CS 326-02 System Calls 2

Project 02 - sh history
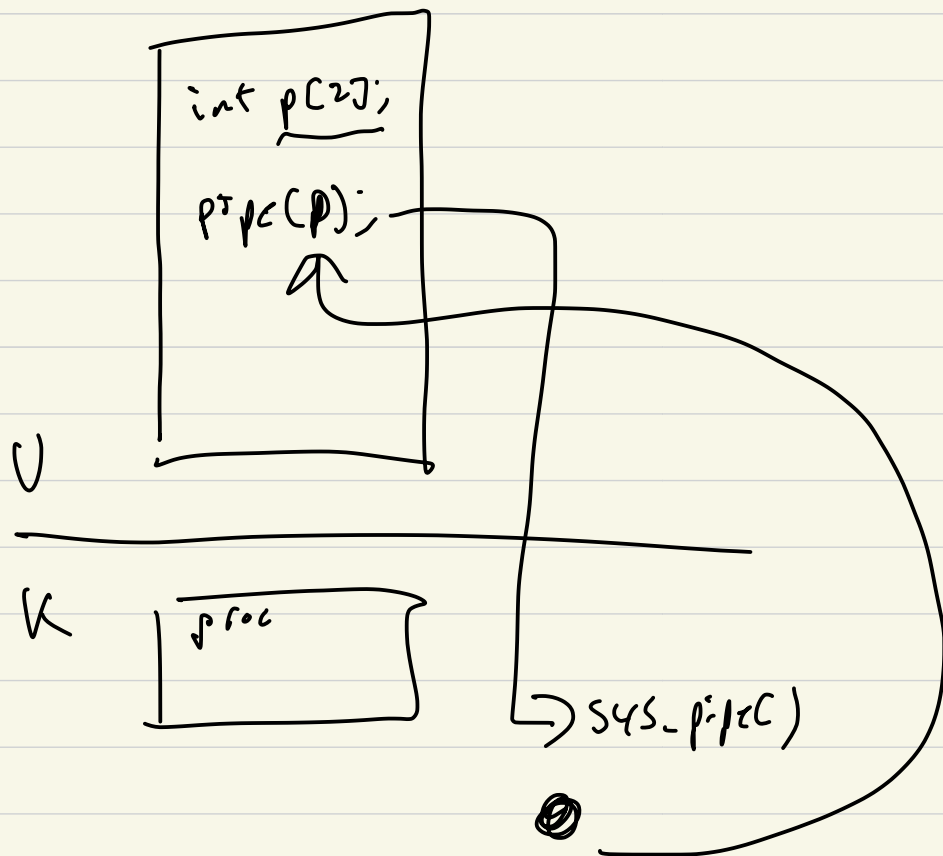
Lab 05 - Kernel (syscalls)
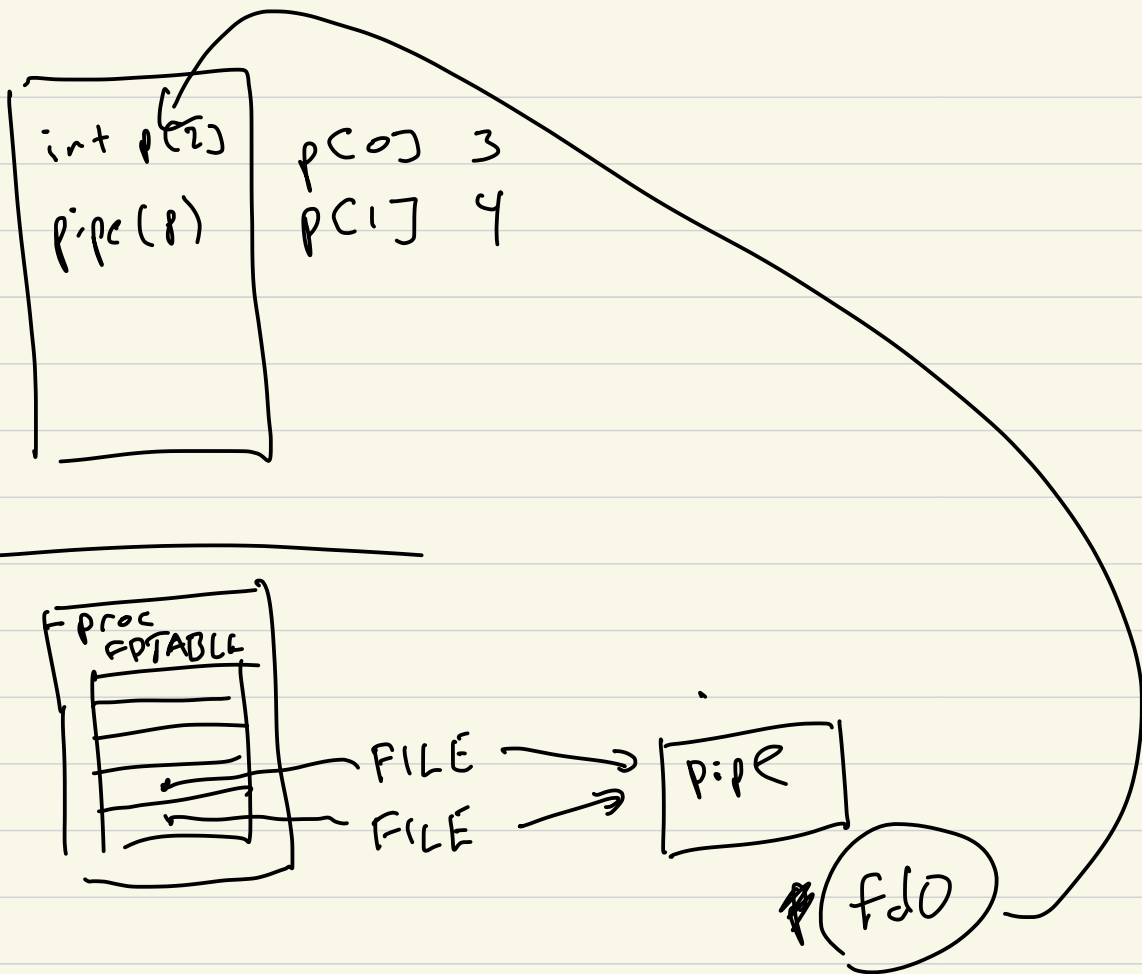
Project 03 - Kernel Scheduler

