Administrivia: Course Organization

- Class-time: Concepts
  - Make sure everyone has the big picture
  - Discuss alternative ideas and implementations – sometimes in small groups; sometimes as a class
  - Talk about real systems
  - **We will assume you have done the pre-class work**
- Section: Details, especially on assignments
  - Details from lecture that were confusing
  - Discussion of assignments: suggestions
  - Exam preparation
- Assignments: Applications of what we do in class

Administrivia: Assignments

- You get to build or modify the major pieces of an OS.
- This is, unfortunately, a labor-intensive activity: debugging concurrent, asynchronous systems is just hard.
- Assignments are structured in three-week blocks:
  - Week 1: Design documents.
  - Week 2: Implementation
  - Week 3: Debugging
- Do not leave assignments until the night before.

Administrivia: The Dirt

- A1: Make OS161 your best friend and built the synchronization primitives that you'll use for the rest of the course.

- A2: Implement processes.

- A3: Add virtual memory.

- A4: Make a file system recoverable (i.e., not lose data should your system ever crash).

Administrivia: Partners

- Assignments 2-4 are completed in teams.
- You **must** work on a team.
- You should schedule in time to both meet with and work with your partner.
  - Sometimes partitioning is the right strategy.
  - Sometimes working together is the right strategy.
  - **You must understand what your partner is doing.**
- Divorces sometimes happen in this course, but are difficult for all involved; seek out assistance from the course staff if your partnership is not working!
  - We will try to help you work out minor differences.
  - We will work to resolve major differences.
  - Answer our survey questions seriously!

Administrivia: Exams

- The midterm is an 80-minute in-class examination. It typically covers everything up to the very beginning of virtual memory.

- The final is a 24-hour take-home examination

How many assignments will you complete with a partner?

Select the correct answer

Four ✓

Three ✓

Two ✓

One ✓

None - I am not taking this course. ✓

Edit

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