

Multiprocessing

Ryan Eberhardt and Julio Ballista
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Class logistics

- Week 5 exercises due Tuesday
 - Please let us know if you get stuck / feel confused! We want you to sleep!
 - Also, remember you can substitute any week's exercises for a blog post if you'd like!
- First project (mini GDB) will be released today
 - You'll be free to work with a partner!
 - You can find partners on slack!
 - Let us know if you have another idea you'd like to work on

This week

- Taking a brief break from Rust-land!
- Today: why you shouldn't use `fork()` or `pipe()` 🔥 🚒
- Tuesday: why you shouldn't use `signal()` either 🔥 🚒
- Thursday: when processes actually are your friends (Google Chrome case study)

Don't call `fork()`

Why fork?

- Get concurrent execution (i.e. run another piece of your own program at the same time)
- Invoke external functionality on the system (i.e. run a different executable)

Concurrent execution

- How might we mess this up? (live code)