

CS 326 - 02 Pipes and Kernel Intro

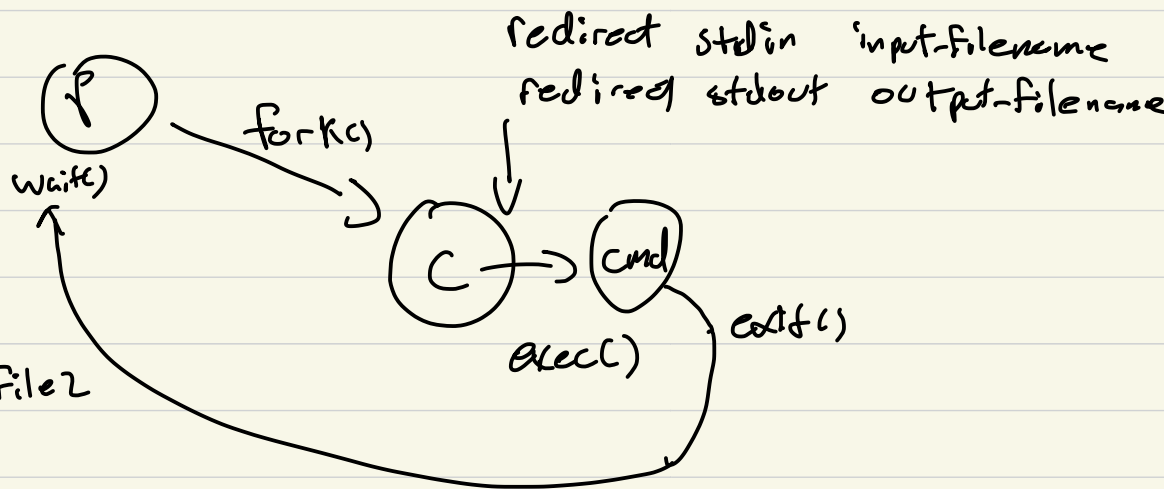
Project 01 fixes

Project 02

xv6 book

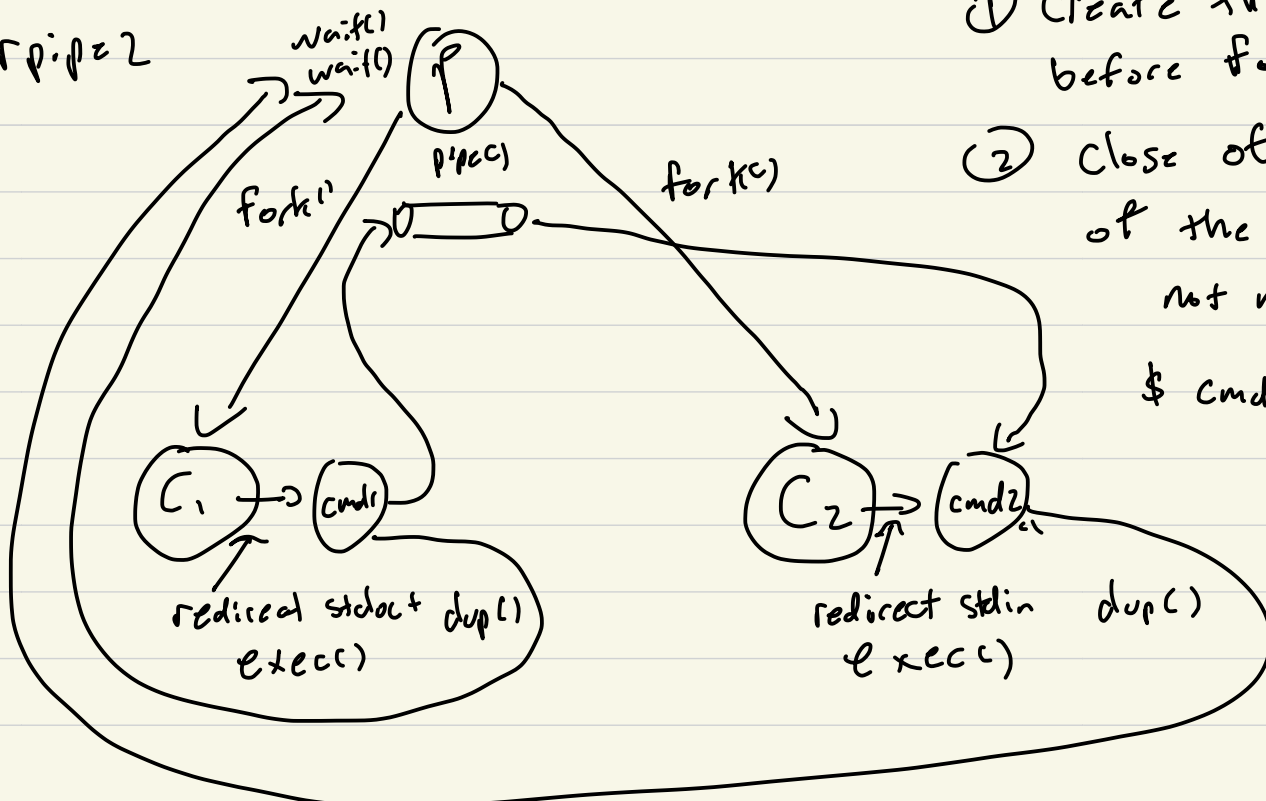
Lab 04

