

# 【Linux Programming】 Day3

▼ Class	Understanding Linux/Unix Programming
📅 Date	@March 14, 2022

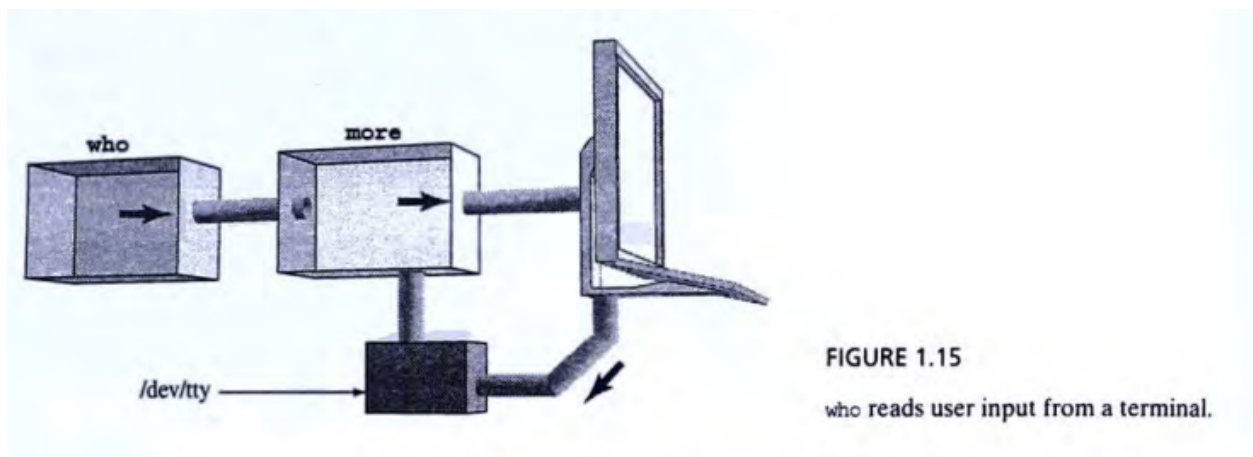
## 【Ch1】 The Big Picture

For now, our version of `more` will generate a bug when reading from the standard input. This is because, instead of the keyboard, if the standard input is connected to another file, we *would read input from that file..*

*How do we read from the keyboard directly?*

There is a special file in every Unix system called `/dev/tty`. This file is actually *a connection to the keyboard and screen.*

The following diagram shows how *we can communicate with the terminal by reading and writing data* to the `/dev/tty` file.



### *Still Need Work*

Our program still needs work. We still have to press the Enter key to get the program to respond. Also, the "q" and space characters show up on the screen.

It turns out that **connections to terminals have settings**. We can adjust the settings of the connection so **characters are delivered as they are typed instead of only after the user presses Enter**.

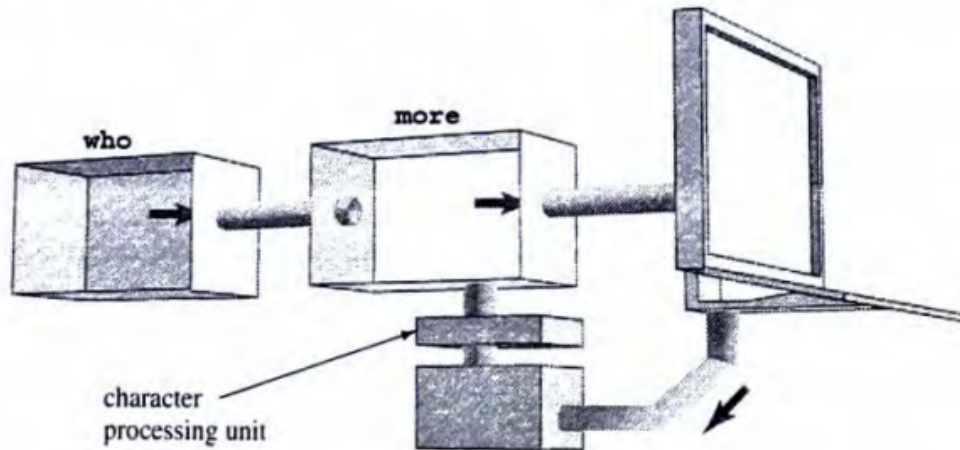


FIGURE 1.16

The connection to the terminal has settings.