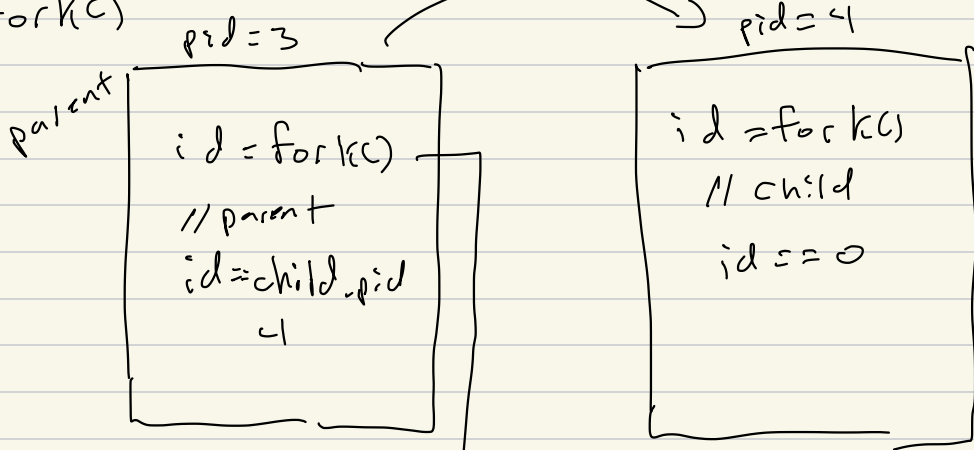


Review fork() / exec() redirection

Pipes

Kernel
fork()