rdir



\$ cmd < file1 > file2

rpipz2



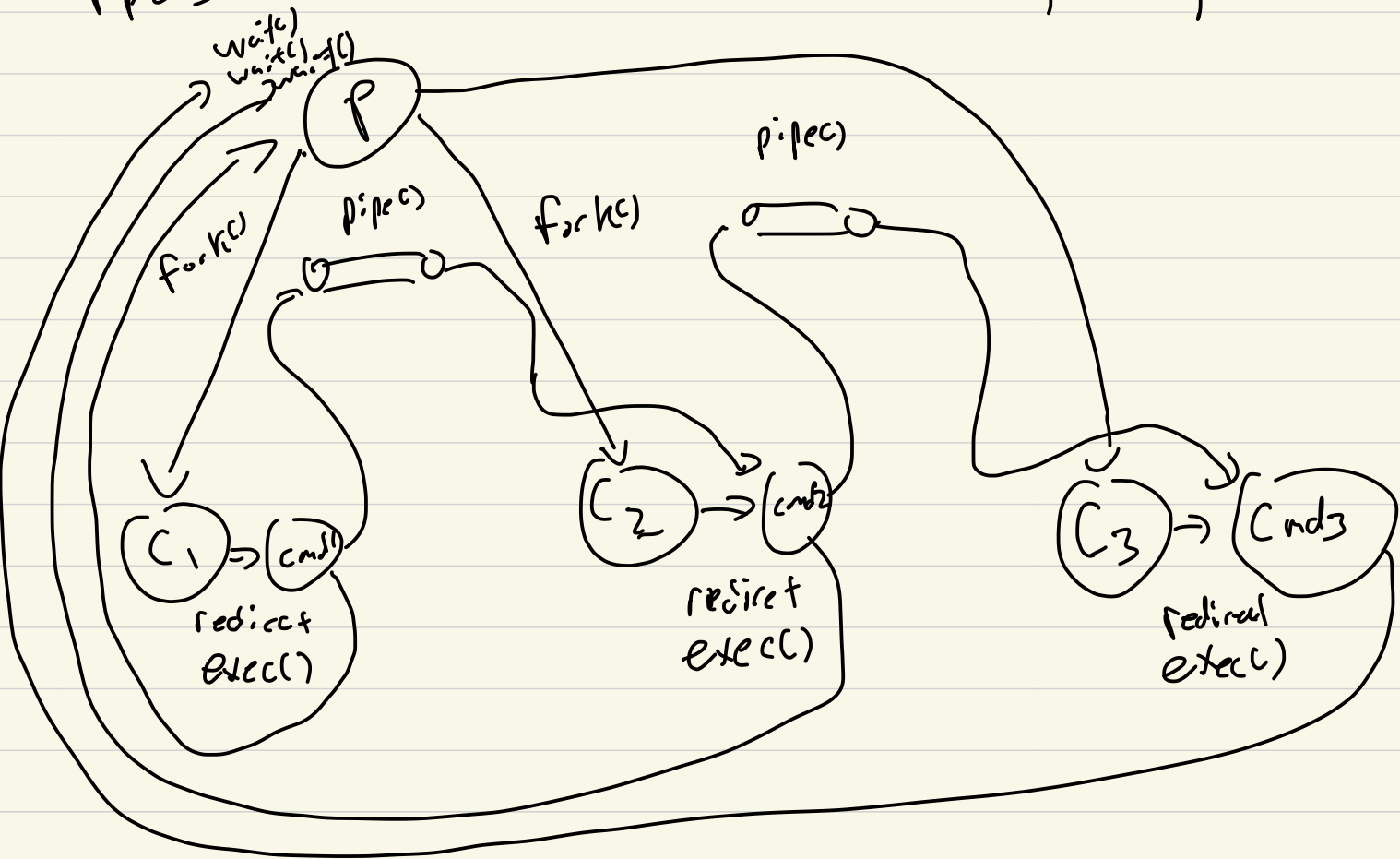
① Create the pipe before forking

② Close off all ends of the pipe when not needed

