;
if ( orders_lpcnt == ORDERS_COUNT )
{
write(op_orders ,
orders_ap ,
(size_t)ORDERS_SIZE *
(size_t)ORDERS_COUNT);
}

```

```

orders_cp = (orders_str
*)orders_ap ;
orders_lpcnt = 0 ;
}

/*
ol_number      ,o_olcnt */
/* order_line
*/

for (ol_number = 1;
ol_number <= o_ol_cnt; ol_number++)
{
/* ol_i_id,
ol_dist_info */
/* ol_i_id =
random_number(1, MAXITEMS); */

/* :961127:K.Fukui: I_ID
(main ) */

ol_i_id =
random_number( 1, MAXITEMS /
I_ID_Rand_by);
ol_i_id = ol_i_id *
I_ID_Rand_by;

make_alpha_string(24, 24, ol_dist_info);
ol_dist_info_v1 = NNUL_V;
ol_dist_info_v2 = NNUL_V;
strncpy(orderline_cp-
>ol_dist_info,ol_dist_info,24) ;

/* o_id>2100 */
/* ol_amount */
/* , */
if (o_id >
(CUST_PER_DIST - NEWWORDS))
{
/* ol_amount /=
d_100; */
ol_amount =
random_number(1, 999999);

/* orderline
*/

/* ol_delivery_d
= NULL;*/
ol_delivery_d_v1 = NUL_V;
ol_delivery_d_v2 = NUL_V;

ol_o_id_v1 = NNUL_V;
ol_o_id_v2 = NNUL_V;
ol_o_id_1 = ol_o_id / T256;
/* 2001-01-10 */
ol_o_id/T256;
ol_o_id_2 = (ol_o_id - (ol_o_id_1*T256)) / D256;
ol_o_id_2 =
(ol_o_id-(ol_o_id_1*T256)) / D256;
ol_o_id_3 = (ol_o_id - (ol_o_id_1*T256)
(ol_o_id_2*D256)) / 256;
/* 2001-01-10 */
ol_o_id_4 = ol_o_id % T256;
ol_d_id_v1 = NNUL_V;
ol_d_id_v2 = NNUL_V;
ol_d_id_1 = ol_d_id / 256;
ol_d_id_2 = ol_d_id % 256;
ol_w_id_v1 = NNUL_V;
ol_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
ol_w_id_1 = ol_w_id / 256;
ol_w_id_2 = ol_w_id % 256;
ol_w_id_1 = ol_w_id / T256;
ol_w_id_2 = (ol_w_id - (ol_w_id_1*T256))
/ D256;
(ol_w_id-(ol_w_id_1*T256))/D256;
ol_w_id_3 = (ol_w_id - (ol_w_id_1*T256)
- (ol_w_id_2*D256))
/ 256;
ol_w_id_4 = ol_w_id % T256;
/* 2001-01-09 W_ID */
ol_number_v1 = NNUL_V;
ol_number_v2 = NNUL_V;
ol_number_1 = ol_number / 256;
ol_number_2 = ol_number % 256;
ol_i_id_v1 = NNUL_V;
ol_i_id_v2 = NNUL_V;
ol_i_id_1 = ol_i_id / T256;
/* 2001-01-10 */
ol_i_id/T256;
ol_i_id_2 = (ol_i_id - (ol_i_id_1*T256))
/ D256;
(ol_i_id-(ol_i_id_1*T256))/D256;
ol_i_id_3 = (ol_i_id - (ol_i_id_1*T256)
- (ol_i_id_2*D256))
/ 256;
/* 2001-01-10 */
ol_i_id_4 = ol_i_id % T256;
ol_supply_w_id_v1 = NNUL_V;
ol_supply_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
ol_supply_w_id_1 = ol_supply_w_id / T256;
ol_supply_w_id_1 = ol_supply_w_id/T256;
ol_supply_w_id_2 =
(ol_supply_w_id - (ol_supply_w_id_1*T256)) /
D256;
ol_supply_w_id_2 = (ol_supply_w_id-
(ol_supply_w_id_1*T256))
/D256;
ol_supply_w_id_3 =
(ol_supply_w_id - (ol_supply_w_id_1*T256)
- (ol_supply_w_id_2*D256)) / 256;
ol_supply_w_id_4 = ol_supply_w_id % T256;
/* 2001-01-09 W_ID */
ol_quantity_v1 = NNUL_V;
ol_quantity_v2 = NNUL_V;
ol_quantity_1 = ol_quantity / 256;
ol_quantity_2 = ol_quantity % 256;
ol_amount_v1 = NNUL_V;
ol_amount_v2 = NNUL_V;
ol_amount_1 = ol_amount / T256;
/* 2001-01-10 */
ol_amount_1
= ol_amount/T256;
ol_amount_2 =
(ol_amount - (ol_amount_1*T256)) / D256;
ol_amount_2
= (ol_amount-(ol_amount_1*T256))/D256;
ol_amount_3 =

```



```

        (ol_amount - (ol_amount_1*T256)
(ol_amount_2*D256)) / 256;
/* 2001-01-10 */
>ol_amount_4 = ol_amount % T256;
        } else {
            ol_amount =
0;

        strcpy(ol_delivery_d, yyyymmddhhmmss);
>ol_delivery_d_v1 = NNUL_V;
>ol_delivery_d_v2 = NNUL_V;
        strcpy(orderline_cp-
>ol_delivery_d,
            ol_delivery_d,14);

>ol_o_id_v1 = NNUL_V;
>ol_o_id_v2 = NNUL_V;
>ol_o_id_1 = ol_o_id / T256;
/* 2001-01-10 */
ol_o_id_1 =
ol_o_id/T256;
>ol_o_id_2 = (ol_o_id - (ol_o_id_1*T256))
/D256;
ol_o_id_2 =
(ol_o_id-(ol_o_id_1*T256))/D256;
>ol_o_id_3 = (ol_o_id - (ol_o_id_1*T256)
-
(ol_o_id_2*D256))
/256;
/* 2001-01-10 */
>ol_o_id_4 = ol_o_id % T256;

>ol_d_id_v1 = NNUL_V;
>ol_d_id_v2 = NNUL_V;
>ol_d_id_1 = ol_d_id / 256;
>ol_d_id_2 = ol_d_id % 256;

>ol_w_id_v1 = NNUL_V;
>ol_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
>ol_w_id_1 = ol_w_id/T256;
ol_w_id_1 =
ol_w_id / T256;
>ol_w_id_2 = (ol_w_id - (ol_w_id_1*T256))
/D256;

        ol_w_id_2 =
(ol_w_id-(ol_w_id_1*T256))/D256;
>ol_w_id_3 =
(ol_w_id - (ol_w_id_1*T256)
-
(ol_w_id_2*D256)) / 256;

        ol_w_id_2 =
        orderline_cp-
>ol_w_id_3 = (ol_w_id - (ol_w_id_1*T256)
-
(ol_w_id_2*D256))
/ 256;
        orderline_cp-
>ol_w_id_4 = ol_w_id % T256;
/* 2001-01-09 W_ID */

>ol_number_v1 = NNUL_V;
>ol_number_v2 = NNUL_V;
>ol_number_1 = ol_number / 256;
>ol_number_2 = ol_number % 256;

>ol_i_id_v1 = NNUL_V;
>ol_i_id_v2 = NNUL_V;
>ol_i_id_1 = ol_i_id / T256;
/* 2001-01-10 */
ol_i_id_1 =
ol_i_id/T256;
>ol_i_id_2 = (ol_i_id - (ol_i_id_1*T256))
/D256;
ol_i_id_2 =
(ol_i_id-(ol_i_id_1*T256))/D256;
>ol_i_id_3 = (ol_i_id - (ol_i_id_1*T256)
-
(ol_i_id_2*D256))
/ 256;
/* 2001-01-10 */
>ol_i_id_4 = ol_i_id % T256;

>ol_supply_w_id_v1 = NNUL_V;
>ol_supply_w_id_v2 = NNUL_V;
/* 2001-01-09 W_ID */
        ol_supply_w_id_1 = ol_supply_w_id/T256;
>ol_supply_w_id_1 = ol_supply_w_id / T256;
>ol_supply_w_id_2 =
(ol_supply_w_id-(ol_supply_w_id_1*T256))/D256;
        ol_supply_w_id_2 =
(ol_supply_w_id - (ol_supply_w_id_1*T256)) /
D256;
>ol_supply_w_id_3 =
(ol_supply_w_id - (ol_supply_w_id_1*T256)
-
(ol_supply_w_id_2*D256)) / 256;

        orderline_cp-
>ol_supply_w_id_4 = ol_supply_w_id % T256;
/* 2001-01-09 W_ID */

>ol_quantity_v1 = NNUL_V;
>ol_quantity_v2 = NNUL_V;
>ol_quantity_1 = ol_quantity / 256;
>ol_quantity_2 = ol_quantity % 256;

>ol_amount_v1 = NNUL_V;
>ol_amount_v2 = NNUL_V;
>ol_amount_1 = ol_amount / T256;
/* 2001-01-10 */
ol_amount_1
= ol_amount / T256;
>ol_amount_2 =
(ol_amount -
(ol_amount_1*T256)) / D256;
ol_amount_2
= (ol_amount-(ol_amount_1*T256))/D256;
>ol_amount_3 =
(ol_amount -
(ol_amount_1*T256)
-
(ol_amount_2*D256)) /
256;
/* 2001-01-10 */
>ol_amount_4 = ol_amount % T256;

        }
        orderline_cp = orderline_cp + 1 ;
        orderline_lpcnt = orderline_lpcnt + 1 ;
        if ( orderline_lpcnt ==
ORDERLINE_COUNT )
        {
            write(op_orderline ,
                orderline_ap ,
                (size_t)ORDERLINE_SIZE *
(size_t)ORDERLINE_COUNT);
            orderline_cp = (orderline_str
*)orderline_ap ;
            orderline_lpcnt = 0 ;
        }
        filecount++;
    }

    if ( orders_lpcnt != 0 )
    {
        write(op_orders ,
            orders_ap ,
            (size_t)ORDERS_SIZE *
(size_t)orders_lpcnt) ;
        if ( orderline_lpcnt != 0 )
        {
            write(op_orderline ,

```