copy

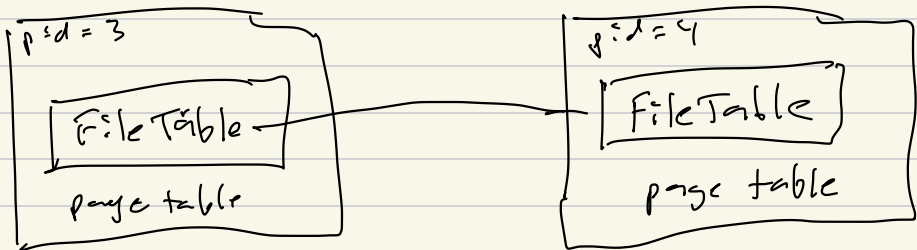


User

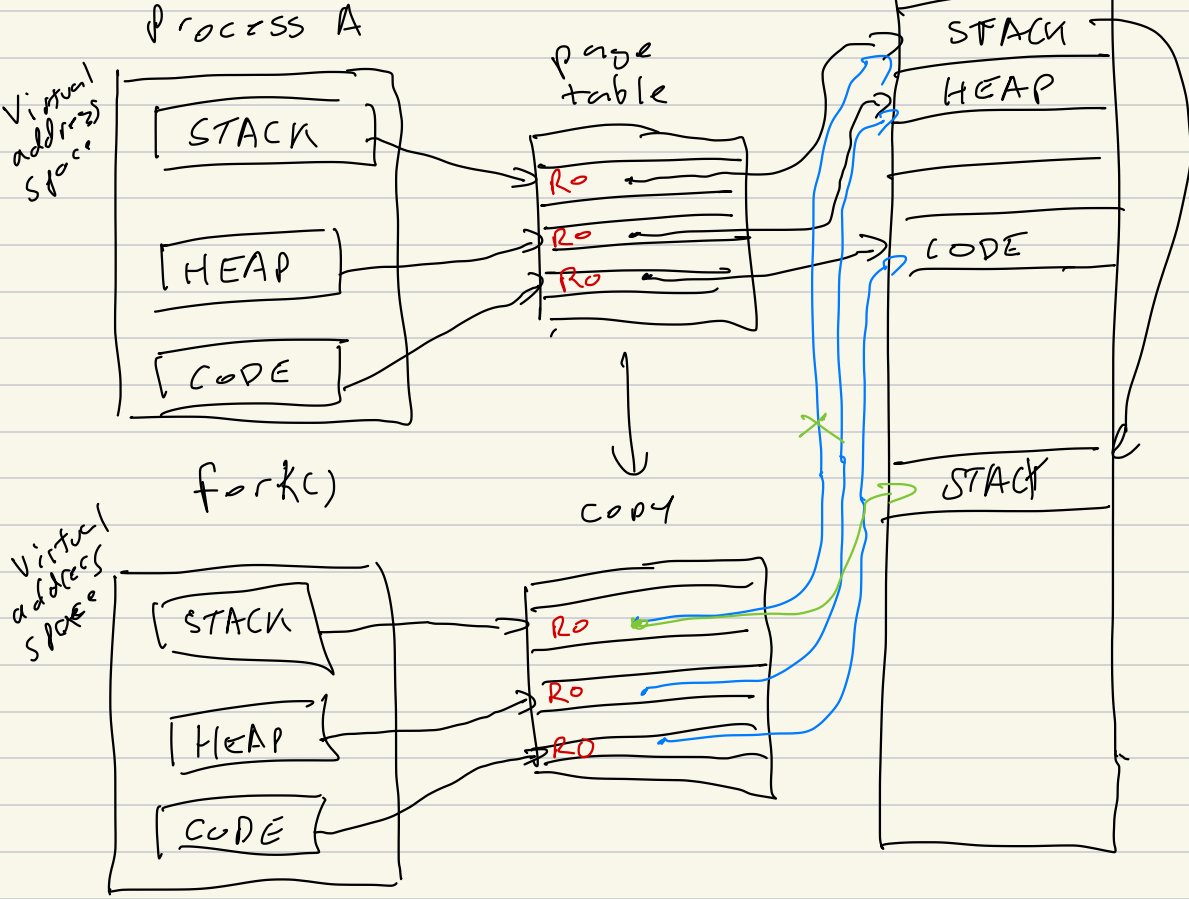
Kernel

sys_fork()

