Easy OPAC enhancements

(including some bits for MetaLib)

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The aim of this presentation is to highlight some easy enhancements which we can all make to our Aleph OPACs. Some of these suggestions are well-known, but some less so.

Missing links

- Link to full record from search results

First we look at "missing links". There are several places in the Aleph OPAC where it would be helpful to have links and where none are present. In many cases we can add them easily.

Records 1 – 10 of 24 (maximum display and sort is 1000 records) | Jump to Tex |

#		Author	Format	Title	Year	Lib/Items
1	☐	Flynt, John P.	Electronic resource	Perl power! : the comprehensive guide /	2006.	
2	☐	Friedl, Jeffrey E. F.	Text	Mastering regular expressions / 3rd ed.	2006.	Location
3	☐	Oualline, Steve.	Electronic resource	Wicked cool Perl scripts : useful Perl scripts that solve difficult problems /	c2006.	
4	☐	University of Teesside. School of Computing	Video (DVD)	Animex 2006 awards : highlights: a celebration of student animation worldwide.	2006.	Location
5	☐	Begg, Rezaul.	Electronic resource	Computational intelligence for movement sciences : neural networks and other emerging techniques /	c2006.	
6	☐	Cozens, Simon	Text	Advanced Perl programming / 2nd ed.	2005 .	Location
7	☐	Dwyer, Rex A.	Electronic resource	Genomic Perl : from bioinformatics basics to working code /	2003.	
8	☐	Lee, Eugene E., 1924–	Electronic resource	The integrity gap : Canada's environmental policy and institutions /	2003.	

The default Aleph OPAC has a small, easily missed, link to the full record display. We want a link from the title.

3

short-a-body

Replace `<td class=td1 $2500 width="30%" valign=top>$0500</td>`
with

```
<td class=td1 $2500 width="30%" valign=top>
   <script language="javascript">
    var recordLink="$0100";
    recordLink = recordLink.substring(0, recordLink.indexOf(">"));
    document.write(recordLink);
    document.write(">");
   </script>$0500
   <script language="javascript">
    document.write("</a>");
   </script>
 </td>
```

This is all we need. You may need to adjust the placeholder numbers if your title display is not in column 5 of the short results table. The JavaScript takes the placeholder for column 1, the number with link, and extracts the URL from it. This is then wrapped round the title. It is all done in such a way that if the user has no JavaScript support the title will still appear.

Records 1 – 10 of 24 (maximum display and sort is 1000 records)   Jump to Tex

short-a-body

Replace `<td class=td1 $2500 width="30%" valign=top>$0500</td>`
with

Results for Words= perl; Sorted by: Year (descending)/Author
Records 1 – 10 of 24 (maximum display and sort is 1000 records)

Jump to # [   ]   ◄ Previous Page   Next Page ►

#		Author	Format	Title	Year	Lib/Items
1	☐	Gilbert, Richard,	Book and e-book	Transport revolutions : moving people and freight without oil /	2007.	Location
2	☐	Flynt, John P.	Electronic resource	Perl power! : the comprehensive guide /	2006.	
3	☐	Friedl, Jeffrey E. F.	Text	Mastering regular expressions / 3rd ed.	2006.	Location
4	☐	Oualline, Steve.	Electronic resource	Wicked cool Perl scripts : useful Perl scripts that solve difficult problems /	c2006.	
5	☐	University of Teesside. School of Computing	Video (DVD)	Animex 2006 awards : highlights: a celebration of student animation worldwide.	2006.	Location
6	☐	Cozens, Simon	Text	Advanced Perl programming / 2nd ed.	2005 .	Location
7	☐	Dwyer, Rex A.	Electronic resource	Genomic Perl : from bioinformatics basics to working code /	2003.	
8	☐	Lee, Eugene E., 1924–	Electronic resource	The integrity gap : Canada's environmental policy and institutions /	2003.	

And here is the result! Much better. This enhancement is very well-known, and was in fact recommended to us by someone from Ex Libris. When will the OPAC be anhanced to avoid having to use JavaScript for this purpose?

Missing links

- Link to full record from search results
- Links in My Library Card to expanded information

There is a similar situation in My Library Card.

Loan history list for : PHILLIPS, MATTHEW E (Panini20)

63 loans out of a total of 63 loans are listed.

For more details about a loan, click on the underlined number.

No.	Author	Title	Year	Due date	Due hour	Returned date	Return hour
1	Palmer, Martin	Making the most of RFID in libraries. /	2009	25/08/2009	23:59	07/08/2009	16:52
2	Rolt, L. T. C. (Lionel Thomas Caswall), 1910–1974	Thomas Telford /	1958	10/08/2009	23:59	20/07/2009	12:58
3	Manning, Olivia	The Balkan trilogy /	1998	24/06/2009	23:59	08/06/2009	08:57
4	Lawrence, D. H. (David Herbert), 1885–1930	Women in love /	1995	29/05/2009	23:59	20/05/2009	16:59
5	Dickens, Charles, 1812–1870	[Works. Complete edition].	1908	29/05/2009	23:59	20/05/2009	16:59
6	Wall, Larry	Programming Perl. /	2000	06/05/2009	23:59	07/05/2009	10:05

Small links from the numbers to the expanded information.

Loan history list for : PHILLIPS, MATTHEW E (Panini20)

bor-history-loan-body

Replace `<td class=td1 valign=top>$0200</td>`
with

```
 <td class=td1 valign=top>
   <script language="javascript">
    var recordLink="$0100";
    recordLink = recordLink.substring(0, recordLink.indexOf(">"));
    document.write(recordLink);
    document.write(">");
   </script>$0200
   <script language="javascript">
    document.write("</a>");
   </script>
 </td>
```

A very similar piece of JavaScript.

Loan history list for : PHILLIPS, MATTHEW E (Panini20)

bor-history-loan-body

Replace `<td class=td1 valign=top>$0200</td>`

with

```
<td class
   <script
   var re
   record
   docun
   docun
   </script
   <script
   docun
   </scrip
</td>
```

Loan history list for : PHILLIPS, MATTHEW E (Panini20)

63 loans out of a total of 63 loans are listed.

For more details about a loan, click on the underlined number.

No.	Author	Title	Year	Due date	Due hour	Ret d
1	Palmer, Martin	Making the most of RFID in libraries. /	2009	25/08/2009	23:59	07/08
2	Rolt, L. T. C. (Lionel Thomas Caswall), 1910–1974	Thomas Telford /	1958	10/08/2009	23:59	20/07
3	Manning, Olivia	The Balkan trilogy /	1998	24/06/2009	23:59	08/06
4	Lawrence, D. H. (David Herbert), 1885–1930	Women in love /	1995	29/05/2009	23:59	20/05
5	Dickens, Charles, 1812–1870	[Works. Complete edition].	1908	29/05/2009	23:59	20/05
6	Wall, Larry	Programming Perl. /	2000	06/05/2009	23:59	07/05

And here is the result. It is much clearer to the user that there are links to more information. There are several other screens in My Library Card which can benefit the same way.

