CS 208

Mon, 8 May 2023
A Process is a running program.

ps ~ "process status" lists current processes
Each process has

- one input stream (stdin or standard input)
- two output streams (stdout, stderr)

Open automatically when process launches.

stdin — usually attached to keyboard
stdout, stderr — usually attached to the screen.
stdout vs. stderr

printf → stdout

(print in python)

Why two streams?
So stdout can receive data
stderr can receive error messages
printf("Number: %d\n", k);

fprintf(stderr, "Uh-oh...\n");
In bash

> redirects stdout

`ls > something.txt`

Sends `ls`'s stdout to the file `something.txt`
V redirects stdin
(take input from file instead of keyboard)
cmd1 | cmd2

Sends cmd1's stdout to cmd2's stdin

"pipe"