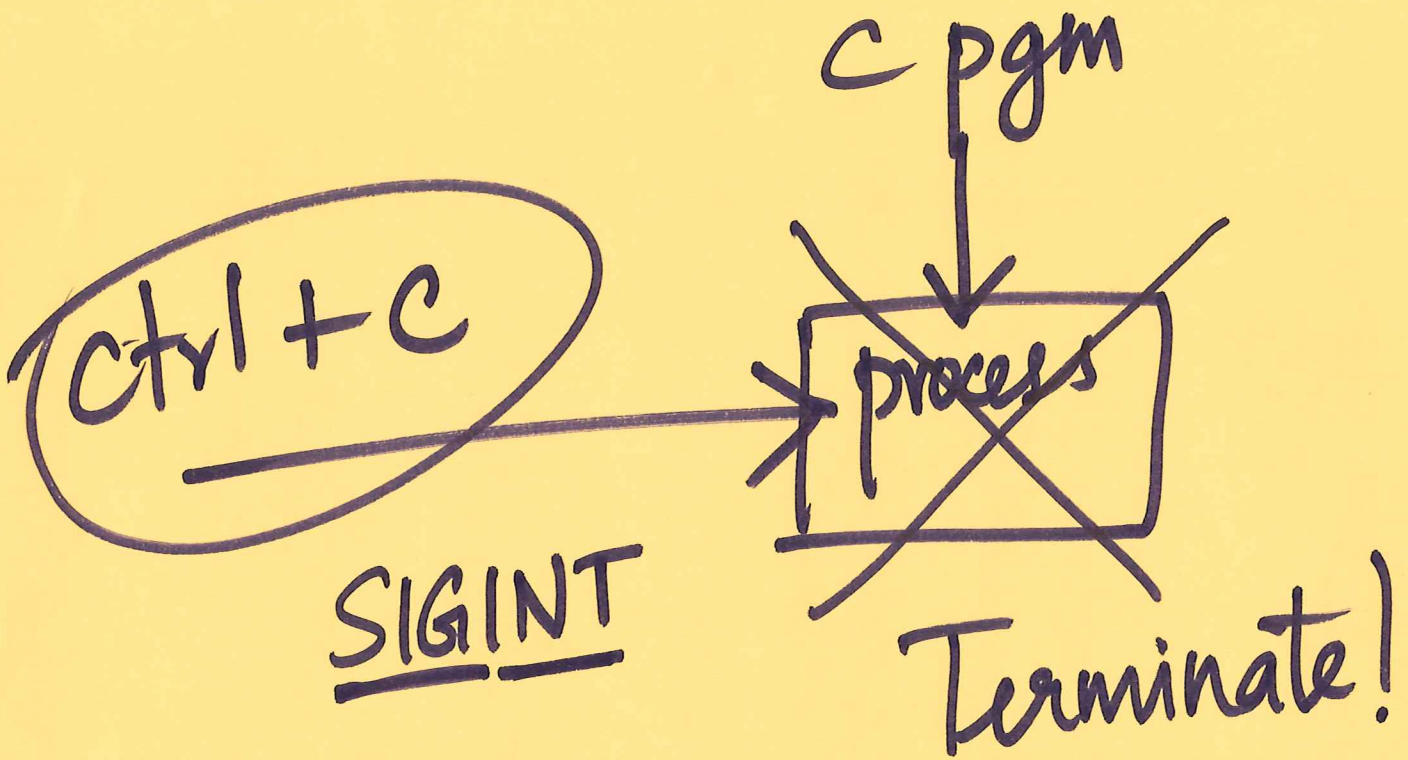


Signals



alarm(n)



SIGTSTP



Ctrl + Z

Interrupt

Instr.