Missing links

- Link to full record from search results
- Links in My Library Card to expanded information
- Links back to catalogue from expanded screens

Details for history loan no. 2

Loan date:	18/06/2009
Due date:	10/08/2009
Last renewal date:	13/07/2009
Number of Renewals:	1
Returned date:	20/07/2009
Fine:	

Loaned Item Details

View item in catalogue

Sublibrary:	Remote Store 1 (Solum)
Collection:	DOJ (Solum Store)
Location:	625.7 ROL
Description:	
Item Status:	4 week loan
Barcode:	38054000036049

Back

This is what our expanded information for a loan history item looks like. We have added a link (via the barcode index) to take you back to a catalogue search for the item you borrowed. This is handy if the user is wanting to place a hold request for something he/she had borrowed before.

Details for history loan no. 2

Loan date:
Due date:
Last renewal
Number of R
Returned dat
Fine:

Loaned It

View item in

Sublibrary:
Collection:
Location:
Description:
Item Status:
Barcode: 38054000036049

Back

bor-history-loan-exp-1
```html
<h1>
Loaned Item Details
</h1>

<p>
   <a href="&server_f?func=find-
b&request=$1700&local_base=DUN01&find_co
de=BAR">
      View item in catalogue
   </a>
</p>
```

This time no Javascript is required: even better!

Details for history loan no. 2

Loan date:
Due date:
Last renewal
Number of R
Returned dat
Fine:

Loaned It

View item i

bor-history-loan-exp-1
<h1>
Loaned Item Details
</h1>

<p>
    <a href="&server_f?func=find-b&request=$1700&local_base=DUN01&find_code=BAR">

Whole set: Select All | Deselect | Refine | Create alert

Results for Barcode= 38054000036049; Sorted by: Year (descending)/Author
Records 1 – 1 of 1 (maximum display and sort is 1000 records)

Jump to #   [   ]   ◀ Previous Page   Next Page ▶

#		Author	Format	Title	Year	Lib/Items
1	☐	Rolt, L. T. C.	Text	Thomas Telford /	1958	Location

◀ Previous Page   Next Page ▶

And the link takes you through to the catalogue search results.

Missing links

- Link to full record from search results
- Links in My Library Card to expanded information
- Links back to catalogue from expanded screens
- RSS links for SDI

This is the screen in My Library Card showing the users alerts or SDI requests. The RSS URLs are not clickable, limiting their usefulness.

Alerts for: PHILLIPS, MATTHEW E (Panini20)

To create an alert, perform your search using the normal search screens. From the page showing the search results, th...
any new m...

Select an...

Modify al...

On-line ...

Alert					
Nursing (pers)					
History					
education...			Dundee		rss&rss_key=V12CFVRHUDEIKB7U
Nursing (no journal issues)	1 Days	Words= nursing	Excluding journals	13/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=NFYTD31L8RJ9TLH9
Nursing 2 (with pers)	1 Days	Words= nursing	University of Dundee	19/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=EAAJDHS91U167Y2N

bor-sdi-body

Replace

 <td class=td1>$0800</td>

with

 <td class=td1>$0800</td>

Again, we can fix this without using Javascript.

Alerts for: PHILLIPS, MATTHEW E (Panini20)

To create an alert, perform your search using the normal search screens. From the page showing the search results, th...
any new m...

Select an

Modify al...
On-line ...

Alert

bor-sdi-body

Replace

 <td class=td1>$0800</td>

with

Select an alert from the list below before choosing an action.

Modify alert | Copy alert | Delete alert

On-line search — This option will run the search now and display any new results in the catalogue. You will not receive an e-mail for these results nor will the new material appear in your RSS feed.

Alert name	Interval	Search terms	Database	Last action date	RSS URL
Nursing (with pers)	1 Days	Words= nursing	University of Dundee	19/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=1QE26IL9FBI67MUJ
History	1 Days	Words= history	University of Dundee	19/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=H8N8UAG53F4FAXAS
education	3 Days	Words= education	University of Dundee	19/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=VT2CFVRHUDEIKB7U
Nursing (no journal issues)	1 Days	Words= nursing	Excluding journals	13/08/2009	http://library.dundee.ac.uk:80/F/?func=load-rss&rss_key=NFYTD31L8RI9TLH9
Nursing 2 (with			University of		http://library.dundee.ac.uk:80/F/?func=load-

Now the links are clickable.

Missing links

- Link to full record from search results
- Links in My Library Card to expanded information
- Links back to catalogue from expanded screens
- RSS links for SDI
- Remember to test with JavaScript disabled

When making enhancements it is very important to test the functionality with JavaScript disabled. This is because some users do not have access to JavaScript-enabled browsers, or prefer to disable JavaScript for security or privacy reasons. The main thing to ensure is that your "enhancement" does not reduce the functionality for these users. Sadly I have seen examples of Aleph OPACs where the use of JavaScript for quite minor purposes (e.g. preventing users double-clicking in error) has made parts of the interface unusable for those who do not have JavaScript available.

Social bookmarking

- Creating a permanent URL when the result has context within a set of results

http://library.dundee.ac.uk/F/
5DIT2RYUTA2RA8YE36D5MQS622ENTA842R6
  HB1CX14S5NXFBB5-36854
?func=full-set-set
&set_number=195186
&set_entry=000002
&format=999

This is a typical URL from a full record display in Aleph. If the user bookmarks the page the bookmark will stop working once VIR01 is cleared, because the URL depends on a session ID and a search set.

Social bookmarking

- Creating a permanent URL when the result has context within a set of results

- AddThis service: http://www.addthis.com/

We have added a bookmark button via the free "AddThis" service.

Here's what it looks like in our OPAC.

Several different services are available on the pop-up menu.
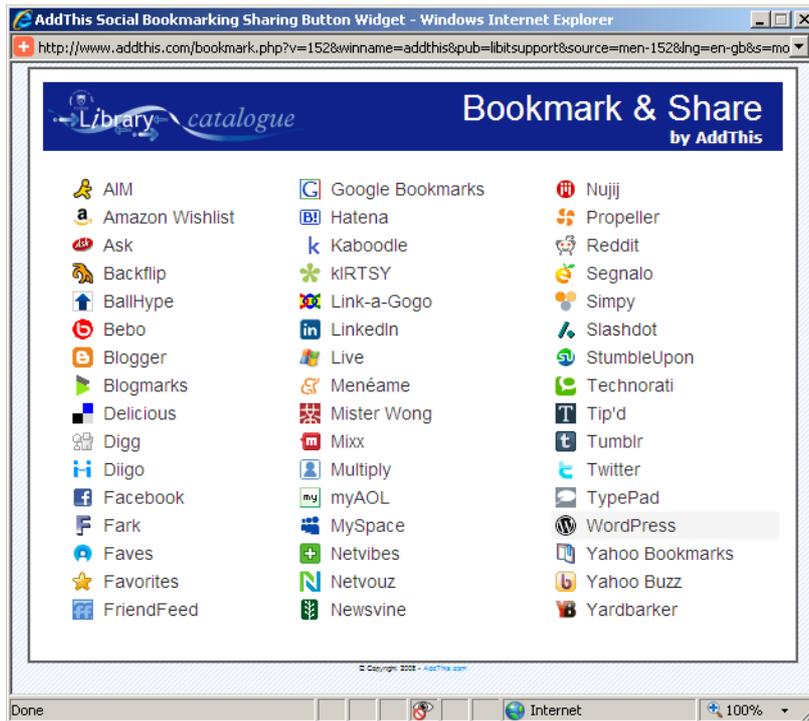
Even more are available on the full menu. All of this is maintained by AddThis so we do not have to work out the API for each individual service.

