Operating Systems

CMPT 424

-Lab 8

Goals

Simulating disk hardware

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

Instructions

- 1. Add the *i*Project 4 / Final Project functional requirements as Issues (*enhancements*, really) in GitHub as element of an "Final Project" milestone.
- 2. We need to simulate physical storage in the browser. We'll use HTML5 Session Storage for this. Read up on this in the resources listed below.
- 3. Once you're familiar with the resources below, begin your HTML5 storage implementation. Please use **Session Storage** (as opposed to Local Storage). Thank you.
- 4. Add features as specified in your Issues and Final Project.
- 5. Test. (You know this by now.)
- 6. Read chapters 10.1 and 10.3 in the 8^{th} edition of our text, mainly to prepare for the next steps.

Questions

1. Have you had enough of this yet?

Resources

- http://www.html5rocks.com/en/features/storage
- http://diveintohtml5.info/storage.html
- Chapter 8 in https://gustavus.edu/+max/os-book/
- Chapter 37 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.