\$ cmd1 | cmd2

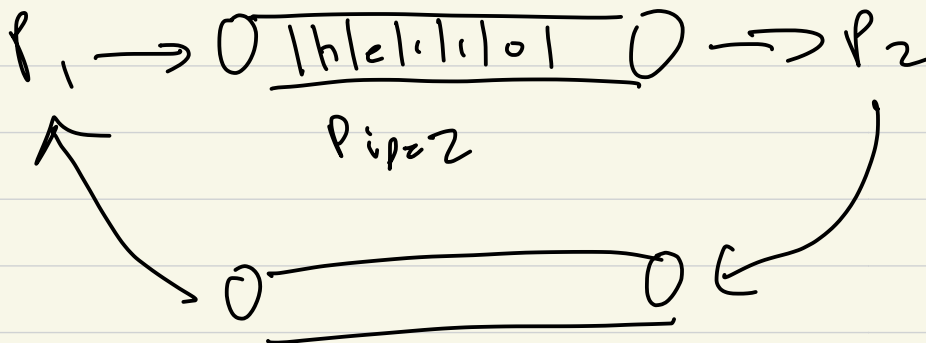
pipe 3

\$ cmd1 | cmd2 | cmd3



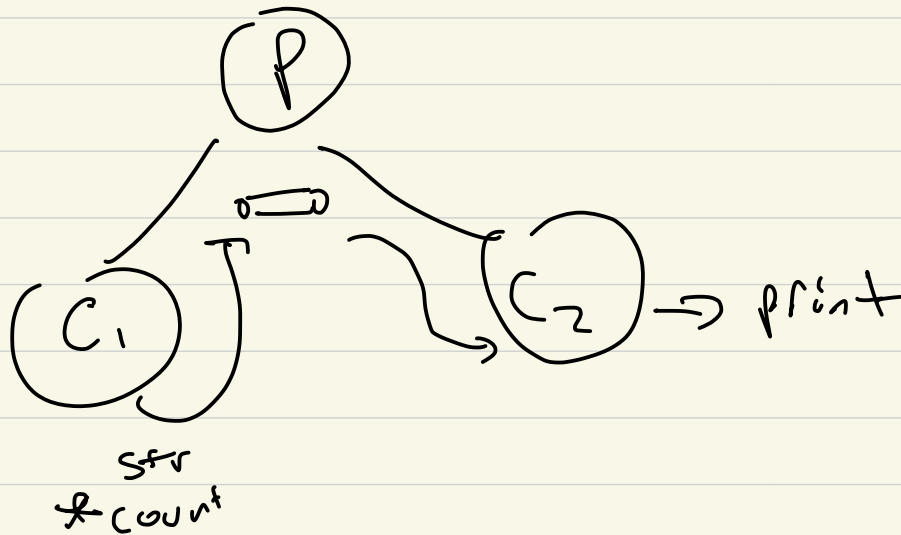
Pipes are not bidirectional, use 2 pipes