Here we are in Delicious, bookmarking one of our records.

Important note

Please note that the following slides show a method which is now out of date. Please instead refer to the improved method at

http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+record

full-set-head-***, direct-head-***
(There may be several files to alter, e.g. full-set-head-bor, full-set-head-ill, etc.)

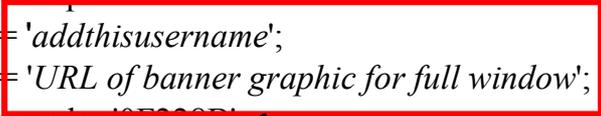HTML to make AddThis button appear in the button bar:

```
<td class="bar" align="center" nowrap>
   <a href="http://www.addthis.com/bookmark.php"
      onmouseover="return addthis_open(this, '', dunBookmark,
 dunTitle)"
      onmouseout="addthis_close()"
      onclick="return addthis_sendto()">
   <img src="http://s9.addthis.com/button1-bm.gif" width="125"
height="16" border="0" alt="" />
   </a>
</td>
```

Note that these instructions have been superseded by the improved version at
http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+record

full-set-head-***, direct-head-***

Just above bottom line, above the <table> tag:

```
<!-- START: AddThis.com button -->
<script type="text/javascript">
 addthis_pub           = 'addthisusername';
 addthis_logo          = 'URL of banner graphic for full window';
 addthis_logo_background = '0F228B';
 addthis_logo_color    = 'FFFFFF';
 addthis_brand         = '';
</script>
<script type="text/javascript"
     src="http://s7.addthis.com/js/152/addthis_widget.js"></script>
```

Customize with your username and graphics

continued on next slide…

Note that these instructions have been superseded by the improved version at
http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+reco
rd

full-set-head-***

… continued:

```
<script type="text/javascript">
 var dunBookmark="&server_httpd";
 dunBookmark +=
    "/F/?func=direct&local_base=$0900&doc_number=$0600&dunsid=
addthis";
 dunTitle = "Title";
</script>
<!-- END: AddThis.com button -->
```

direct-head-***
Similar, but use
func=direct&local_base=$0300&doc_number=$0100

Note that these instructions have been superseded by the improved version at
http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+reco
rd

full-set-head-***

… continued:

```
<script type="text/javascript">
  var dunBookmark="&server_httpd";
  dunBookmark +=
    "/F/?func=direct&local_base=$0900&doc_number=$0600&dunsid=
addthis";
  dunTitle = "Title";
</script>
<!-- END: AddThis.com
```

• Appears as the title of the web page in the bookmarking service.
• Hard to get the actual book title to appear.

direct-head-***
Similar, but use
func=direct&local_base=$0300&doc_number=$0100

Note that these instructions have been superseded by the improved version at
http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+reco
rd

The improved version obtains the title from the page and passes it on to the bookmarking
service.

full-set-head-***

… continued:

```
<script typ[...]
 var dunB[...]
 dunBookmark +=
   "/F/?func=direct&local_base=$0900&doc_number=$0600&dunsid=
addthis";
 dunTitle = "Title";
</script>
<!-- END: AddThis.com button -->
```

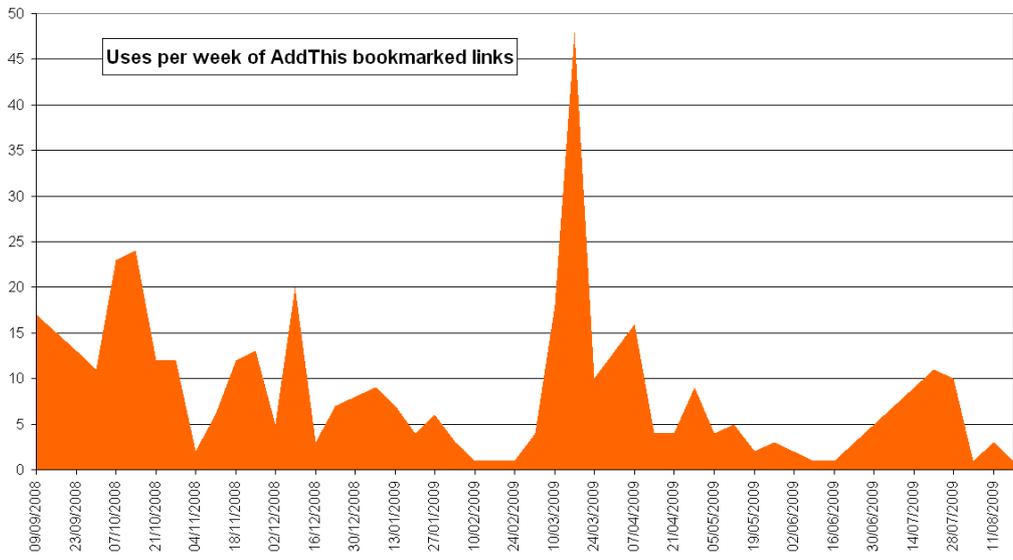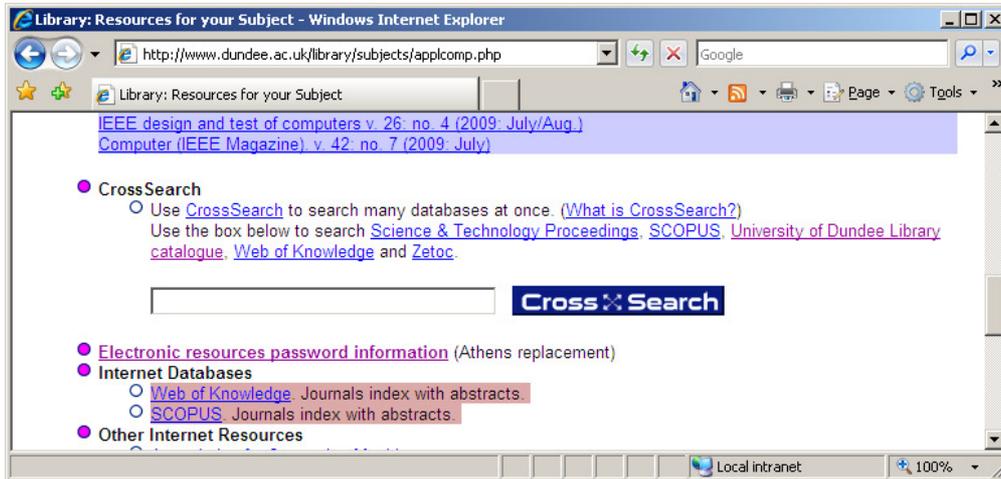> "Dundee statistical ID" to allow us to track usage in the Apache server logs

direct-head-***
Similar, but use
func=direct&local_base=$0300&doc_number=$0100

The "dunsid" parameter is ignored by Aleph but allows us to track usage of the facility via our Apache logs.