```

        orderline_ap,
        (size_t)ORDERLINE_SIZE *
(size_t)orderline_lpcnt);
    }

    /* */
    fclose(fst8);
    close(op_orders);
    close(op_orderline);

    /* */
    free(orders_ap);

    /* */
    return;
}

/*
 * Function : make_address()
 * Description :
 * Parameters : 1. str1, 1( 21 )
 *              2. str2, 2( 21 )
 *              3. city, ( 21 )
 *              4. state,
( 3 )
 *              5. zip, ( 10 )
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : nothing
 */

void
make_address(str1, str2, city, state, zip)
char *str1;
char *str2;
char *city;
char *state;
char *zip;
{
    /* street1 , 10-20 */
    make_alpha_string(10, 20, str1);

    /* street2 , 10-20 */
    make_alpha_string(10, 20, str2);

    /* city , 10-20 */
    make_alpha_string(10, 20, city);

    /* state , 2 */
    make_alpha_string(2, 2, state);

    /* zip , 9 */
    make_number_string(9, 9, zip);

    return;
}

/*
 * Function : lastname()
 * Description : lastname
 * Parameters : 1. num, 000-999
 *              2. name,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : nothing
 */

void

```

```

lastname(num, name)
int num;
char *name;
{
    /* syllable c_last 10 */
    static char *syllable[] = {
        "BAR", "OUGHT", "ABLE",
        "PRI", "PRES",
        "ESE", "ANTI", "CALLY",
        "ATION", "EING"
    };

    /* syllable[ 100 ] name */
    strcpy(name, syllable[num / 100]);

    /* syllable[ 10 ] name */
    strcat(name, syllable[(num / 10) % 10]);

    /* syllable[ 1 ] name */
    strcat(name, syllable[num % 10]);

    return;
}

/*
 * Function : make_alpha_string()
 * Description :
 * Parameters : 1. num1,
 *              2. num2,
 *              3. str,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : int,
 */

int
make_alpha_string(num1, num2, str)
int num1;
int num2;
char *str;
{
    int len;
    int i;
    short rnum;

    /* num1-num2 */
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);
    }
    /* */
    for (i = 0; i < len; i++) {
#ifdef rand_str
        /* 0-61 */
        rnum = random_number(0, 61);

        /* 0-25 , 'a'==x61 (0:a,
1:b, .. , 25:z) */
        if ((0 <= rnum) && (rnum <= 25)) {
            str[i] = 'a' + rnum;

            /* 26-51 , 'A'==x41
(26:A, 27:B, .. , 51:Z) */
            } else if ((26 <= rnum) && (rnum <=
51)) {
                str[i] = 'A' + rnum - 26;

```

```

                /* 52-61 , '0'==x30 (52:0,
53:1, .. , 61:9) */
            } else if ((52 <= rnum) && (rnum <=
61)) {
                str[i] = '0' + rnum - 52;
            }
        #else
            /* 0-51 */
            rnum = rand()%52; /* 1997.03.11 */

            /* 0-25 , 'a'==x61 (0:a,
1:b, .. , 25:z) */
            if ((0 <= rnum) && (rnum <= 25)) {
                str[i] = 'a' + rnum;

            /* 26-51 , 'A'==x41
(26:A, 27:B, .. , 51:Z) */
            } else if ((26 <= rnum) && (rnum <=
51)) {
                str[i] = 'A' + rnum - 26;
            }
        #endif
    }
    /* */
    if (num1 != num2) {
        str[len] = '\0';
    }
    /* */
    return(len);
}

make_alpha_string_V(num1, num2, str)
int num1;
int num2;
char *str;
{
    int len;
    int i;
    short rnum;
    short *work_p;

    /* num1-num2 */
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);
    }
    /* 000725 Bug Fix */
    #if 0
        str[0] = 0;
        str[1] = len;
    #endif
    /* 000725 Bug Fix */
    work_p = &(str[0]);
    *work_p = (short)len;

    /* */
    for (i = 2; i < len + 2; i++) {
#ifdef rand_str
        /* 0-61 */
        rnum = random_number(0, 61);

        /* 0-25 , 'a'==x61 (0:a,
1:b, .. , 25:z) */

```

```

        if ((0 <= rnum) && (rnum <= 25)) {
            str[i] = 'a' + rnum;

            /* 26-51 , 'A'==x41
(26:A, 27:B, .. , 51:Z) */
        } else if ((26 <= rnum) && (rnum <=
51)) {
            str[i] = 'A' + rnum - 26;

            /* 52-61 , '0'==x30 (52:0,
53:1, .. , 61:9) */
        } else if ((52 <= rnum) && (rnum <=
61)) {
            str[i] = '0' + rnum - 52;
        }
    #else
        /* 0-51 */
        rnum = rand()%52 ; /* 1997.03.11 */

        /* 0-25 , 'a'==x61 (0:a,
1:b, .. , 25:z) */
        if ((0 <= rnum) && (rnum <= 25)) {
            str[i] = 'a' + rnum;

            /* 26-51 , 'A'==x41
(26:A, 27:B, .. , 51:Z) */
        } else if ((26 <= rnum) && (rnum <=
51)) {
            str[i] = 'A' + rnum - 26;
        }
    #endif
}
/* */
/* if (num1 != num2) { */
/* str[len] = '\0'; */
/* */
/* return(len + 2); */
}

/*
 * Function : make_number_string()
 * Description :
 * Parameters : 1. num1,
 *              2. num2,
 *              3. str,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : int,
 */

int
make_number_string(num1, num2, str)
int num1;
int num2;
char *str;
{
    int len;
    int i;
    short rnum;

    /* num1-num2 */
    /*
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);

```

```

}
/* */
for (i = 0; i < len; i++) {
#ifdef rand_str
    /* 0-9 */
    rnum = random_number(0, 9);

    /* 0-9 str */
    str[i] = '0' + rnum;
#else
    str[i] = (char)(rand()%10+'0');
#endif
}
/* */
str[len] = '\0';

/* */
return(len);
}

/*
 * Function : random_number()
 * Description :
 * Parameters : 1. num1,
 *              2. num2,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : int,
 */
#ifdef call_rand
/* 1997-02-18 mac */
int
random_number(num1, num2)
int num1;
int num2;
{
    int value;

    /* num1-num2 */
    value = lrand48() % (num2 - num1 + 1) +
num1;

    /* */
    return(value);
}
#endif

/*
 * Function : set_seed()
 * Description :
 * Parameters : 1. seedval,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : nothing
 */

void
set_seed(seedval)
int seedval;
{
    /* */
    srand(seedval) ; /* 1997-
02-18 */
    srand48(seedval);

    return;
}

```

```

/*
 * Function : nurand()
 * Description :
 * Parameters : 1. a,
 *              2. x,
 *              3. y,
 * Grobals Ref: nothing
 * Grobals Out : nothing
 * Returns : nothing
 */
/* 1997-02-18 TAB ID 221(c_last NURand C)
 */
int
nurand(a, x, y, c)
int a;
int x;
int y;
int c;
{
    int value;

    /* */
    value = (((random_number(0, a) |
random_number(x, y)) + c) %
(y - x + 1)) + x;

    /* */
    return(value);
}

/*
 * Function : init_permutation()
 * Description : o_c_id 1 CUST_PER_DIST
 * Parameters : nothing
 * Grobals Ref: nothing
 * Grobals Out : 1. ocid, o_c_id
 *              2. counter,
 * Returns : nothing
 */

void
init_permutation()
{
    short cnt;
    short replace;
    short work;

    /* ocid 1-CUST_PER_DIST
 */
    for (cnt = 0; cnt < CUST_PER_DIST;
cnt++){
        ocid[cnt] = cnt + 1;
    }

    /* ocid */
    for (cnt = 0; cnt < CUST_PER_DIST;
cnt++){
        replace = random_number(1,
CUST_PER_DIST);
        work = ocid[cnt];
        ocid[cnt] = ocid[replace - 1];
        ocid[replace - 1] = work;
    }