Today add syscall for pipecount

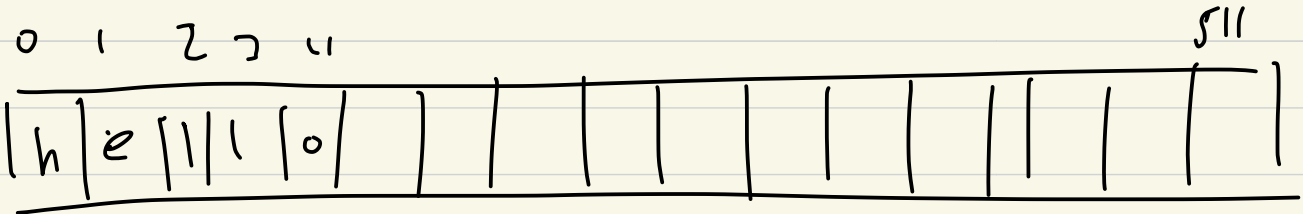int p[2];

pipe(p);

int p[2];

pipe(p);

U

K   proc

sys_pipe()

int p[2]

pipe(8)

p[0] 3
p[1] 4

U

K

proc
FDTABLE

FILE
FILE

pipe

fd0

copyout

pipe

0 1 2 3 4   511

| h | e | l | l | o | | | | | | | | | | | | | |

nwrite = 5
nread = 0

```
int p[2];

pipe(p);
.
.
.
pipecount (p[-])
```

`)`

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proc

k

FDTABLE

sys_pipecount( )

get int from
(fd)
user space

rtr

FILE

FILE — pipe