Note that these instructions have been superseded by the improved version at http://www.exlibrisgroup.org/display/Aleph/AddThis+bookmarking+from+Aleph+full+reco rd

Uses per week of AddThis bookmarked links

The usage of links bookmarked via this service at Dundee. Not really very well used. Sadly you cannot really predict which features are going to be popular until you have released them!

Embedding search boxes

- ## MetaLib deep linking guide

It is easy to embed search boxes for MetaLib in other web pages. Consult the Deep Linking Guide which forms part of the MetaLib documentation.

We have added it to our Library home page (see the boxes at the bottom). We have an embedded box for the catalogue also.

Embedding search boxes

- Code for an Aleph search box:

```
<form method="get" action="http://library.dundee.ac.uk/F/">
<input type="hidden" name="func" value="find-e" />
<input type="hidden" name="adjacent" value="n" />
<input type="text" name="request" value="" size="13" />
<input type="hidden" name="find_scan_code" value="FIND_WRD" />
<input type="hidden" name="dunsid" value="libweb" />
<input type="submit" value="Search Catalogue" />
</form>
```

This is all you need for an embedded catalogue search box.

Embedding search boxes

- Code for an Aleph search box:

```
<form method="get" action="http://library.dundee.ac.uk/F/">
<input type="hidden" name="func" value="find-e" />
<input type="hidden" name="adjacent" value="n" />
<input type="text" name="request" value="" size="13" />
<input type="hidden" name="find_scan_code" value="FIND_WRD" />
<input type="hidden" name="dunsid" value="libweb" />
<input type="submit" value="Search Catalogue" />
</form>
```

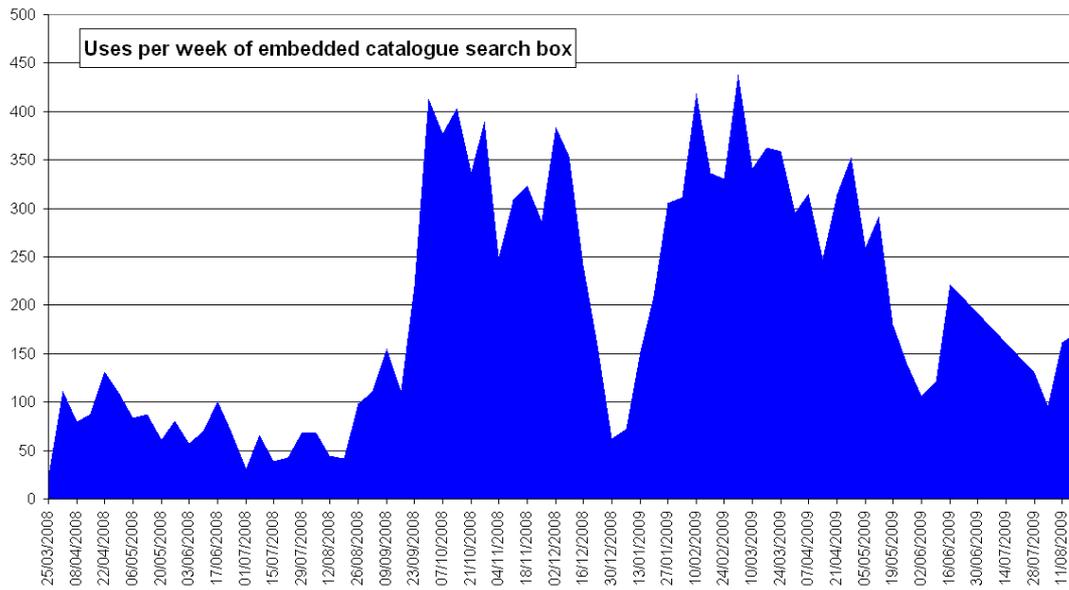We're using find-e: you could use find-b

You may wish to change the search method here.

Embedding search boxes

- Code for an Aleph search box:

```
<form method="get" action="http://library.dundee.ac.uk/F/">
<input type="hidden" name="func" value="find-e" />
<input type="hidden" name="adjacent" value="n" />
<input type="text" name="request" value="" size="13" />
<input type="hidden" name="find_scan_code" value="FIND_WRD" />
<input type="hidden" name="dunsid" value="libweb" />
<input type="submit" value="Search Catalogue" />
</form>
```

> Defines which index to search.
> Or you could have a <select>
> drop-down menu of indexes.

If you use "find-b" the indexes are expressed differently.

Embedding search boxes

- Code for an Aleph search box:

```
<form method="get" action="http://library.dundee.ac.uk/F/">
<input type="hidden" name="func" value="find-e" />
<input type="hidden" name="adjacent" value="n" />
<input type="text" name="request" value="" size="13" />
<input type="hidden" name="find_scan_code" value="FIND_WRD" />
<input type="hidden" name="dunsid" value="libweb" />
<input type="submit" value="Search Catalogue" />
</form>
```
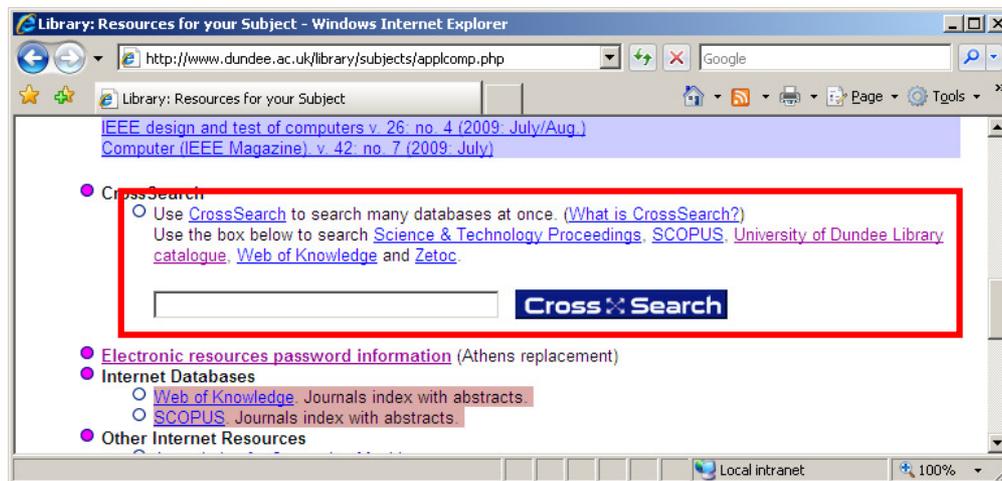
I use the "dunsid" hidden field to track usage of the feature via the Apache logs

Again, we use a "dunsid" parameter which Aleph ignores to track the usage of the feature via the Apache logs.