Pipe 1

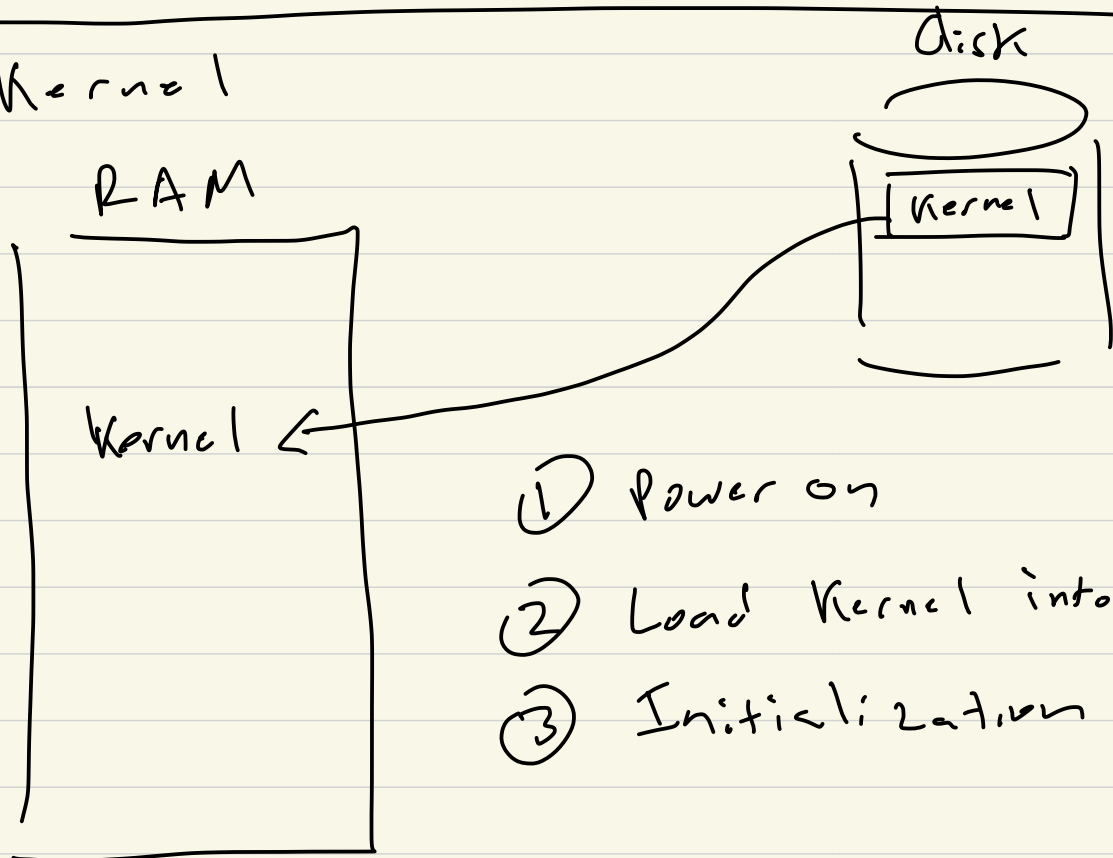


Pipe Flow Control

pipe send str count

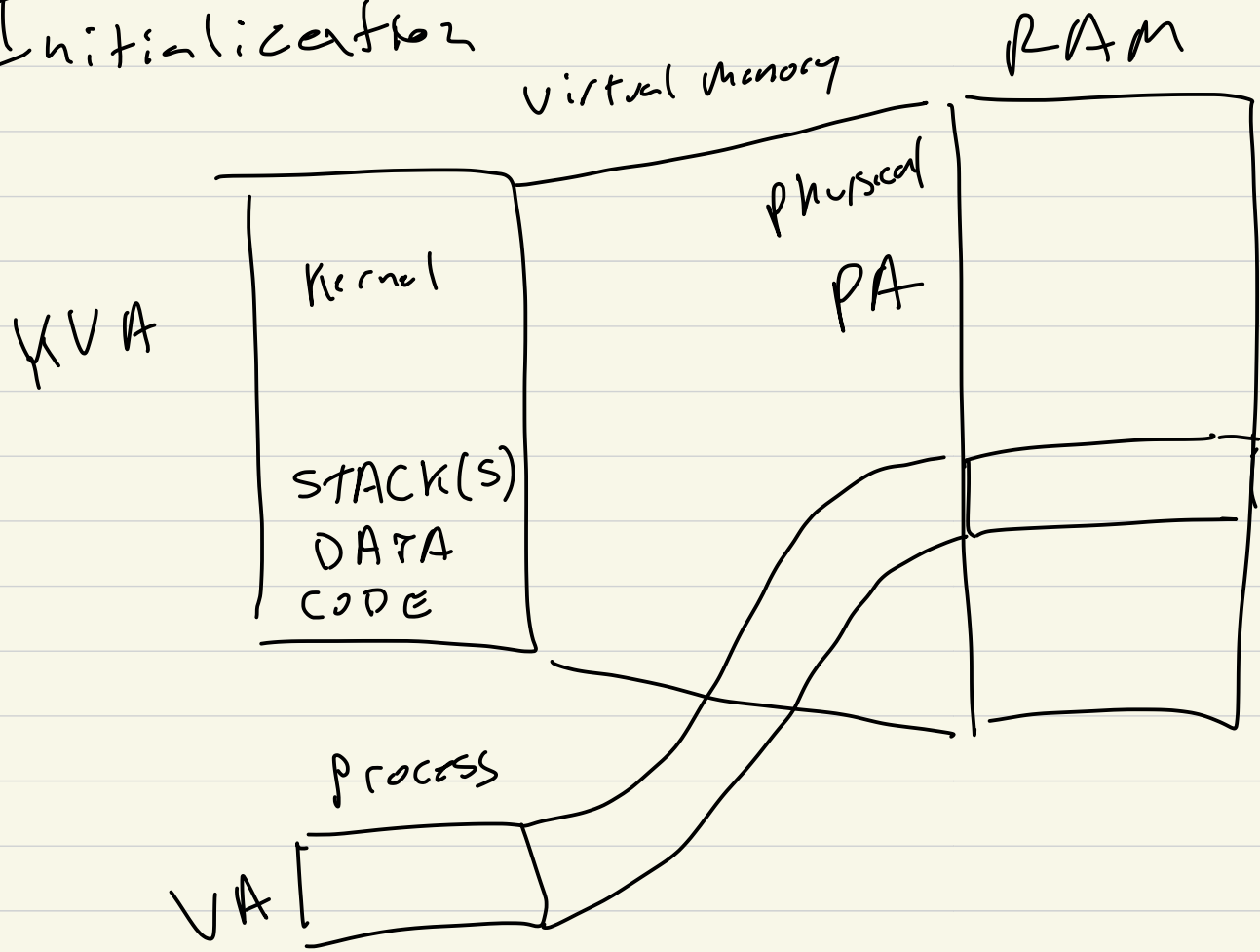


The Kernel



- ① Power on
- ② Load Kernel into RAM
- ③ Initialization

Initializer



Single CPU

