Operating Systems
COMS W4118
Lecture 10

Alexander Roth

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Jae likes to go other threads and stuff that people should have read in the textbook...

- Be sure to notify when you are in the lock.

1 Nonblocking I/O and I/O Multiplexing

1.1 Nonblocking I/O

- Certain I/O operations are defined as slow.

- Slow operations are defined as operations that can block forever.

- A slow call can be nonblocking (returns immediately if nothing is there).

- When you set a file descriptor to nonblocking, it will only be able to write what it can write immediately and it will fail otherwise.

1.2 I/O Multiplexing

- `select` allows you to find which file descriptors you can use that aren't blocking.

- `select` will block you until you are ready for `reads` and `writes`.

- `maxfdp1` is the file descriptor with the largest number plus 1. The select function will check a series of bytes up to that point for ready file descriptors.