PCB

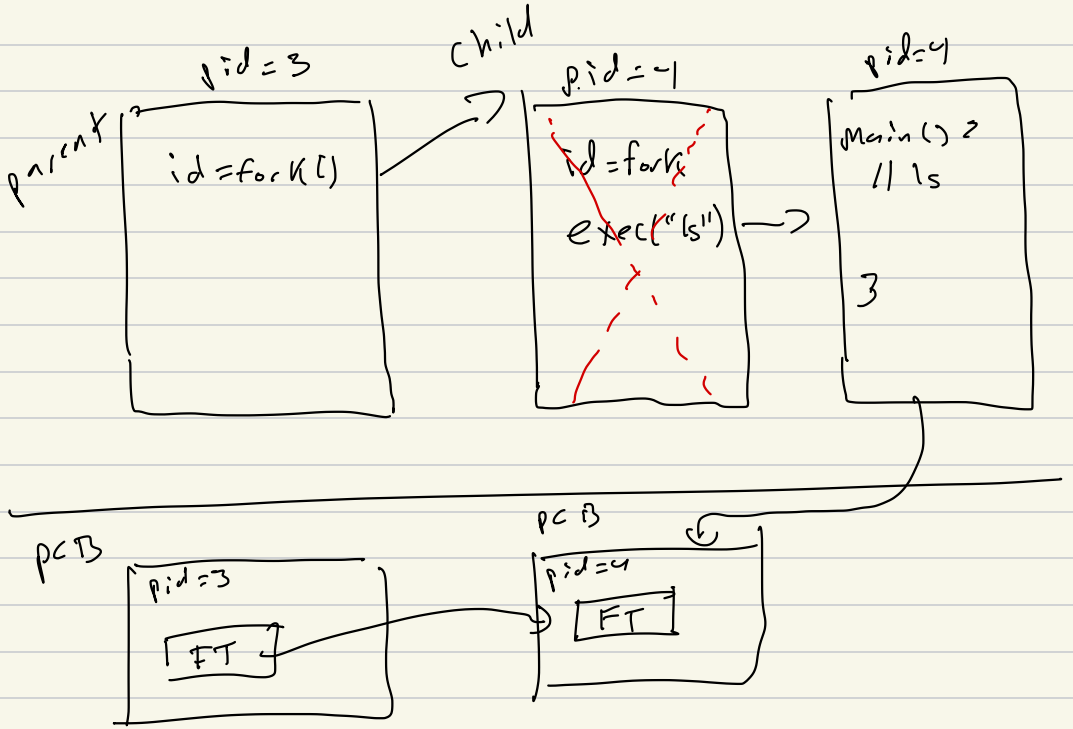


Copy on write

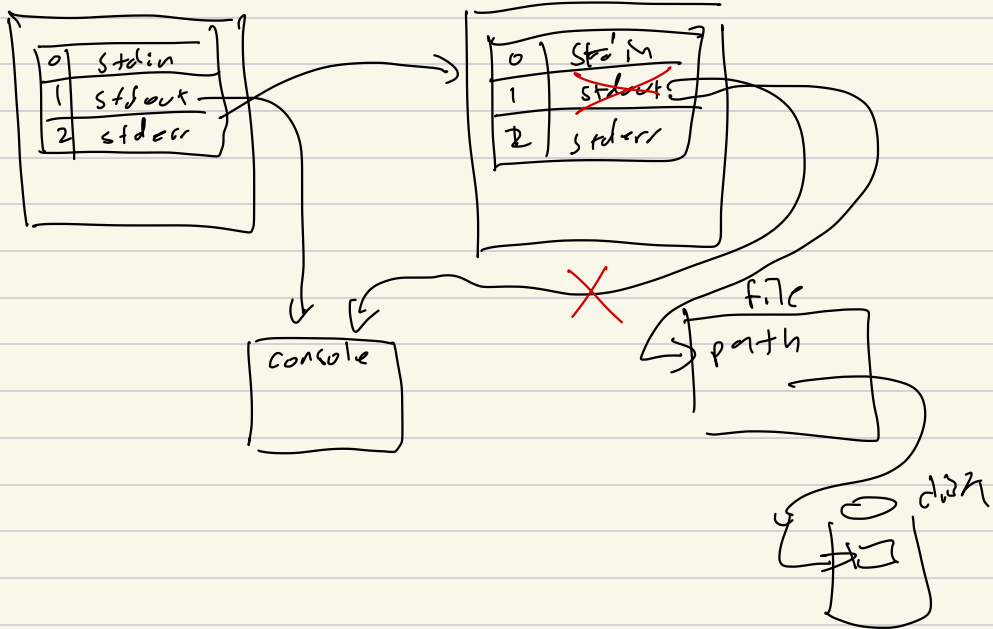
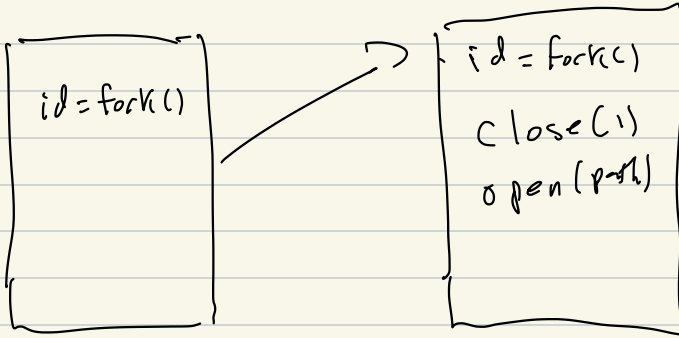