    /* */
    counter = 0;
}

```


Appendix F: 60 Day Space Calculation

Note : Numbers are in KBytes unless otherwise specified

Warehouses	19008	tpmC	222772.33	tpmC/W	11.72	
Table	Rows	Data	Index	5% Space	8H Space	Total Space
Warehouse	19,800	19,994	0	1,000		20,994
District	198,000	198,450	0	9,923		208,373
Item	100,000	14,288	0	714		15,002
New-order	178,200,000	18,073,800	5,443,200	1,175,850		24,692,850
History	594,000,000	49,507,200	0		8,912,189	58,419,389
Orders	594,000,000	43,259,400	16,977,600		10,843,747	71,080,747
Customer	594,000,000	594,003,600	15,481,344	30,474,247		639,959,191
Order-line	5,939,776,579	646,005,344	0		116,292,619	762,297,963
Stock	1,980,000,000	720,002,250	0	36,000,113		756,002,363
DIRECTORY FILE		541,696				541,696
Dictionary		262,144				262,144
Totals		2,071,888,166	37,902,144	67,661,846	136,048,555	2,313,500,711

Table	Freespace
Warehouse	905,656
District	210,825
Item	715
New-order	8,661,600
History	8,892,000
Orders	12,301,200
Customer	29,700,000
Order-line	178,135,456
Stock	36,028,800
Indexes	40059456
Total	314,895,708

Dynamic space 738,771,944.00 Sum of Data for Order, Order-Line and History (excluding free extents)
Static space 1,438,680,212.30 Data + Index + 5% Space + Overhead - Dynamic space
Free space 247,233,861.70
Daily growth 138,533,625.68 (Dynamic space/W * 62.5)* tpmC
Daily spread 39,433,423.19 Free-Space - 1.5 * Daily-Growth
180 day (KB) 33,472,749,007 26,374,732,834
180 day (GB) 31,922.10 25,152.91 < Assumes no Daily Spread
Maximum 207,800,438.51 free space allowed

Measured Configuration			Space Usage	
Type	Number	Total GB	Usage	Size (GB)
9GB Drives	1,268	10,270.33	180-day Space	31,922.10
18GB Drives	222	3,674.71	Root,swap,usr	106.76
			Log	960.06
Totals	1490	13,945.04	Total	32,988.92
			Deficit	19,043.88

MB log used 149120
Total N-O Txn 22520307
KB log /Txn 6.7805
8 Hour Log (GB) 691.46 of archive log
After image Log [GB] 93.75
Before image Log 11.72
Log index 0.09
Log disks[18GB] 42 8Hour Log
Log disks [18GB] 16 (AI Log*mr)+(BI Log * mr)+(IX Log * mr)

Extra log space 57.48
 Deficit after including excess log space 18,986.41
Replace 18GB from 9GB disks needed (round up to the multiple of five) 1260

Priced Configuration

Type	Number	Total GB
9GB Drives	8	64.80
18GB Drives	1,990	32,939.94

Totals 1998 33,004.74

Disk Capacities

9GB	18GB	
512	512	bytes/sector
162	768	sectors/track
8	50	tracks/cylinder
1296	38400	sectors/cylinder
13107	905	cylinders
13,107	904	accessible cylinders
8.10	16.55	

9gbsize 18gbsize

Non-DB space used
 OS (root+etc) 6.497812271
 Swap 100.2618046

Appendix G: Distribution of Tables and Log

FU

c0	c0t1d0	c0t2d0	c0t3d0	c0	c0t4d0	c0t5d0
	OS solaris8		DIR		DIR_G1	DIR_G2
c1	c1t1d0	c1t2d0	c1t3d0	c1	c1t4d0	c1t5d0
	DIC	DIR_G3	DIR_G4		DIR_G5	
c8	c8t1d0	c8t2d0	c8t3d0	c8	c8t4d0	c8t5d0
	AI_LOG	AI_LOG_G1	AI_LOG_G2			
c19	c19t1d0	c19t2d0	c19t3d0	c19	c19t4d0	c19t5d0
	AI_LOG_G3	AI_LOG_G4	AI_LOG_G5			
c76	c76t1d0	c76t2d0	c76t3d0	c76	c76t4d0	c76t5d0
	AI_LOG	AI_LOG_G1	AI_LOG_G2			
c77	c77t1d0	c77t2d0	c77t3d0	c77	c77t4d0	c77t5d0
	AI_LOG_G3	AI_LOG_G4	AI_LOG_G5			

Thunder9200

c128	c128t16d0	c128t16d1	c128t16d2	c129	c129t17d10	c129t17d11	c129t17d12
	BI	BI_G1	BI_G2		1 ARC1	ARC_G1_1	ARC_G2_1
					3 ARC2	ARC_G1_2	ARC_G2_2
					4 ARC3	ARC_G1_3	ARC_G2_3
					5 ARC4	ARC_G1_4	ARC_G2_4
					6 ARC5	ARC_G1_5	ARC_G2_5
			7 ARC6	ARC_G1_6	ARC_G2_6		
			0 ARC7	ARC_G1_7	ARC_G2_7		
	c128t16d3	c128t16d4	c128t16d5		c129t17d13	c129t17d14	c129t17d15
	BI_G3	BI_G4	BI_G5				
	c128t16d6	c128t16d7	c128t16d8		c129t17d16	c129t17d17	c129t17d18
	IX IX_G2 IX_G4	IX_G1 IX_G3 IX_G5					
	c128t16d9				c129t17d19		
c130	c130t16d0	c130t16d1	c130t16d2	c131	c131t17d10	c131t17d11	c131t17d12
	BI	BI_G1	BI_G2		1 ARC_G3_1	ARC_G4_1	ARC_G5_1
				3 ARC_G3_2	ARC_G4_2	ARC_G5_2	

					4	ARC_G3_3	ARC_G4_3	ARC_G5_3
					5	ARC_G3_4	ARC_G4_4	ARC_G5_4
					6	ARC_G3_5	ARC_G4_5	ARC_G5_5
					7	ARC_G3_6	ARC_G4_6	ARC_G5_6
					0	ARC_G3_7	ARC_G4_7	ARC_G5_7
						c131t17d13	c131t17d14	c131t17d15
						c129t17d16	c129t17d17	c129t17d18
						c129t17d19		
c132				c133		c132t16d0	c132t16d1	c132t16d2
	1	SP0001	SP0271	SP0541	1	SP0812	SP1082	SP0003
		Striping A	Striping A	Striping A		Striping B	Striping G	Striping C
	3	SP0004	SP0274	SP0544	3	SP0815	SP1085	SP0006
		Striping C	Striping C	Striping C		Striping C	Striping F	Striping C
		c132t16d3	c132t16d4	c132t16d5		c133t17d13	c133t17d14	c133t17d15
	1	SP0811	SP1081	SP0002	1	SP0273	SP0543	SP0813
		Striping A	Striping F	Striping B		Striping C	Striping C	Striping C
	3	SP0814	SP1084	SP0005	3	SP0276	SP0546	SP0816
		Striping C	Striping G	Striping C		Striping C	Striping C	Striping C
		c132t16d6	c132t16d7	c132t16d8		c133t17d16	c133t17d17	c133t17d18
	1	SP0272	SP0542	SP1204	1	SP1083	SP1216	SP1186
		Striping B	Striping B	Striping G		Striping F	Striping G	Striping G
	3	SP0275	SP0545	SP1228	3	SP1086	SP1222	SP0928
		Striping C	Striping C	Striping G		Striping G	Striping G	Striping G
		c132t16d9				c133t17d19		
	1	SP1198			1	SP1234		
		Striping G				Striping G		
	3	SP1210			3	SP0940		
		Striping G				Striping G		

c24		c24t1d0	c24t1d1	c24t1d2	c72		c72t2d3	c72t2d4	c72t2d5
	1	SP0007 Striping A	SP0008 Striping B	SP0009 Striping C		1	SP0010 Striping C	SP0011 Striping C	SP0012 Striping C
	3	SP0277 Striping A	SP0278 Striping B	SP0279 Striping C		3	SP0280 Striping C	SP0281 Striping C	SP0282 Striping C
	4	SP0547 Striping A	SP0548 Striping B	SP0549 Striping C		4	SP0550 Striping C	SP0551 Striping C	SP0552 Striping C
	5	SP1321 Striping F	SP0818 Striping B	SP0819 Striping C		5	SP1318 Striping G	SP0821 Striping C	SP0822 Striping C
	6	SP1087 Striping F	SP1088 Striping G	SP1089 Striping F		6	SP1090 Striping G	SP1091 Striping F	SP1092 Striping G
c16		c16t1d0	c16t1d1	c16t1d2	c64		c64t2d3	c64t2d4	c64t2d5
	1	SP0013 Striping A	SP0014 Striping B	SP0015 Striping C		1	SP0016 Striping C	SP0017 Striping C	SP0018 Striping C
	3	SP0283 Striping A	SP0284 Striping B	SP0285 Striping C		3	SP0286 Striping C	SP0287 Striping C	SP0288 Striping C
	4	SP0553 Striping A	SP0554 Striping B	SP0555 Striping C		4	SP0556 Striping C	SP0557 Striping C	SP0558 Striping C
	5	SP1273 Striping F	SP0824 Striping B	SP0825 Striping C		5	SP1324 Striping G	SP0827 Striping C	SP0828 Striping C
	6	SP1093 Striping F	SP1094 Striping G	SP1095 Striping F		6	SP1096 Striping G	SP1097 Striping F	SP1098 Striping G
c13		c13t1d0	c13t1d1	c13t1d2	c6		c6t2d3	c6t2d4	c6t2d5
	1	SP0019 Striping A	SP0020 Striping B	SP0021 Striping C		1	SP0022 Striping C	SP0023 Striping C	SP0024 Striping C
	3	SP0289 Striping A	SP0290 Striping B	SP0291 Striping C		3	SP0292 Striping C	SP0293 Striping C	SP0294 Striping C
	4	SP0559 Striping A	SP0560 Striping B	SP0561 Striping C		4	SP0562 Striping C	SP0563 Striping C	SP0564 Striping C
	5	SP1201 Striping F	SP0830 Striping B	SP0831 Striping C		5	SP1174 Striping G	SP0833 Striping C	SP0834 Striping C
	6	SP1099 Striping F	SP1100 Striping G	SP1101 Striping F		6	SP1102 Striping G	SP1103 Striping F	SP1104 Striping G
c39		c39t1d0	c39t1d1	c39t1d2	c31		c31t2d3	c31t2d4	c31t2d5
	1	SP0025 Striping A	SP0026 Striping B	SP0027 Striping C		1	SP0028 Striping C	SP0029 Striping C	SP0030 Striping C
	3	SP0295 Striping A	SP0296 Striping B	SP0297 Striping C		3	SP0298 Striping C	SP0299 Striping C	SP0300 Striping C
	4	SP0565 Striping A	SP0566 Striping B	SP0567 Striping C		4	SP0568 Striping C	SP0569 Striping C	SP0570 Striping C
	5	SP1213 Striping F	SP0836 Striping B	SP0837 Striping C		5	SP1264 Striping G	SP0839 Striping C	SP0840 Striping C
	6	SP1105 Striping F	SP1106 Striping G	SP1107 Striping F		6	SP1108 Striping G	SP1109 Striping F	SP1110 Striping G
c28		c28t1d0	c28t1d1	c28t1d2	c30		c30t2d3	c30t2d4	c30t2d5
	1	SP0031 Striping A	SP0032 Striping B	SP0033 Striping C		1	SP0034 Striping C	SP0035 Striping C	SP0036 Striping C
	3	SP0301 Striping A	SP0302 Striping B	SP0303 Striping C		3	SP0304 Striping C	SP0305 Striping C	SP0306 Striping C
	4	SP0571	SP0572	SP0573		4	SP0574	SP0575	SP0576

	5	Striping A SP1261	Striping B SP0842	Striping C SP0843		5	Striping C SP1330	Striping C SP0845	Striping C SP0846
