Operating Systems
CMPT 424

─Lab A ──

Goals

Executing many programs in memory and from disk
This approximately one-hour 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.