$$x = x + 1$$

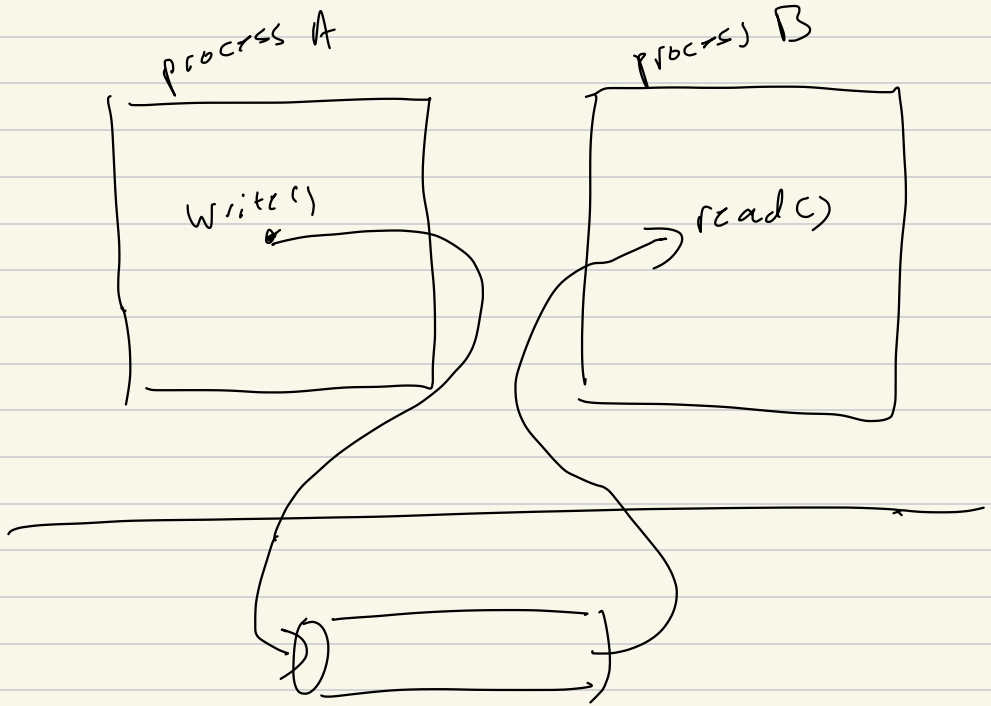
exec()



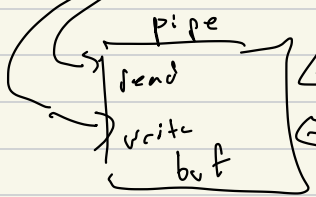
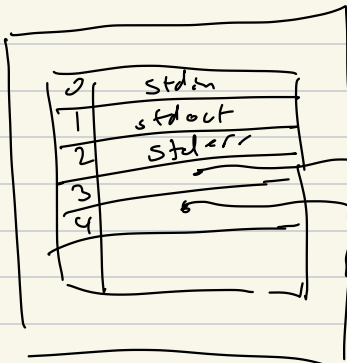
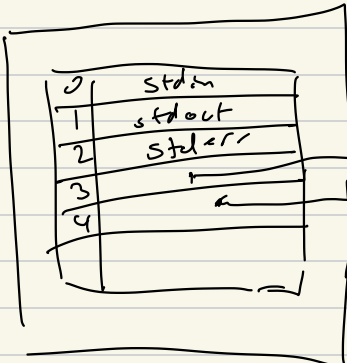
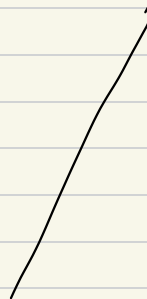
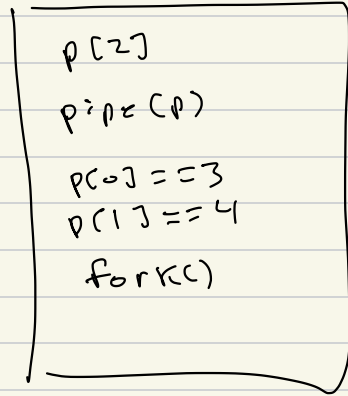
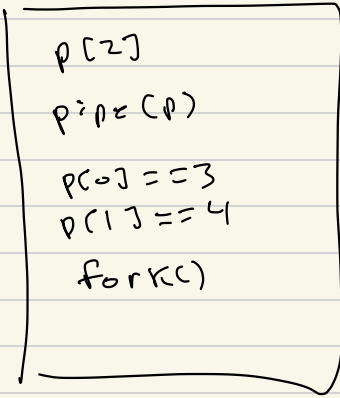
redirection



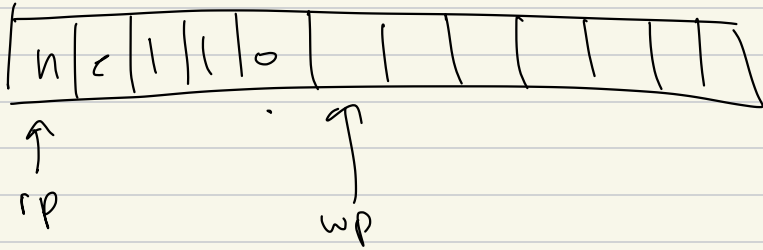
Pipes



Pipe



Pipe is a circular buffer



ex-`pipe2`