	6	Striping F SP1111	Striping B SP1112	Striping C SP1113		6	Striping G SP1114	Striping C SP1115	Striping C SP1116
		Striping F	Striping G	Striping F			Striping G	Striping F	Striping G
c27		c27t1d0	c27t1d1	c27t1d2	c44		c44t2d3	c44t2d4	c44t2d5
	1	SP0037	SP0038	SP0039		1	SP0040	SP0041	SP0042
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	3	SP0307	SP0308	SP0309		3	SP0310	SP0311	SP0312
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	4	SP0577	SP0578	SP0579		4	SP0580	SP0581	SP0582
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	5	SP1327	SP0848	SP0849		5	SP1258	SP0851	SP0852
		Striping F	Striping B	Striping C			Striping G	Striping C	Striping C
	6	SP1117	SP1118	SP1119		6	SP1120	SP1121	SP1122
		Striping F	Striping G	Striping F			Striping G	Striping F	Striping G
c62		c62t1d0	c62t1d1	c62t1d2	c12		c12t2d3	c12t2d4	c12t2d5
	1	SP0043	SP0044	SP0045		1	SP0046	SP0047	SP0048
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	3	SP0313	SP0314	SP0315		3	SP0316	SP0317	SP0318
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	4	SP0583	SP0584	SP0585		4	SP0586	SP0587	SP0588
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	5	SP1207	SP0854	SP0855		5	SP1180	SP0857	SP0858
		Striping F	Striping B	Striping C			Striping G	Striping C	Striping C
	6	SP1123	SP1124	SP1125		6	SP1126	SP1127	SP1128
		Striping F	Striping G	Striping F			Striping G	Striping F	Striping G
c55		c55t1d0	c55t1d1	c55t1d2	c3		c3t2d3	c3t2d4	c3t2d5
	1	SP0049	SP0050	SP0051		1	SP0052	SP0053	SP0054
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	3	SP0319	SP0320	SP0321		3	SP0322	SP0323	SP0324
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	4	SP0589	SP0590	SP0591		4	SP0592	SP0593	SP0594
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	5	SP1267	SP0860	SP0861		5	SP1270	SP0863	SP0864
		Striping F	Striping B	Striping C			Striping G	Striping C	Striping C
	6	SP1129	SP1130	SP1131		6	SP1132	SP1133	SP1134
		Striping F	Striping G	Striping F			Striping G	Striping F	Striping G
c60		c60t1d0	c60t1d1	c60t1d2	c10		c10t2d3	c10t2d4	c10t2d5
	1	SP0055	SP0056	SP0057		1	SP0058	SP0059	SP0060
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	3	SP0325	SP0326	SP0327		3	SP0328	SP0329	SP0330
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	4	SP0595	SP0596	SP0597		4	SP0598	SP0599	SP0600
		Striping A	Striping B	Striping C			Striping C	Striping C	Striping C
	5	SP1279	SP1282	SP0867		5	SP1300	SP0869	SP0870
		Striping F	Striping G	Striping C			Striping G	Striping C	Striping C
	6	SP1135	SP1136	SP1137		6	SP1138	SP1139	SP1140
		Striping F	Striping G	Striping F			Striping G	Striping F	Striping G
c63		c63t1d0	c63t1d1	c63t1d2	c41		c41t2d3	c41t2d4	c41t2d5

	1	SP0061 Striping A	SP0062 Striping B	SP0063 Striping C		1	SP0064 Striping C	SP0065 Striping C	SP0066 Striping C
	3	SP0331 Striping A	SP0332 Striping B	SP0333 Striping C		3	SP0334 Striping C	SP0335 Striping C	SP0336 Striping C
	4	SP0601 Striping A	SP0602 Striping B	SP0603 Striping C		4	SP0604 Striping C	SP0605 Striping C	SP0606 Striping C
	5	SP1285 Striping F	SP1288 Striping G	SP0873 Striping C		5	SP1240 Striping G	SP0875 Striping C	SP0876 Striping C
	6	SP1141 Striping F	SP1142 Striping G	SP1143 Striping F		6	SP1144 Striping G	SP1145 Striping F	SP1146 Striping G
c54		c54t1d0	c54t1d1	c54t1d2	c43		c43t2d3	c43t2d4	c43t2d5
	1	SP0067 Striping A	SP0068 Striping B	SP0069 Striping C		1	SP0070 Striping C	SP0071 Striping C	SP0072 Striping C
	3	SP0337 Striping A	SP0338 Striping B	SP0339 Striping C		3	SP0340 Striping C	SP0341 Striping C	SP0342 Striping C
	4	SP0607 Striping A	SP0608 Striping B	SP0609 Striping C		4	SP0610 Striping C	SP0611 Striping C	SP0612 Striping C
	5	SP1237 Striping F	SP1232 Striping G	SP0879 Striping C		5	SP1306 Striping G	SP1249 Striping F	SP0882 Striping C
	6	SP1147 Striping F	SP1148 Striping G	SP1149 Striping F		6	SP1150 Striping G	SP1151 Striping F	SP1152 Striping G
c73		c73t1d0	c73t1d1	c73t1d2	c53		c53t2d3	c53t2d4	c53t2d5
	1	SP0073 Striping A	SP0074 Striping B	SP0075 Striping C		1	SP0076 Striping C	SP0077 Striping C	SP0078 Striping C
	3	SP0343 Striping A	SP0344 Striping B	SP0345 Striping C		3	SP0346 Striping C	SP0347 Striping C	SP0348 Striping C
	4	SP0613 Striping A	SP0614 Striping B	SP0615 Striping C		4	SP0616 Striping C	SP0617 Striping C	SP0618 Striping C
	5	SP1219 Striping F	SP1304 Striping G	SP0885 Striping C		5	SP1252 Striping G	SP1195 Striping F	SP0888 Striping G
	6	SP1153 Striping F	SP1154 Striping G	SP1155 Striping F		6	SP1156 Striping G	SP1157 Striping F	SP1158 Striping G
c56		c56t1d0	c56t1d1	c56t1d2	c50		c50t2d3	c50t2d4	c50t2d5
	1	SP0079 Striping A	SP0080 Striping B	SP0081 Striping C		1	SP0082 Striping C	SP0083 Striping C	SP0084 Striping C
	3	SP0349 Striping A	SP0350 Striping B	SP0351 Striping C		3	SP0352 Striping C	SP0353 Striping C	SP0354 Striping C
	4	SP0619 Striping A	SP0620 Striping B	SP0621 Striping C		4	SP0622 Striping C	SP0623 Striping C	SP0624 Striping C
	5	SP1171 Striping F	SP1276 Striping G	SP0891 Striping C		5	SP1246 Striping G	SP1255 Striping F	SP0894 Striping C
	6	SP1159 Striping F	SP1160 Striping G	SP1161 Striping F		6	SP1162 Striping G	SP1163 Striping F	SP1164 Striping G
c37		c37t1d0	c37t1d1	c37t1d2	c2		c2t2d3	c2t2d4	c2t2d5
	1	SP0085 Striping A	SP0086 Striping B	SP0087 Striping C		1	SP0088 Striping C	SP0089 Striping C	SP0090 Striping C
	3	SP0355 Striping A	SP0356 Striping B	SP0357 Striping C		3	SP0358 Striping C	SP0359 Striping C	SP0360 Striping C
	4	SP0625 Striping A	SP0626 Striping B	SP0627 Striping C		4	SP0628 Striping C	SP0629 Striping C	SP0630 Striping C

	5	SP1189 Striping F	SP0896 Striping G	SP0897 Striping F		5	SP1312 Striping G	SP0899 Striping F	SP0900 Striping G
	6	SP1165 Striping F	SP1166 Striping G	SP1167 Striping F		6	SP1168 Striping G	SP1169 Striping F	SP1170 Striping G
c75		c75t1d0	c75t1d1	c75t1d2	c36		c36t2d3	c36t2d4	c36t2d5
	1	SP0091 Striping A	SP0092 Striping B	SP0093 Striping C		1	SP0094 Striping C	SP0095 Striping C	SP0096 Striping C
	3	SP0361 Striping A	SP0362 Striping B	SP0363 Striping C		3	SP0364 Striping C	SP0365 Striping C	SP0366 Striping C
	4	SP0631 Striping A	SP0632 Striping B	SP0633 Striping C		4	SP0634 Striping C	SP0635 Striping C	SP0636 Striping C
	5	SP0901 Striping D	SP0902 Striping E	SP0903 Striping F		5	SP0904 Striping F	SP0905 Striping F	SP0906 Striping G
	6	SP0889 Striping A	SP1172 Striping G	SP1173 Striping F		6	SP0832 Striping C	SP1175 Striping F	SP1176 Striping G
c70		c70t1d0	c70t1d1	c70t1d2	c9		c9t2d3	c9t2d4	c9t2d5
	1	SP0238 Striping C	SP0239 Striping C	SP0240 Striping C		1	SP0097 Striping A	SP0098 Striping B	SP0099 Striping C
	3	SP0508 Striping C	SP0509 Striping C	SP0510 Striping C		3	SP0367 Striping A	SP0368 Striping B	SP0369 Striping C
	4	SP0778 Striping C	SP0779 Striping C	SP0780 Striping C		4	SP0637 Striping A	SP0638 Striping B	SP0639 Striping C
	5	SP1048 Striping G	SP1049 Striping F	SP1050 Striping G		5	SP0907 Striping F	SP0908 Striping G	SP0909 Striping F
	6	SP0820 Striping G	SP1319 Striping F	SP1320 Striping G		6	SP1177 Striping F	SP1342 Striping G	SP1179 Striping F
c14		c14t1d0	c14t1d1	c14t1d2	c5		c5t2d3	c5t2d4	c5t2d5
	1	SP0100 Striping C	SP0101 Striping C	SP0102 Striping C		1	SP0103 Striping A	SP0104 Striping B	SP0105 Striping C
	3	SP0370 Striping C	SP0371 Striping C	SP0372 Striping C		3	SP0373 Striping A	SP0374 Striping B	SP0375 Striping C
	4	SP0640 Striping C	SP0641 Striping C	SP0642 Striping C		4	SP0643 Striping A	SP0644 Striping B	SP0645 Striping C
	5	SP0910 Striping G	SP0911 Striping F	SP0912 Striping G		5	SP0913 Striping F	SP0914 Striping G	SP0915 Striping F
	6	SP0856 Striping G	SP1181 Striping F	SP1182 Striping G		6	SP1345 Striping F	SP1184 Striping G	SP1185 Striping F
c65		c65t1d0	c65t1d1	c65t1d2	c51		c51t2d3	c51t2d4	c51t2d5
	1	SP0106 Striping C	SP0107 Striping C	SP0108 Striping C		1	SP0109 Striping A	SP0110 Striping B	SP0111 Striping C
	3	SP0376 Striping C	SP0377 Striping C	SP0378 Striping C		3	SP0379 Striping A	SP0380 Striping B	SP0381 Striping C
