CS 208
Monday
Feb 21, 2022
const char *p

p is a char *
you can't write to
the mem where
p points.
char const * p

you can't change p after initialization

(i.e. p has to point one place forever)
OS

process table

0
1
3427

init

processes

sshd

pid
fd table
priority

forktest

BEFORE fork()
OS

process table

0

1

...:

3427

3428

AFTER fork()

init

sshd

processes

pid

dfd table

priority

forktest

copy of

pid = 3427
OS

process table

init

processes

AFTER

exec

3427

3428

forktest

copy of ls -l
ls | wc -l

1. fork
   1. redirect stdout
   2. exec ls

2. fork
   1. pipe
   2. exec wc -l

wait
wait
print prompt