Uses per week of embedded catalogue search box

This is the usage of the embedded catalogue search box on our home page. It is very popular. Notice how the usage increased markedly at the start of the new academic year in September 2008. This is clearly because the habits of our new users are different. People who have been at the university longer take a while to change their habits and how they access the catalogue.
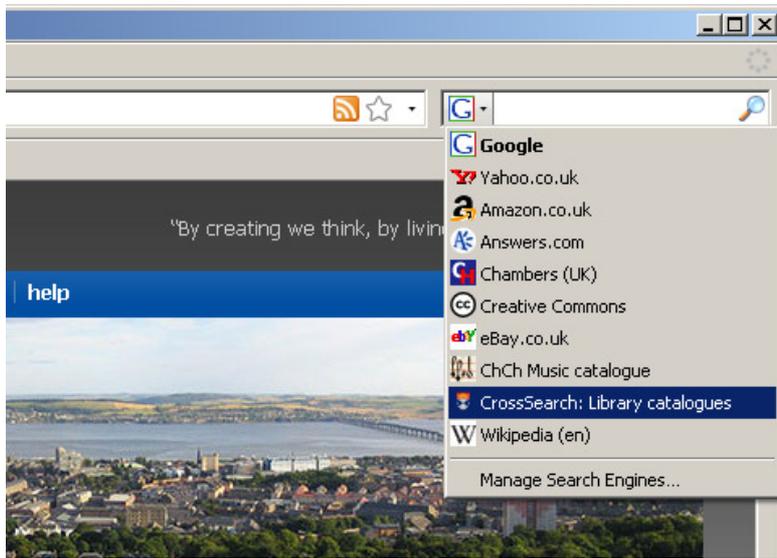
Embedding search boxes

You can export quickset details and links to resources from MetaLib and include in dynamic web pages to save maintenance effort.
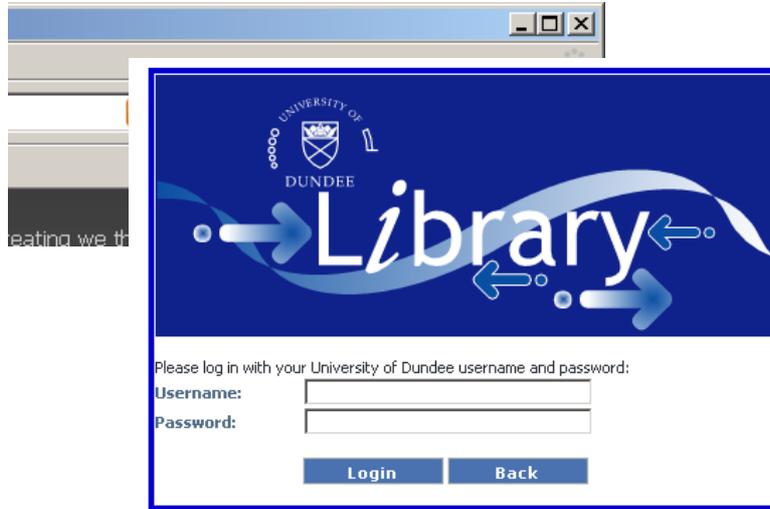
Although this might look like a straightforward embedded MetaLib search box, the page is written in PHP and pulls the quickset information (the names of the databases and the links to their native interfaces) direct from our MetaLib server on the fly. This is not an easy enhancement, but it saves a lot of work maintaining web pages.
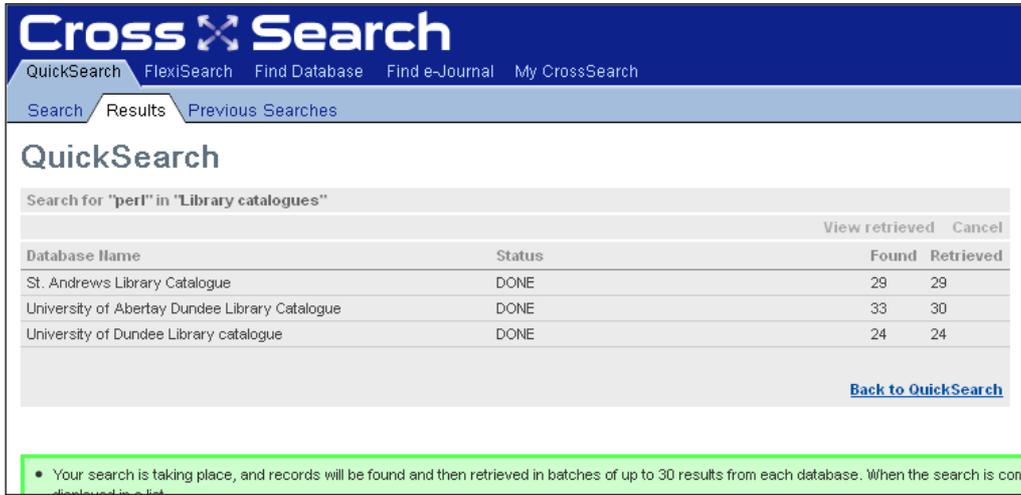
Browser search plugins

CrossSearch is our branding for MetaLib. Here is an example of a MetaLib quickest being available on the browser search menu.

Browser search plugins

Browser search plugins

Browser search plugins

- First create XML describing service:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<OpenSearchDescription xmlns="http://a9.com/-
   /spec/opensearch/1.1/">
<ShortName>UoD Library catalogue</ShortName>
<LongName>University of Dundee Library catalogue</LongName>
<Description>Performs a keyword search on the University of Dundee
   Library catalogue</Description>
<InputEncoding>UTF-8</InputEncoding>
<Tags>university dundee library catalogue</Tags>
<Developer>IT Support, University Library, Dundee</Developer>
```

continued …

To create a browser search plugin, you first need an XML file describing the search service.
Here is the first half.

Browser search plugins

- First create XML describing service:

```
<?xml version="1.0" encoding="UTF-8"?>
<OpenSearchDescription xmlns="http://a9.com/-
    /spec/opensearch/1.1/">
<ShortName>UoD Library catalogue</ShortName>
<LongName>University of Dundee Library catalogue</LongName>
<Description>Performs a keyword search on the University of Dundee
    Library catalogue</Description>
<InputEncoding>UTF-8</InputEncoding>
<Tags>universi
<Developer>IT                                          eveloper>
```

Descriptive stuff for humans.
ShortName limited to 16 characters.

continued …

The first half of the description is just stuff for humans. Adjust as required for your search service.

Browser search plugins

… continued

```
<Url type="text/html"
    template="http://library.dundee.ac.uk/F/?func=find-
    e&amp;adjacent=N&amp;request={searchTerms}&amp;find_s
    can_code=FIND_WRD&amp;dunsid=IE7search"/>
<Image height="16" width="16" type="image/x-
    icon">http://www.dundee.ac.uk/library/graphics/dundee-shield-
    16.ico</Image>
</OpenSearchDescription>
```

The second half of the file describes the service to the browser.

Browser search plugins

… continued

<Url type="text/html"
   template="http://library.dundee.ac.uk/F/?func=find-
   e&adjacent=N&request={searchTerms}&find_s
   can_code=FIND_WRD&dunsid=IE7search"/>
<Image height="16" width="16" type="image/x-
   icon">http://www.dundee.ac.uk/library/graphics/dundee-shield-
   16.ico</Image>
</OpenSearchDescription>

Browser search plugins

… continued

<Url type="text/html"
   template="http://library.dundee.ac.uk/F/?func=find-
   e&adjacent=N&request={searchTerms}&find_s
   can_code=FIND_WRD&dunsid=IE7search"/>
<Image height="16" width="16" type="image/x-
icon">http://www.dundee.ac.uk/library/graphics/dundee_shield

</O

- URL for performing the search
- Encode all ampersands (change & to &)
- {searchTerms} is a placeholder for the user's search terms
- For Aleph and MetaLib, strip out the session ID after /V/ or /F/
- We can track usage using our fake form element, "dunsid".

Browser search plugins

- Save your XML service definition on a web server

- Offering the search service to users via a web page:

You then need to make the XML file available on a web server, and provide links to the public to allow users to install it. Of course you may be able to persuade your computer services department to install it on all university PCs. This example is from one of our web pages: http://www.dundee.ac.uk/library/search/search-tools.php

Browser search plugins

- Offering the search service to users via a web page:

```
<a href="#"
onclick="window.external.AddSearchProvider('http://
    www.dundee.ac.uk/library/itsupport/ie7search.xml')"
    >
Install Library catalogue search provider
</a>
```
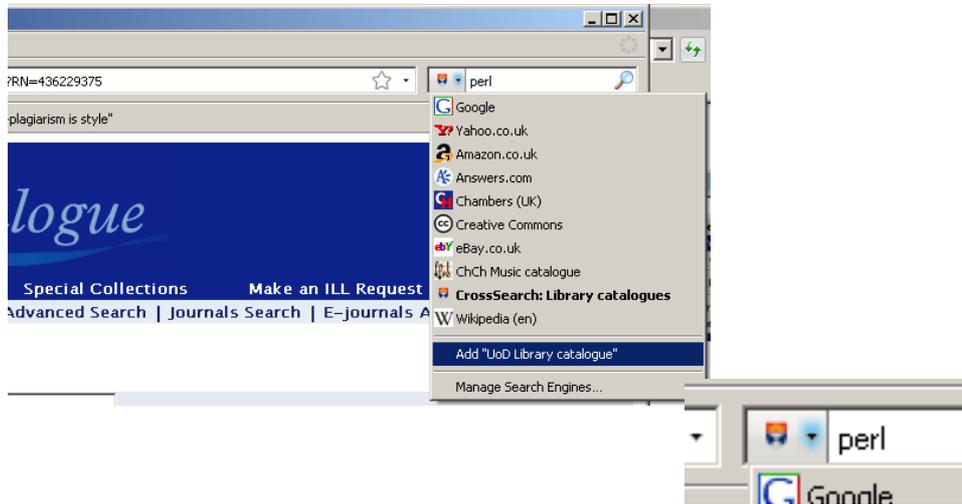
URL of the XML file describing your service

You need a little JavaScript for the links which install the search plugin.

Browser search plugins

- Autodiscovery

It's also possible to make the browser aware of the search plugin when the user visits your catalogue. In this example the brwoser has detected that there is a serach plugin for our library catalogue available.

Browser search plugins

- Autodiscovery:

meta-tags:
```
<link
    title="UoD Library catalogue"
    rel="search"
href="http://www.dundee.ac.uk/library/itsupport/ie7se
    arch.xml"
    type="application/opensearchdescription+xml"
/>
```

All you have to do is add a special <link> tag to the <head> section of the page, for example by modifying your meta-tags file in the Aleph OPAC.

Uses per week of catalogue search from browser search box

- Low take-up in 2007/8 academic year

- Greatly increased usage in 2008/9

- Does this reflect the habits of the new intake / user education?

Browser search plugins for MetaLib

- Just as easy to define manually as for Aleph

- Consult the Deep Linking Guide

- Scripts available on EL Commons so you can allow users to install plugins for their own quicksets

  http://www.exlibrisgroup.org/display/MetaLib/Search+provider+browser+plugins+for+MetaLib+quicksets

C Accounting, Finance +
Economics   C Architecture + Interior design   C Art, Design + Media

C Art, Design + Media images
    Includes image and web ...

C Engineering + Physical
Sciences

C Law

C Medicine + Dentistry

C Psychology

CrossSearch - Install search providers - Windows Internet E...

Back to QuickSearch

Install browser search providers

You can install any of the CrossSearch QuickSets as search providers in Internet Explorer 7 or Firefox. If you have created your own sets of resources using My CrossSearch then these may also be installed in your browser's search box. Simply find the set in the list below, and click to install!

My Sets

Random oddments

Test E

QuickSets

Accounting, Finance + Economics

Architecture + Interior design

Art, Design + Media

Art, Design + Media images

Computing, Mathematics + Physics

Education + Social work

Engineering + Physical Sciences

- To search, select one group of res...   ...an be entered in "quotation marks".
- To see which resources are includ...
- QuickSets do not include all the res...   ...Search'.
- Use ? as a truncation character, e.g. Scot? will find Scotland, and Scottish.
- You can add any of the above sets to your browser's search provider menu if you use Internet Explorer 7 or Firefox: Install search providers (requires Javascript).

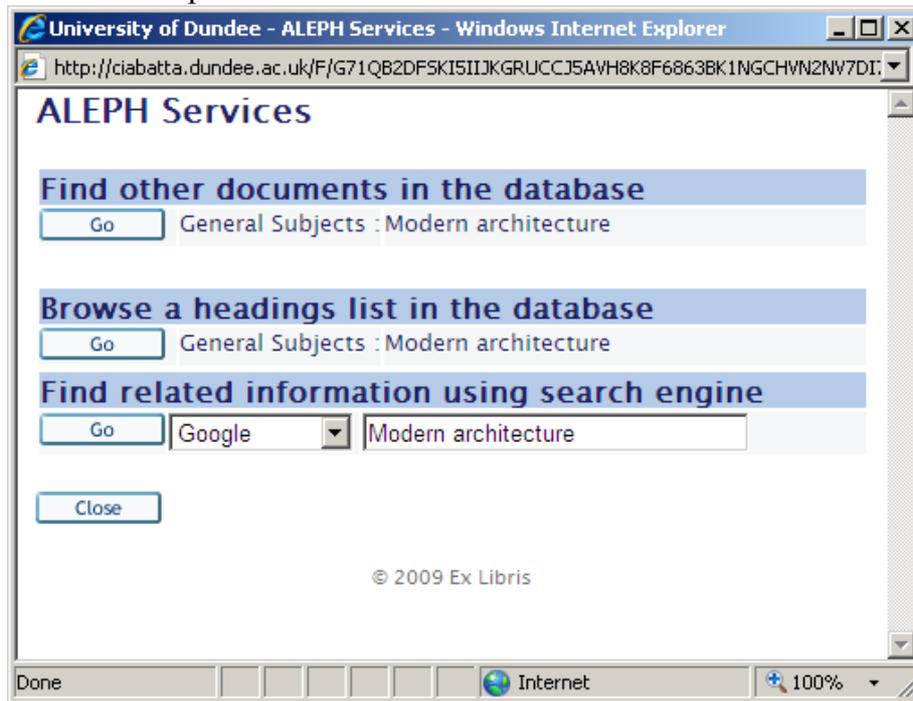Turn Off Auto Refresh | Accessibility Statement and Disclaimer

Local intranet   100%

54

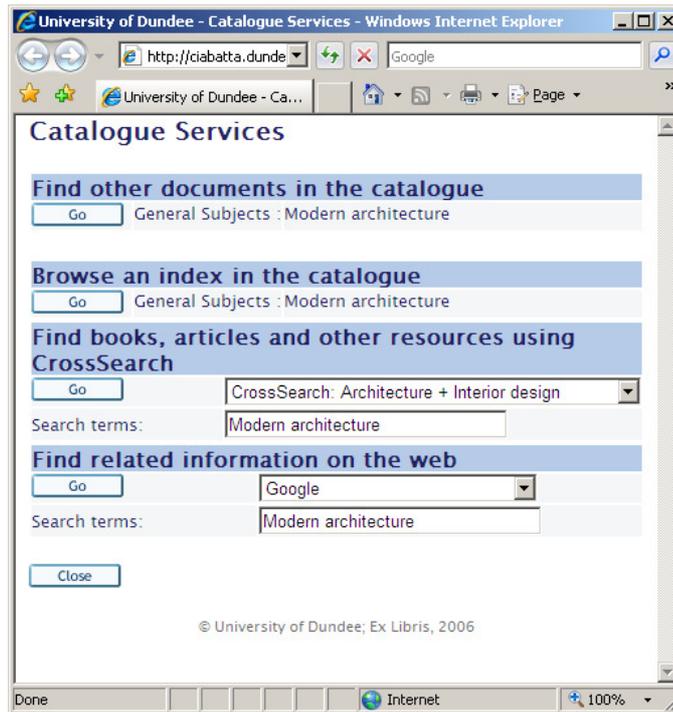# Pushing searches from Aleph to MetaLib

Here is an example of a link from a subject heading in the catalogue.

Standard Aleph services menu

The standard Aleph services menu will open, offering searching and browsing within Aleph, or searching via Google or other services.

Aleph services menu with MetaLib quicksets added

We have added our MetaLib quicksets to the screen.

Here is the search being performed in MetaLib.

Pushing search terms to MetaLib

tab_z121:

GOOGLE   http://www.google.com/search?q=$0100&meta=lr
    %3D%26hl%3Den

QS000000271   http://cross-search.dundee.ac.uk/V/?func=quick-1-
    check1&mode=simple&find_request_1=$0100&group
    _number=000000271&force_login=Y&dunsid=aleph

QS000000456   http://cross-search.dundee.ac.uk/V/?func=quick-1-
    check1&mode=simple&find_request_1=$0100&group
    _number=000000456&force_login=Y&dunsid=aleph

Just add the quicksets to tab_z121 in Aleph, using the Deep Linking Guide to help you with the syntax.

We have given them rather cryptic names based on the quick set IDs in MetaLib, but you could give them meaningful names. We have used cryptic names because we have a script which automates the process, but that falls outside the scope of "easy OPAC enhancements"! If you don't change your quicksets often you don't really need a script.

Pushing search terms to MetaLib

tab_z121:

GOOGLE   http://www.google.com/search?q=$0100&meta=lr %3D%26hl%3Den

QS000000271   http://cross-search.dundee.ac.uk/V/?func=quick-1-check1&mode=simple&find_request_1=$0100&group _number=000000271&force_login=Y&dunsid=aleph

QS000000456   http://cross-search.dundee.ac.uk/V/?func=quick-1-check1&mode=simple&find_request_1=$0100&group _number=000000456&force_login=Y&dunsid=aleph

Placeholder for user's search terms

Pushing search terms to MetaLib

service-engine:

```
<td class=td1 id=bold width=17%>
   <select name="engine">
      <option value=google>Google</option>
      <option value=QS000000271>MetaLib</option>
   </select>
</td>
```

Add quicksets to existing menu, or add a separate menu if you wish.

Then add them to service-engine.

External links simplified

This is what you get by default when following an external link in Aleph. Obviously in the UK we want to cut out the US copyright warning!

External links simplified

media-permission

- Can strip out most of the stuff from this file

- Still left with one more page than is really needed

- N.B. this page is possibly needed if you are using ADAM

External links simplified

```
<!-- filename: media-permission -->
<html>
<head>
<title>External link</title>
<script language="Javascript">
<!--
  function goToLink() {
    // Get the placeholder into a string.
    // Fortunately it never contains single quotes.
    var s = '$0100';

    // Extract the part of the placeholder between
    // the first pair of double quotes.  This happens
    // to be the destination URL.
    s = s.substring(s.indexOf("")+1);
    s = s.substring(0,s.indexOf(""));

continued…
```

Here is how we have altered media-permission to remove the unnecessary intermediate
page. And it works for users without JavaScript too.

External links simplified

… continued:
```
    // Move to this URL.
    window.location.href = s;
  }
-->
</script>
</head>
<body onload="javascript:goToLink()">
<noscript>$0100 Please click the icon to access the external
    site.</noscript>
</body>
</html>
```

External links simplified

media-display-exec:

```
<!-- filename: media-display-exec-->
<html>
<head>
<title>&f-base - External Link</title>
<include>meta-tags
<meta http-equiv="REFRESH" content="0; URL=$0100">
</head>
<body onload=window.location="$0100">
</body>
</html>
```

Avoids reliance on JavaScript.

To ensure it works for users without JavaScript, you should add the highlighted section to media-display-exec.

EndNote download fix

- Try downloading a batch of records in ISI
  ResearchSoft Tagged Output Format
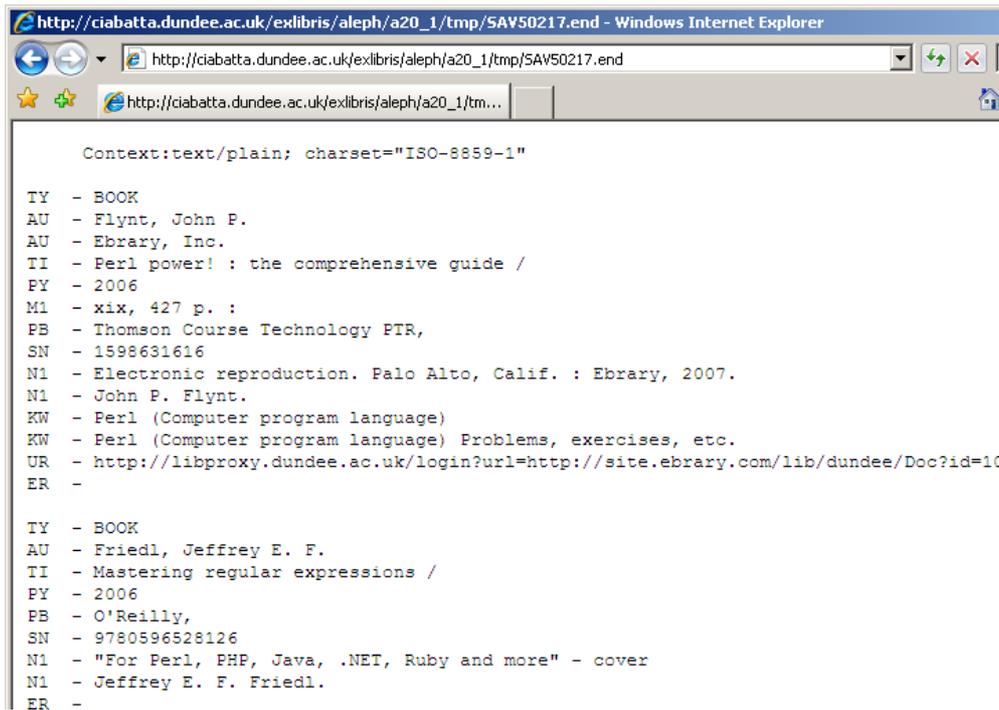
E-Mail or Save Selected Records

You have 2 options:

- Send the records by e-mail (by entering an e-mail address)
- Save the records locally on your PC (by leaving the e-mail address blank)

The records will be formatted according to your choice.

Records:

- All
- Selected
- Range

Record format

Select predefined format: ISI ResearchSoft Tagged Output Format (for EndNote)

```
    http://ciabatta.dundee.ac.uk/exlibris/aleph/a20_1/tmp/SAV50217.end - Windows Internet Explorer

      http://ciabatta.dundee.ac.uk/exlibris/aleph/a20_1/tmp/SAV50217.end

      http://ciabatta.dundee.ac.uk/exlibris/aleph/a20_1/tm...