	4	SP0646 Striping C	SP0647 Striping C	SP0648 Striping C		4	SP0649 Striping A	SP0650 Striping B	SP0651 Striping C
	5	SP0916 Striping G	SP0917 Striping F	SP0918 Striping G		5	SP0919 Striping F	SP0920 Striping G	SP0921 Striping F
	6		SP1187 Striping F	SP1188 Striping G		6	SP0895 Striping F	SP1190 Striping G	SP1191 Striping F
c35		c35t1d0	c35t1d1	c35t1d2	c46		c46t2d3	c46t2d4	c46t2d5
	1	SP0112	SP0113	SP0114		1	SP0115	SP0116	SP0117

	3	Striping C SP0382	Striping C SP0383	Striping C SP0384		3	Striping A SP0385	Striping B SP0386	Striping C SP0387
	4	Striping C SP0652	Striping C SP0653	Striping C SP0654		4	Striping A SP0655	Striping B SP0656	Striping C SP0657
	5	Striping C SP0922	Striping C SP0923	Striping C SP0924		5	Striping A SP0925	Striping B SP0926	Striping C SP0927
	6	Striping G SP1192	Striping F SP1193	Striping G SP1194		6	Striping F SP1195	Striping G SP1196	Striping F SP1197
		Striping G	Striping F	Striping G			Striping F	Striping G	Striping F
c48		c48t1d0	c48t1d1	c48t1d2	c11		c11t2d3	c11t2d4	c11t2d5
	1	SP0118	SP0119	SP0120		1	SP0121	SP0122	SP0123
	3	Striping C SP0388	Striping C SP0389	Striping C SP0390		3	Striping A SP0391	Striping B SP0392	Striping C SP0393
	4	Striping C SP0658	Striping C SP0659	Striping C SP0660		4	Striping A SP0661	Striping B SP0662	Striping C SP0663
	5	Striping C	Striping C SP0929	Striping C SP0930		5	Striping A SP0931	Striping B SP0932	Striping C SP0933
	6		Striping F SP1199	Striping G SP1200		6	Striping F SP0829	Striping G SP1202	Striping F SP1203
			Striping F	Striping G			Striping F	Striping G	Striping F
c42		c42t1d0	c42t1d1	c42t1d2	c40		c40t2d3	c40t2d4	c40t2d5
	1	SP0124	SP0125	SP0126		1	SP0127	SP0128	SP0129
	3	Striping C SP0394	Striping C SP0395	Striping C SP0396		3	Striping A SP0397	Striping B SP0398	Striping C SP0399
	4	Striping C SP0664	Striping C SP0665	Striping C SP0666		4	Striping A SP0667	Striping B SP0668	Striping C SP0669
	5	Striping C SP0934	Striping C SP0935	Striping C SP0936		5	Striping A SP0937	Striping B SP0938	Striping C SP0939
	6	Striping G	Striping F SP1205	Striping G SP1206		6	Striping F SP0853	Striping G SP1208	Striping F SP1209
			Striping F	Striping G			Striping F	Striping G	Striping F
c49		c49t1d0	c49t1d1	c49t1d2	c25		c25t2d3	c25t2d4	c25t2d5
	1	SP0130	SP0131	SP0132		1	SP0133	SP0134	SP0135
	3	Striping C SP0400	Striping C SP0401	Striping C SP0402		3	Striping A SP0403	Striping B SP0404	Striping C SP0405
	4	Striping C SP0670	Striping C SP0671	Striping C SP0672		4	Striping A SP0673	Striping B SP0674	Striping C SP0675
	5	Striping C	Striping C SP0941	Striping C SP0942		5	Striping A SP0943	Striping B SP0944	Striping C SP0945
	6		Striping F SP1211	Striping G SP1212		6	Striping F SP0835	Striping G SP1214	Striping F SP1215
			Striping F	Striping G			Striping F	Striping G	Striping F
c52		c52t1d0	c52t1d1	c52t1d2	c47		c47t2d3	c47t2d4	c47t2d5
	1	SP0136	SP0137	SP0138		1	SP0139	SP0140	SP0141
	3	Striping C SP0406	Striping C SP0407	Striping C SP0408		3	Striping A SP0409	Striping B SP0410	Striping C SP0411
	4	Striping C SP0676	Striping C SP0677	Striping C SP0678		4	Striping A SP0679	Striping B SP0680	Striping C SP0681
	5	Striping C SP0946	Striping C SP0947	Striping C SP0948		5	Striping A SP0949	Striping B SP0950	Striping C SP0951

	6	Striping G	Striping F SP1217 Striping F	Striping G SP1218 Striping G		6	Striping F SP0883 Striping F	Striping G SP1220 Striping G	Striping F SP1221 Striping F
c57		c57t1d0	c57t1d1	c57t1d2	c59		c59t2d3	c59t2d4	c59t2d5
	1	SP0142 Striping C	SP0143 Striping C	SP0144 Striping C		1	SP0145 Striping A	SP0146 Striping B	SP0147 Striping C
	3	SP0412 Striping C	SP0413 Striping C	SP0414 Striping C		3	SP0415 Striping A	SP0416 Striping B	SP0417 Striping C
	4	SP0682 Striping C	SP0683 Striping C	SP0684 Striping C		4	SP0685 Striping A	SP0686 Striping B	SP0687 Striping C
	5	SP0952 Striping G	SP0953 Striping F	SP0954 Striping G		5	SP0955 Striping F	SP0956 Striping G	SP0957 Striping F
	6		SP1223 Striping F	SP1224 Striping G		6	SP1333 Striping F	SP1226 Striping G	SP1227 Striping F
c45		c45t1d0	c45t1d1	c45t1d2	c74		c74t2d3	c74t2d4	c74t2d5
	1	SP0148 Striping C	SP0149 Striping C	SP0150 Striping C		1	SP0151 Striping A	SP0152 Striping B	SP0153 Striping C
	3	SP0418 Striping C		SP0420 Striping C		3	SP0421 Striping A	SP0422 Striping B	SP0423 Striping C
	4	SP0688 Striping C	SP0689 Striping C	SP0690 Striping C		4	SP0691 Striping A	SP0692 Striping B	SP0693 Striping C
	5	SP0958 Striping G	SP0959 Striping F	SP0960 Striping G		5	SP0961 Striping F	SP0962 Striping G	SP0963 Striping F
	6		SP1229 Striping F	SP1230 Striping G		6	SP1231 Striping F	SP0878 Striping B	SP1233 Striping F
c32		c32t1d0	c32t1d1	c32t1d2	c71		c71t2d3	c71t2d4	c71t2d5
	1	SP0154 Striping C	SP0155 Striping C	SP0156 Striping C		1	SP0157 Striping A	SP0158 Striping B	SP0159 Striping C
	3	SP0424 Striping C	SP0425 Striping C	SP0426 Striping C		3	SP0427 Striping A	SP0428 Striping B	SP0429 Striping C
	4	SP0694 Striping C	SP0695 Striping C	SP0696 Striping C		4	SP0697 Striping A	SP0698 Striping B	SP0699 Striping C
	5	SP0964 Striping G	SP0965 Striping F	SP0966 Striping G		5	SP0967 Striping F	SP0968 Striping G	SP0969 Striping F
	6		SP1235 Striping F	SP1236 Striping G		6	SP0877 Striping A	SP1238 Striping G	SP1239 Striping F
c58		c58t1d0	c58t1d1	c58t1d2	c38		c38t2d3	c38t2d4	c38t2d5
	1	SP0160 Striping C	SP0161 Striping C	SP0162 Striping C		1	SP0163 Striping A	SP0164 Striping B	SP0165 Striping C
	3	SP0430 Striping C	SP0431 Striping C	SP0432 Striping C		3	SP0433 Striping A	SP0434 Striping B	SP0435 Striping C
	4	SP0700 Striping C	SP0701 Striping C	SP0702 Striping C		4	SP0703 Striping A	SP0704 Striping B	SP0705 Striping C
	5	SP0970 Striping G	SP0971 Striping F	SP0972 Striping G		5	SP0973 Striping F	SP0974 Striping G	SP0975 Striping F
	6	SP0874 Striping G	SP1241 Striping F	SP1242 Striping G		6	SP1243 Striping F		SP1245 Striping F
c67		c67t1d0	c67t1d1	c67t1d2	c66		c66t2d3	c66t2d4	c66t2d5
	1	SP0166 Striping C	SP0167 Striping C	SP0168 Striping C		1	SP0169 Striping A	SP0170 Striping B	SP0171 Striping C

	3	SP0436 Striping C	SP0437 Striping C	SP0438 Striping C		3	SP0439 Striping A	SP0440 Striping B	SP0441 Striping C
	4	SP0706 Striping C	SP0707 Striping C	SP0708 Striping C		4	SP0709 Striping A	SP0710 Striping B	SP0711 Striping C
	5	SP0976 Striping G	SP0977 Striping F	SP0978 Striping G		5	SP0979 Striping F	SP0980 Striping G	SP0981 Striping F
	6	SP0892 Striping C	SP1247 Striping F	SP1248 Striping G		6	SP0881 Striping A	SP1250 Striping G	SP1251 Striping F
c69		c69t1d0	c69t1d1	c69t1d2	c68		c68t2d3	c68t2d4	c68t2d5
	1	SP0172 Striping C	SP0173 Striping C	SP0174 Striping C		1	SP0175 Striping A	SP0176 Striping B	SP0177 Striping C
	3	SP0442 Striping C	SP0443 Striping C	SP0444 Striping C		3	SP0445 Striping A	SP0446 Striping B	SP0447 Striping C
	4	SP0712 Striping C	SP0713 Striping C	SP0714 Striping C		4	SP0715 Striping A	SP0716 Striping B	SP0717 Striping C
	5	SP0982 Striping G	SP0983 Striping F	SP0984 Striping G		5	SP0985 Striping F	SP0986 Striping G	SP0987 Striping F
	6	SP0886 Striping C	SP1253 Striping F	SP1254 Striping G		6	SP0893 Striping A	SP1256 Striping G	SP1257 Striping F
c26		c26t1d0	c26t1d1	c26t1d2	c22		c22t2d3	c22t2d4	c22t2d5
	1	SP0178 Striping C	SP0179 Striping C	SP0180 Striping C		1	SP0181 Striping A	SP0182 Striping B	SP0183 Striping C
	3	SP0448 Striping C	SP0449 Striping C	SP0450 Striping C		3	SP0451 Striping A	SP0452 Striping B	SP0453 Striping C
	4	SP0718 Striping C	SP0719 Striping C	SP0720 Striping C		4	SP0721 Striping A	SP0722 Striping B	SP0723 Striping C
	5	SP0988 Striping G	SP0989 Striping F	SP0990 Striping G		5	SP0991 Striping F	SP0992 Striping G	SP0993 Striping F
	6	SP0850 Striping C	SP1259 Striping F	SP1260 Striping G		6	SP0841 Striping A	SP1262 Striping G	SP1263 Striping F
c23		c23t1d0	c23t1d1	c23t1d2	c34		c34t2d3	c34t2d4	c34t2d5
	1	SP0184 Striping C	SP0185 Striping C	SP0186 Striping C		1	SP0187 Striping A	SP0188 Striping B	SP0189 Striping C
	3	SP0454 Striping C	SP0455 Striping C	SP0456 Striping C		3	SP0457 Striping A	SP0458 Striping B	SP0459 Striping C
