

Yi Lin

Professor Labouseur

Operating System

September 7 2020

Lab 2

How is your console like the ancient TTY subsystem in Unix as described in

<https://www.linusakesson.net/programming/tty/>

The ancient TTY, teletype subsystem in Unix, and my console shares several different properties. Different from the real console which is piece of hardware that physically connects to a host, my console is emulated by a file. The TTY does a similar approach in emulating a terminal for the user to interact with the kernel. They are component where the user types in commands or strings that will be processed by the kernel to call in certain functions that will affect the output. By this functionality, my console and TTY are both passive objects that store some data (user input) and only interact by the function invoked by the kernel interrupt handler.