Operating Systems

CMPT 424

-Lab A

Goals

Executing many programs in memory and from disk

This active learning exercise will you help you make progress on the practical aspects of developing your operating system.

Instructions

- 1. Now that your raw disk and file system are working, develop a swapper that can *roll* out a program from memory and *roll* in to memory a program stored on disk. Be sure that you update the PBCs as necessary.
- 2. Expand your CPU scheduler to handle four (4) or more processes in execution at once, taking into account using the disk as a backing store for your swapper.
- 3. Add all of the other features as specified in your Issues and Final Project.
- 4. Test. A lot.
- 5. Read chapter 8.2 in the 8th edition of our text again.

Questions

1. How well does your operating system work?

Resources

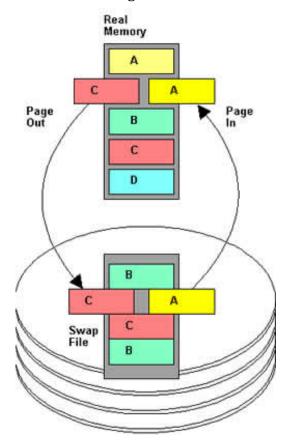
Chapter 21 in http://pages.cs.wisc.edu/%7Eremzi/OSTEP/

Grading

Your work on this lab will contribute to your grade for the Final Project.

Submitting

Commit your work to your **private** GitHub account in an appropriately-named folder. Make sure to tag your commit messages with the Issue number they address.



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