	4	SP0724 Striping C	SP0725 Striping C	SP0726 Striping C		4	SP0727 Striping A	SP0728 Striping B	SP0729 Striping C
	5	SP0994 Striping G	SP0995 Striping F	SP0996 Striping G		5	SP0997 Striping F	SP0998 Striping G	SP0999 Striping F
	6	SP0838 Striping C	SP1265 Striping F	SP1266 Striping G		6	SP0859 Striping A	SP1268 Striping G	SP1269 Striping F
c21		c21t1d0	c21t1d1	c21t1d2	c15		c15t2d3	c15t2d4	c15t2d5
	1	SP0190 Striping C	SP0191 Striping C	SP0192 Striping C		1	SP0193 Striping A	SP0194 Striping B	SP0195 Striping C
	3	SP0460 Striping C	SP0461 Striping C	SP0462 Striping C		3	SP0463 Striping A	SP0464 Striping B	SP0465 Striping C
	4	SP0730 Striping C	SP0731 Striping C	SP0732 Striping C		4	SP0733 Striping A	SP0734 Striping B	SP0735 Striping C
	5	SP1000 Striping G	SP1001 Striping F	SP1002 Striping G		5	SP1003 Striping F	SP1004 Striping G	SP1005 Striping F

	6	SP0862 Striping C	SP1271 Striping F	SP1272 Striping G		6	SP0823 Striping A	SP1274 Striping G	SP1275 Striping F
c78		c78t1d0	c78t1d1	c78t1d2	c79		c79t2d3	c79t2d4	c79t2d5
	1	SP0196 Striping C	SP0197 Striping C	SP0198 Striping C		1	SP0199 Striping A	SP0200 Striping B	SP0201 Striping C
	3	SP0466 Striping C	SP0467 Striping C	SP0468 Striping C		3	SP0469 Striping A	SP0470 Striping B	SP0471 Striping C
	4	SP0736 Striping C	SP0737 Striping C	SP0738 Striping C		4	SP0739 Striping A	SP0740 Striping B	SP0741 Striping C
	5	SP1006 Striping G	SP1007 Striping F	SP1008 Striping G		5	SP1009 Striping F	SP1010 Striping G	SP1011 Striping F
	6	SP0890 Striping C	SP1277 Striping F	SP1278 Striping G		6	SP0865 Striping A	SP1280 Striping G	SP1281 Striping F
c80		c80t1d0	c80t1d1	c80t1d2	c81		c81t2d3	c81t2d4	c81t2d5
	1	SP0202 Striping C	SP0203 Striping C	SP0204 Striping C		1	SP0205 Striping A	SP0206 Striping B	SP0207 Striping C
	3	SP0472 Striping C	SP0473 Striping C	SP0474 Striping C		3	SP0475 Striping A	SP0476 Striping B	SP0477 Striping C
	4	SP0742 Striping C	SP0743 Striping C	SP0744 Striping C		4	SP0745 Striping A	SP0746 Striping B	SP0747 Striping C
	5	SP1012 Striping G	SP1013 Striping F	SP1014 Striping G		5	SP1015 Striping F	SP1016 Striping G	SP1017 Striping F
	6	SP0866 Striping C	SP1283 Striping F	SP1284 Striping G		6	SP0871 Striping A	SP1286 Striping G	SP1287 Striping F
c82		c82t1d0	c82t1d1	c82t1d2	c83		c83t2d3	c83t2d4	c83t2d5
	1	SP0208 Striping C	SP0209 Striping C	SP0210 Striping C		1	SP0211 Striping A	SP0212 Striping B	SP0213 Striping C
	3	SP0478 Striping C	SP0479 Striping C	SP0480 Striping C		3	SP0481 Striping A	SP0482 Striping B	SP0483 Striping C
	4	SP0748 Striping C	SP0749 Striping C	SP0750 Striping C		4	SP0751 Striping A	SP0752 Striping B	SP0753 Striping C
	5	SP1018 Striping G	SP1019 Striping F	SP1020 Striping G		5	SP1021 Striping F	SP1022 Striping G	SP1023 Striping F
	6	SP0872 Striping C	SP1289 Striping F	SP1290 Striping G		6	SP1291 Striping F	SP1292 Striping G	SP1343 Striping F
c85		c85t1d0	c85t1d1	c85t1d2	c84		c84t2d3	c84t2d4	c84t2d5
	1	SP0217 Striping A	SP0218 Striping B	SP0219 Striping C		1	SP0214 Striping C	SP0215 Striping C	SP0216 Striping C
	3	SP0487 Striping A	SP0488 Striping B	SP0489 Striping C		3	SP0484 Striping C	SP0485 Striping C	SP0486 Striping C
	4	SP0757 Striping A	SP0758 Striping B	SP0759 Striping C		4	SP0754 Striping C	SP0755 Striping C	SP0756 Striping C
	5	SP1027 Striping F	SP1028 Striping G	SP1029 Striping F		5	SP1024 Striping G	SP1025 Striping F	SP1026 Striping G
	6	SP1297 Striping F	SP1346 Striping G	SP1299 Striping F		6	SP1340 Striping G	SP1295 Striping F	SP1296 Striping G
c86		c86t1d0	c86t1d1	c86t1d2	c87		c87t2d3	c87t2d4	c87t2d5
	1	SP0220 Striping C	SP0221 Striping C	SP0222 Striping C		1	SP0223 Striping A	SP0224 Striping B	SP0225 Striping C
	3	SP0490	SP0491	SP0492		3	SP0493	SP0494	SP0495

	4	Striping C SP0760	Striping C SP0761	Striping C SP0762		4	Striping A SP0763	Striping B SP0764	Striping C SP0765
	5	Striping C SP1030	Striping C SP1031	Striping C SP1032		5	Striping A SP1033	Striping B SP1034	Striping C SP1035
	6	Striping G SP0868	Striping F SP1301	Striping G SP1302		6	Striping F SP1303	Striping G SP0884	Striping F SP1305
		Striping C	Striping F	Striping G			Striping F	Striping B	Striping F
c88		c88t1d0	c88t1d1	c88t1d2	c89		c89t2d3	c89t2d4	c89t2d5
	1	SP0226	SP0227	SP0228		1	SP0229	SP0230	SP0231
	3	Striping C	Striping C	Striping C		3	Striping A	Striping B	Striping C
	4	SP0766	SP0767	SP0768		4	Striping A	Striping B	Striping C
	5	Striping C	Striping C	Striping C		5	Striping A	Striping B	Striping C
	6	SP1036	SP1037	SP1038		6	Striping F	Striping G	Striping F
		Striping G	Striping F	Striping G			Striping F	Striping G	Striping F
		SP0880	SP1307	SP1308			Striping F	Striping G	Striping F
		Striping C	Striping F	Striping G			Striping F	Striping G	Striping F
c90		c90t1d0	c90t1d1	c90t1d2	c91		c91t2d3	c91t2d4	c91t2d5
	1	SP0232	SP0233	SP0234		1	SP0235	SP0236	SP0237
	3	Striping C	Striping C	Striping C		3	Striping A	Striping B	Striping C
	4	SP0502	SP0503	SP0504		4	Striping A	Striping B	Striping C
	5	Striping C	Striping C	Striping C		5	Striping A	Striping B	Striping C
	6	SP0772	SP0773	SP0774		6	Striping F	Striping G	Striping F
		Striping C	Striping C	Striping C			Striping F	Striping G	Striping F
		SP1042	SP1043	SP1044			Striping F	Striping G	Striping F
		Striping G	Striping F	Striping G			Striping F	Striping G	Striping F
		SP0898	SP1313	SP1314			Striping F	Striping G	Striping F
		Striping C	Striping F	Striping G			Striping F	Striping G	Striping F
c17		c17t1d0	c17t1d1	c17t1d2	c29		c29t2d3	c29t2d4	c29t2d5
	1	SP0241	SP0242	SP0243		1	SP0253	SP0254	SP0255
	3	Striping A	Striping B	Striping C		3	Striping C	Striping C	Striping C
	4	SP0511	SP0512	SP0513		4	Striping C	Striping C	Striping C
	5	Striping A	Striping B	Striping C		5	Striping C	Striping C	Striping C
	6	SP0781	SP0782	SP0783		6	Striping F	Striping G	Striping F
		Striping A	Striping B	Striping C			Striping F	Striping G	Striping F
		SP1051	SP1052	SP1053			Striping F	Striping G	Striping F
		Striping F	Striping G	Striping F			Striping F	Striping G	Striping F
		SP0817	SP1322	SP1323			Striping F	Striping G	Striping F
		Striping A	Striping G	Striping F			Striping F	Striping G	Striping F
c7		c7t1d0	c7t1d1	c7t1d2	c4		c4t2d3	c4t2d4	c4t2d5
	1	SP0256	SP0257	SP0258		1	SP0244	SP0245	SP0246
	3	Striping A	Striping B	Striping C		3	Striping C	Striping C	Striping C
	4	SP0526	SP0527	SP0528		4	Striping C	Striping C	Striping C
	5	Striping A	Striping B	Striping C		5	Striping C	Striping C	Striping C
	6	SP0796	SP0797	SP0798		6	Striping F	Striping G	Striping F
		Striping A	Striping B	Striping C			Striping F	Striping G	Striping F
		SP1066	SP1067	SP1068			Striping F	Striping G	Striping F
		Striping F	Striping G	Striping F			Striping F	Striping G	Striping F
		SP1310	SP1337	SP1338			Striping F	Striping G	Striping F

	Striping F	Striping G	Striping F		Striping C	Striping G	Striping F
c18	c18t1d0	c18t1d1	c18t1d2	c20	c20t2d3	c20t2d4	c20t2d5
	1 SP0247 Striping A	SP0248 Striping B	SP0249 Striping C		1 SP0250 Striping C	SP0251 Striping C	SP0252 Striping C
	3 SP0517 Striping A	SP0518 Striping B	SP0519 Striping C		3 SP0520 Striping C	SP0521 Striping C	SP0522 Striping C
	4 SP0787 Striping A	SP0788 Striping B	SP0789 Striping C		4 SP0790 Striping C	SP0791 Striping C	SP0792 Striping C
	5 SP1057 Striping F	SP1058 Striping G	SP1059 Striping F		5 SP1060 Striping F	SP1061 Striping G	SP1062 Striping F
	6 SP0847 Striping F	SP1328 Striping G	SP1329 Striping F		6 SP0844 Striping C	SP1331 Striping G	SP1332 Striping F
c92	c92t1d0	c92t1d1	c92t1d2	c93	c93t2d3	c93t2d4	c93t2d5
	1 SP0259 Striping A	SP0260 Striping B	SP0261 Striping C		1 SP0262 Striping C	SP0263 Striping C	SP0264 Striping C
	3 SP0529 Striping A	SP0530 Striping B	SP0531 Striping C		3 SP0532 Striping C	SP0533 Striping C	SP0534 Striping C
	4 SP0799 Striping A	SP0800 Striping B	SP0801 Striping C		4 SP0802 Striping C	SP0803 Striping C	SP0804 Striping C
	5 SP1069 Striping F	SP1070 Striping G	SP1071 Striping F		5 SP1072 Striping F	SP1073 Striping G	SP1074 Striping F