         Context:text/plain; charset="ISO-8859-1"

    TY  - BOOK
    AU  - Flynt, John P.
    AU  - Ebrary, Inc.
    TI  - Perl power! : the comprehensive guide /
    PY  - 2006
    M1  - xix, 427 p. :
    PB  - Thomson Course Technology PTR,
    SN  - 1598631616
    N1  - Electronic reproduction. Palo Alto, Calif. : Ebrary, 2007.
    N1  - John P. Flynt.
    KW  - Perl (Computer program language)
    KW  - Perl (Computer program language) Problems, exercises, etc.
    UR  - http://libproxy.dundee.ac.uk/login?url=http://site.ebrary.com/lib/dundee/Doc?id=10
    ER  -

    TY  - BOOK
    AU  - Friedl, Jeffrey E. F.
    TI  - Mastering regular expressions /
    PY  - 2006
    PB  - O'Reilly,
    SN  - 9780596528126
    N1  - "For Perl, PHP, Java, .NET, Ruby and more" - cover
    N1  - Jeffrey E. F. Friedl.
    ER  -
```

Unfortunately the user will get a text file appearing in the browser!

EndNote download fix

- Add to $httpd_root/conf/mime.types :

application/x-research-info-systems   end

- Alter $httpd_root/conf/httpd.conf :

```
# Added "end" for EndNote files;  MEP 8/06/2009
<Files ~ "\.(gif|jpe?g|png|css|sav|end)$">
    Header unset Cache-Control
    Header unset Expires
    Header unset Pragma
</Files>
```

It is easily fixed by altering the Apache configuration.

Once that is done you get the file downloading direct into EndNote, as it ought to.

EndNote 9 - Kirsty.enl

File Edit References Tools Window Help

Kirsty.enl

0	Author	Year	Title	URL
	Brown	2001	Perl : the complete reference	http://libproxy.dunde...
	Hanegan	2001	Custom CGI scripting with Perl	http://libproxy.dunde...
	Holzner	2001	Perl black book	http://libproxy.dunde...
	Lee	2001	Malcolm X	
	Conway	2000	Object oriented Perl : [a comprehensive guide to ...	
	Sebesta	2000	A little book on Perl	
	Wall	2000	Programming Perl	
	Perl	1999	Louisa Matthiasdottir	
	Schilli	1999	Perl power! A jumpstart guide to programming in...	
	Quigley	1998	Perl by example	
	Deep	1996	Developing CGI applications with Perl	
	Till	1996	Teach yourself PERL 5 in twenty-one days	
	Vromans	1996	Perl 5 desktop reference	

No References Selected

Showing 24 out of 94 references.   ▲ Hide Preview

Questions?

Ideas?

OPAC scripting enhancement

- IGeLU enhancement request no. 1764 – Server-side scripting support for OPAC

- Not for easy OPAC enhancements …

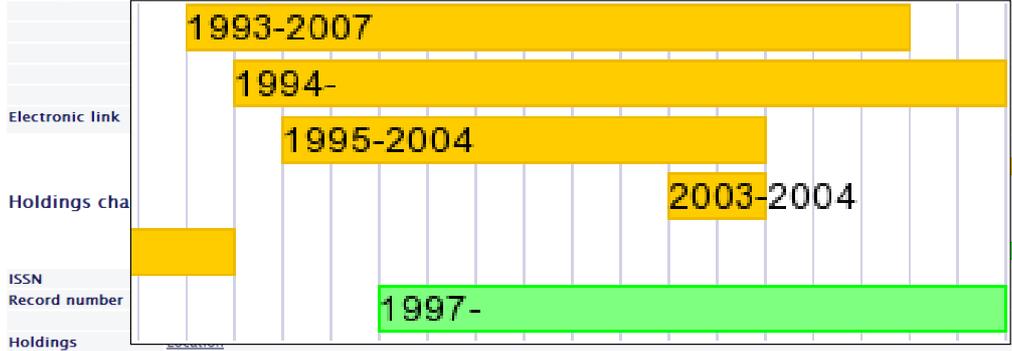- … but makes the hard things possible

- Please vote!

◄ Previous Record | Next Rec

Format	Periodical
	Electronic resource
	Text
Holdings	Location
Main Entry	Great Britain. Office of Population Censuses and Surveys
Title	Population Trends.
Imprint	Stationery Office.
General note	Main Library copies Not for loan
Subject	Population statistics
	Social Sciences General
	Journal collection – School of **Nursing** and Midwifery
Continues	Registrar–General's Quarterly Return for England and Wales
Holdings summary	SNM (Kirkcaldy) Library, Reference, Statistics 613. 71(1993)–129(2007)
	Main Library, Periodicals, 613 POP. no.75(1994)–
	Ninewells Library, Periodicals. 1995–2004
	SNM (Perth) Library, Periodicals. 2003–2004
	Remote Store 2, Periodicals, 613 POP. no.1(1975)–74(1993)
	Electronic Resource. no.90(1997:Winter)–
Electronic link	http://www.statistics.gov.uk/statbase/product.asp?vlnk=6303 ;

Holdings chart

SNM (Kirkcaldy) Library, Reference — 1993-2007
Main Library — 1994-
Ninewells Library — 1995-2004
SNM (Perth) Library — 2003-2004
Remote Store 2 — 1975-1993
Electronic Resource — 1997-

ISSN	0307–4463
Record number	000026041
Holdings	Location

Here is an example of a **difficult** OPAC enhancement! See it live for our periodical holdings at http://library.dundee.ac.uk/

Format	Periodical
	Electronic resource
	Text
Holdings	Location
Main Entry	Great Britain. Office of Population Censuses and Surveys
Title	Population Trends.
Imprint	Stationery Office.
General note	Main Library copies Not for loan
Subject	Population statistics
	Social Sciences General
	Journal collection – School of **Nursing** and Midwifery
Continues	Registrar–General's Quarterly Return for England and Wales
Holdings summary	SNM (Kirkcaldy) Library, Reference, Statistics 613. 71(1993)–129(2007)

Electronic link

Holdings cha

ISSN

Record number

Holdings   Location

1993-2007

1994-

1995-2004

2003-2004

1997-