Lab 1 Questions

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August 31, 2023

1 What are the advantages and disadvantages of using the same system call interface for manipulating both files and devices?

By using the same system call interface, there is more opportunity for code re-usability between different processes. This allows the same program to access data on both devices, and within files, instead of having to split the program into multiple programs.

2 Would it be possible for the user to develop a new command interpreter using the system call interface provide by the operating system? How?

yes, it could be possible to develop a new command interpreter. In order to do this, the interpreter must register functions that implement the I/O operations of the device or driver, ensuring compatability.