	6 SP1339 Striping F	SP1294 Striping G	SP1341 Striping F		6 SP1178 Striping F	SP1293 Striping G	SP1344 Striping F
c94	c94t1d0	c94t1d1	c94t1d2	c95	c95t2d3	c95t2d4	c95t2d5
	1 SP0265 Striping A	SP0266 Striping B	SP0267 Striping C		1 SP0268 Striping C	SP0269 Striping C	SP0270 Striping C
	3 SP0535 Striping A	SP0536 Striping B	SP0537 Striping C		3 SP0538 Striping C	SP0539 Striping C	SP0540 Striping C
	4 SP0805 Striping A	SP0806 Striping B	SP0807 Striping C		4 SP0808 Striping C	SP0809 Striping C	SP0810 Striping C
	5 SP1075 Striping F	SP1076 Striping G	SP1077 Striping F		5 SP1078 Striping F	SP1079 Striping G	SP1080 Striping F
	6 SP1183 Striping F	SP1298 Striping G	SP1347 Striping F		6 SP1316 Striping F	SP1349 Striping G	SP1350 Striping F
c61	c61t1d0	c61t1d1	c61t1d2				
	1 SP0654 Striping B						
	3 SP0496 Striping C						
	4						
	5						
	6 SP1244 Striping G						

Striping A		size(KB)
WAREHOUSE	PRIME	4097
	OVERFLOW	17
STOCK	PRIME	256004
NEWORDER	PRIME	14352
	OVERFLOW	501
	PRIME	14352
	OVERFLOW	501
NEWORDER_IX	INDEX	256
	BASE	5216
	INDEX	256
	BASE	5216
ORDERS	PRIME	30536
	OVERFLOW	331
	PRIME	30536
	OVERFLOW	331
ORDERS_IX	INDEX	1024
	BASE	14160
	INDEX	1024
	BASE	14160
HISTORY	DATA	32444
	DATA	32444
CUSTOMER	PRIME	330001
	OVERFLOW	16501
	PRIME	330001
	OVERFLOW	16501
CUSTOMER_IX	INDEX	224
	BASE	10112
	INDEX	224
	BASE	10112
ORDERLINE	PRIME	440256
	OVERFLOW	17600
	PRIME	440256
	OVERFLOW	17600
total		2087156

Striping B		size(KB)
DISTRICT	PRIME	1761
	OVERFLOW	58
STOCK	PRIME	256000
NEWORDER	PRIME	14352
	OVERFLOW	501
	PRIME	14352
	OVERFLOW	501
NEWORDER_IX	INDEX	256
	BASE	5216
	INDEX	256
	BASE	5216
ORDERS	PRIME	30536
	OVERFLOW	331
	PRIME	30536
	OVERFLOW	331
ORDERS_IX	INDEX	1024
	BASE	14160
	INDEX	1024
	BASE	14160
HISTORY	DATA	32444
	DATA	32444
CUSTOMER	PRIME	330001
	OVERFLOW	16501
	PRIME	330001
	OVERFLOW	16501
CUSTOMER_IX	INDEX	224
	BASE	10112
	INDEX	224
	BASE	10112
ORDERLINE	PRIME	440256
	OVERFLOW	17600
	PRIME	440256
	OVERFLOW	17600
total		2084847

Striping C		size(KB)
STOCK	PRIME	256004
NEWORDER	PRIME	14352
	OVERFLOW	501
	PRIME	14352
NEWORDER_IX	OVERFLOW	501
	INDEX	256
	BASE	5216
ORDERS	INDEX	256
	BASE	5216
	PRIME	30536
ORDERS_IX	OVERFLOW	331
	PRIME	30536
	OVERFLOW	331
HISTORY	INDEX	1024
	BASE	14160
	INDEX	1024
CUSTOMER	BASE	14160
	PRIME	30536
	OVERFLOW	331
HISTORY	DATA	32444
	DATA	32444
CUSTOMER_IX	PRIME	330001
	OVERFLOW	16501
	PRIME	330001
	OVERFLOW	16501
ORDERLINE	INDEX	224
	BASE	10112
	INDEX	224
	BASE	10112
total	PRIME	440256
	OVERFLOW	17600
	PRIME	440256
	OVERFLOW	17600
total		2083032

Striping D		size(KB)
STOCK	PRIME	544000
	OVERFLOW	80065
	PRIME	544000
ITEM	PRIME	14287
total		1168065

Striping E		size(KB)
STOCK	PRIME	544000
	PRIME	544000
	OVERFLOW	80065
ITEM	OVERFLOW	716
total		1168065

Striping F		size(KB)
STOCK	PRIME	544000
	OVERFLOW	80065
	PRIME	544000
total		1168065

Striping G		size(KB)
STOCK	PRIME	544000
	PRIME	80065
	OVERFLOW	544000
total		1168065

Appendix H: Price Quotes



THE ECOMMERCE TRANSACTION PLATFORM

March 13, 2001

FUJITSU LIMITED
Tokyo, Japan

Gentlemen:

Per your request I am enclosing the pricing information regarding TUXEDO 6.5 that you requested. This pricing applies to Tuxedo 6.1, 6.2, 6.3, 6.4 and 6.5, and 7.1. Please note that Tuxedo 7.1 is our most recent version of Tuxedo but that all 6.x releases are generally available. Core functionality services pricing is appropriate for your activities. As per the table below, Fujitsu server systems are classified in one of 5 tiers based on CPU type and capacity.

This pricing quotation will be valid through May 12, 2001.

Tuxedo Core Functionality Services (CFS) Program Product Pricing and Description

TUX-CFS provides a basic level of middleware support for distributed computing, and is best used by organizations with substantial resources and knowledge for advanced distributed computing implementations.

TUX-CFS prices are server only and are based on the overall performance characteristics of the server and uses the same five tier computer classification as TUXEDO 6.x and TUXEDO 7.x. Prices range from \$3,000 for Tier 1 to \$250,000 for Tier 5. Under this pricing option EVERY system running TUX-CFS at the user site must have a TUXEDO license installed and pay the appropriate per server license fees.

BEA Tux/CFS Version 6.x/7.x Unlimited User License Fees Per Server

Unlimited User License fees per server	Number of Users	Dollar Amount	Maintenance (5 x 8) per year	Maintenance (7 x 24) per year
Tier 1 – PC Servers with 1 or 2 CPUs, entry level RISC Uni-processor workstations and servers	Unlimited	\$3,000.00	\$480.00	\$890.00
Tier 2 – PC Servers with 3 or 4 CPUs, Midrange RISC Uni-processor servers and workstations	Unlimited	\$12,000.00	\$1,920.00	\$2,760.00
Tier 3 – Midrange Multiprocessors, up to 8 CPUs per system capacity	Unlimited	\$30,000.00	\$4,800.00	\$6,900.00
Tier 4 – Large (more than 8, less than 32 CPUs) and Mainframe Systems	Unlimited	\$100,000.00	\$16,000.00	\$23,000.00
Tier 5 – Massively Parallel Systems, > 32 processors, All Mainframes	Unlimited	\$250,000.00	\$40,000.00	\$57,500.00

12/18/00

BEA SYSTEMS, INC.

Intel based server tier classifications:

Platform	Operating System	Tier 1	Tier 1	Tier 2	Tier 3	Tier 3
		Class 1	Class 2	Class 3	Class 4	Class 5
Intel 386/486/Pentium/Pentium Pro PCs	SCO UNIX 3.2.2 and 3.2.4 SCO ODT 2.x,3.x Solaris x86 2.X UnixWare, Windows NT	All 386/486 PCs are Class 1	ALL Pentium, Pentium Pro & Pentium II PCs with 1 or 2 CPUs are Class 2/Tier 1	ALL Pentium, Pentium Pro & Pentium PCs with 3 or 4 CPUs are Class 3/Tier 2		ALL Pentium, Pentium Pro & Pentium PCs with 5,6,7, or 8 CPUs are Class 5/Tier 3

Sun Microsystems Server Tier classifications

Tier 1	Tier 2	Tier 3	Tier 3	Tier 4	Tier 5
Class 2	Class 3	Class 4	Class 5	Class 6	Class 7
X-Item-Intel 1 Station 5/85 Station 4 Station 20/50 Station 20/51 Station 20/61 Ultra 1 140/170 Server 470 Server 5/70 Server 20/50 Server 20/51 Server 20/51 Ultra 2 Desktop Ultra 5, 55 Ultra 10, 10S Enterprise 1 & 150	Server 5/85 Station 20/71 Server 20/71 Enterprise 220R Enterprise 250 Enterprise 2 - 2100, 2200 Ultra 60	Station 20/502 MP 20/612 MP 20/514 MP 20/5111 20/712 MP Server 1000 Server 1000E Server 20/502 Server 20/712 Server 20/612 Server 20/514 Enterprise 2 - 2300 Enterprise 420R	Enterprise 450 SparcCenter 1000 Enterprise 3000 & 3500 Enterprise 4000, 4500, 5000 & 5500 < 8 proc.	SparcCenter 2000 SparcCenter 2000E Enterprise 4000, 4500, 5000 & 5500 Between 8 and 32 proc. Enterprise 6000 & 6500 Between 8 and 32 proc. CR56400 (< 32 proc.)	CR56400 (≥32 proc.) Enterprise 6000 & 6500 (≥32 proc.) Enterprise 10000

Very Truly Yours,



Robert J. Gieringer
Worldwide Pricing Manager

Date: 03/07/01

Quote No.: 27123

Quoted To: Accounts Payable
 Amdahl Corporation-HMCIF
 Amdahl Corporation-HMCIF
 P.O. Box 3470 MS 112
 Sunnyvale, CA 94088-3470

Customer No: 118
 Phone No. (408)746-6000
 Page: 1

Salesperson: # 8- DIANA

Item Description	Qty	Unit Price	Amount
SPECIAL ORDER CISCO CATALYST 2924MXL 10/100 24PORTS 2 SLOT SWITCH PN: WS-C2924M-XL-EN	1	1838.00	1838.00 T
SPECIAL ORDER CISCO MAINTENANCE 1YR ONSITE 4HR 24X7 PACKAGE SMARTNET CAT# PN: CON-SNTP-PKG4	5	430.00	2150.00 T
*****	0	0.00	0.00
SPECIAL ORDER MS OPEN LIC. VISUAL C++ PRO V6.0. PN:048-00426 * Requires min. 5 copies	1	395.00	395.00 T
SPECIAL ORDER MS VISUAL C++ MEDIA KIT PN: 048-00336	1	29.00	29.00 T
SPECIAL ORDER MS UPG VC++ PRO BUS-5.0 UPG-ADV 2YRS PN: 048-00455	1	209.00	209.00 T
*****	0	0.00	0.00
SPECIAL ORDER MS OPEN WINDOWS 2000 SERVER PN: C11-00821	1	710.00	710.00 T
SPECIAL ORDER MS WINDOWS 2000 MEDIA KIT PN: C11-00049	1	28.00	28.00 T
SPECIAL ORDER MS OPEN UPG ADV W2K SERVER 2YR PN: C11-00826	1	480.00	480.00 T

(Continued on Next Page ...)

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** ** ** *****
** ** ** ** ** ** E.C.W. Enterprise, Inc. 740 North Mary Avenue
***** ** ** ** dba/HiQ Computer Systems Sunnyvale, CA, 94086
** ** ** ** ** TEL: 408/245-5836
** ** ** ***** FAX: 408/245-3108
  
```

Date: 03/07/01

Quote No.: 27123

Quoted To: Accounts Payable
 Amdahl Corporation-HMCIIF
 Amdahl Corporation-HMCIIF
 P.O. Box 3470 MS 112
 Sunnyvale, CA 94088-3470

Customer No: 118
 Phone No: (408)746-6000
 Page: 2

Salesperson: # 8- DIANA

Item Description	Qty	Unit Price	Amount
SPECIAL ORDER MS OPEN WINDOWS 2000 CAL PN: C78-00480	36	30.00	1080.00 T
SPECIAL ORDER MS OPEN W2K ADV UPG CAL 2YR PN: C78-00489	36	20.00	720.00 T

Date: 03/15/01

Quote No.: 27163

Quoted To: Accounts Payable
 Amdahl Corporation-HMCIIF
 746-6000
 Amdahl Corporation-HMCIIF
 P.O. Box 3470 MS 112
 Sunnyvale, CA 94088-3470

Customer No: 118
 Phone No: (408)
 Page: 1

Salesperson: # 8- DIANA

Item Description	Qty	Unit Price	Amount
SPECIAL ORDER COMPEX MICROHUB T01000SC8 SPORTS 10BT ENET HUB PN: TP1008C-110V	26000	35.00	35000.00 T

Sub-Total: 35000.00
 Shipping: 0.00
 Tax [8]: 2800.00 *

Quote Total: 37800.00

Quotation For: Fujitsu Technology Solutions, Inc. 1250 E. Arques Avenue Sunnyvale, CA 94088 Attention: Kaz Miyamoto (408-992-3270) Date: March 16, 2001 Note: This quote is valid for 90 days.							
Order Number	Description	Quantity	Third Party	Unit Price	Extended Price	Maintenance rate/unit	4 Years Maintenance (*)
DF400-RK	Basic style of Rackmount	56	1	31,700.00	1,775,200.00	10,560.00	591,360.00
DF-F400-A5F18	Canister Unit of 17.8GB Drive 10,000rpm	1678	1	609.00	1,021,902.00		
DF-F400-C32S	32MB Cache Unit	112	1	140.00	15,680.00		
DF-F400-F1C	Control Unit	56	1	3,900.00	218,400.00		
DF-F400-B1CC	Power Unit of Control Unit	112	1	640.00	71,680.00		
DF-F400-B1CD	Power Unit of Disk Drive	112	1	640.00	71,680.00		
DF-F400-U4J	Rack Frame for RK	28	1	12,106.00	338,968.00		
DF-F400-URHP4	Rail for 19" Rack	28	1	950.00	26,600.00		
DF500-RK	Basic style of Rackmount	3	1	20,307.31	60,921.93	6,232.00	18,696.00
DF500-RKA	Additional style of Rackmount	27	1	12,832.27	346,471.29	2,800.00	75,600.00
DF-F500-AAH18	Canister unit of 17.8GB Drive 15,000rpm	300	1	1,260.00	378,000.00		
DF-F500-C256	256MB Cache unit	6	1	2,752.37	16,514.22		
DF-F500-F1F	Control unit	3	1	7,867.63	23,602.89		
DF-F500-U6	Rack for DF500-RK	3	1	6,053.00	18,159.00		
DF-F500-URHT5	Rail for 19" Rack (U6)	30	1	475.00	14,250.00		
	(*) standard warranty covers the systems for 12 months						
Prepared By: Tito Ocon (408-970-7884) OEM Business Unit Hitachi Data Systems Corporation 750 Central Expressway Santa Clara, CA 95050-2627							

Appendix I: Auditor's attestation letter



Benchmark Sponsor: Makoto Katoh
 Director, Performance Engineering Dept.
 Server Software Division II
 Computer Systems Group
 Fujitsu Limited
 3-9-18 Shinyokohama
 Kohoku-ku, Yokohama 222-0033, Japan

April 10, 2001

I verified the TPC Benchmark™ C performance of the following Client Server configuration:

Platform: **Fujitsu PRIMEPOWER 2000 c/s**
 Operating system: **Solaris 8**
 Database Manager: **SymfoWARE Server Enterprise Edition for VLM 3.0**
 Transaction Manager: **BEA Tuxedo 6.5 CFS**

The results were:

CPU's Speed	Memory	Disks	NewOrder 90% Response Time	tpmC
Server: Fujitsu PRIMEPOWER 2000				
48 x SPARC64 GP (563 MHz)	128 GB Main 8 MB L2-cache/cpu	8 x 9 GB 10k Int. 12 x 18 GB 10k Int. 84 x 18 GB 15k Ext. 1260 x 9 GB 10k Ext. 90 x 18 GB 10k Ext.	4.00 Seconds	222,772.33
Twenty-eight (28) Clients: GRANPOWER 5000-280 (Specification for each)				
2 x Pentium III (550 MHz)	640 MB Main 512 KB L2-cache/cpu	1 x 9 GB	n/a	n/a
Four (4) Clients: PRIMERGY ES320 (Specification for each)				
2 x Pentium III (800 MHz)	768 MB Main 256 KB L2-cache/cpu	1 x 9 GB	n/a	n/a

In my opinion, these performance results were produced in compliance with the TPC's requirements for the benchmark. The following verification items were given special attention:

- The database records were the proper size

- The database was properly scaled and populated
- The required ACID properties were met
- The transactions were correctly implemented
- Input data was generated according to the specified percentages
- The transaction cycle times included the required keying and think times
- The reported response times were correctly measured.
- All 90% response times were under the specified maximums
- At least 90% of all delivery transactions met the 80 Second completion time limit
- The reported measurement interval was 30 minutes (1800 seconds)
- The reported measurement interval was representative of steady state conditions
- One checkpoint was taken during the reported measurement interval
- The repeatability of the measured performance was verified
- The 60 day storage requirement was correctly computed
- The system pricing was verified for major components and maintenance

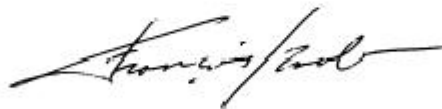
Additional Audit Notes:

The measured system included (1260) 9GB disks at 10Krpm that were substituted by (1260) 18GB disks at 10Krpm in the priced configuration. Based on the specifications of these disks and on additional performance data collected on these disks during the measurement, it is my opinion that this substitution does not have a material effect on the reported performance.

The measured configuration included 28 GRANPOWER 5000 Model 280 that were substituted by 28 PRIMERGY ES320. Based on the specifications of these clients and on additional performance data collected during the measurement, it is my opinion that this substitution does not have a material effect on the reported performance.

This benchmark was originally conducted in March 2001 under the TPC-C Version 3. It is now upgraded to TPC-C Version 5 in accordance with the rules defined by the TPC.

Respectfully Yours,



François Raab
President