-

I_{next}

Fault

-

I_{curr.}

System call

-

I_{next.}

read()

App



glibc

read()

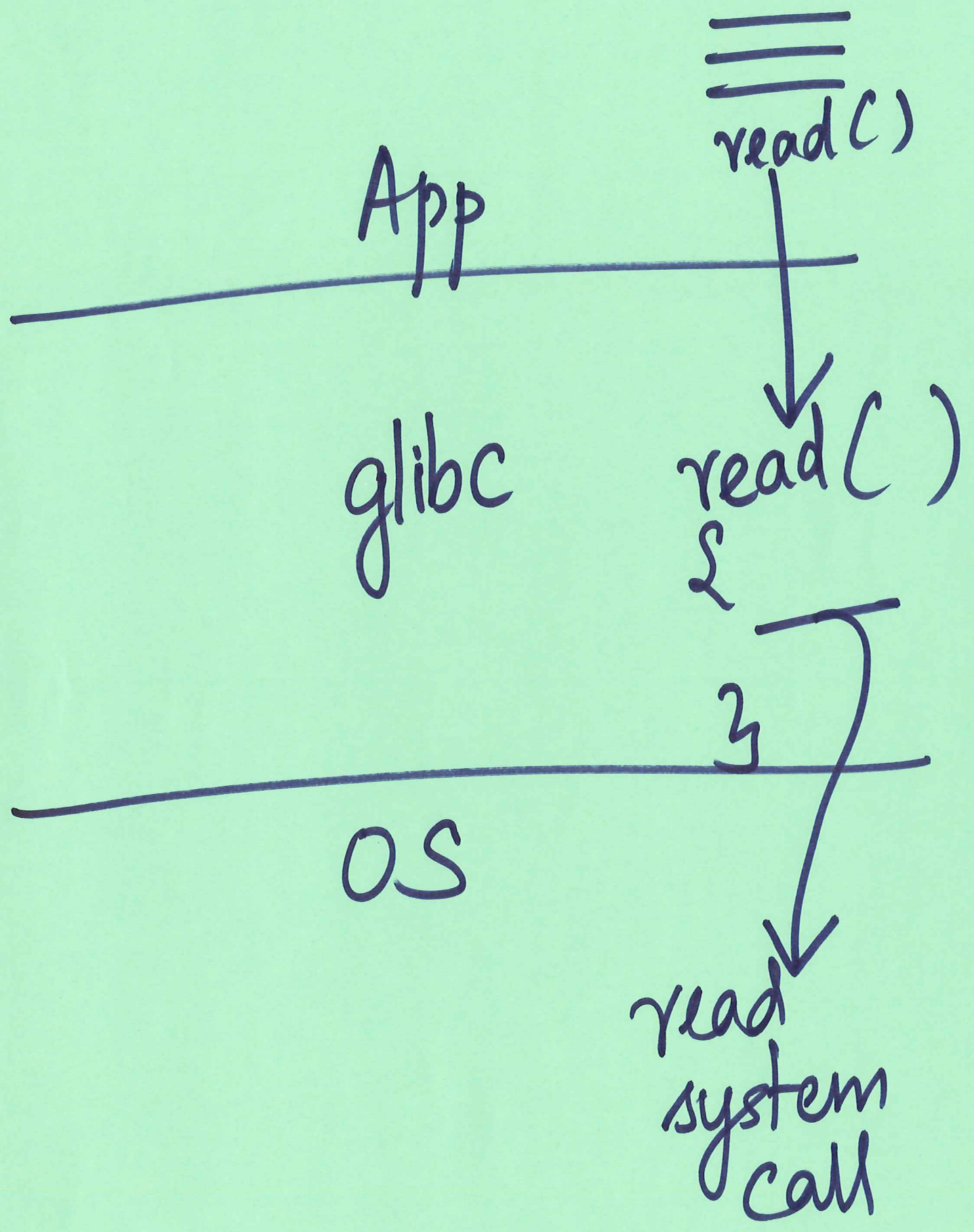


3



OS

read
system
call



Signals



access
addr 0x0

Ctrl+C → SIGINT

Ctrl+Z → SIGTSTP

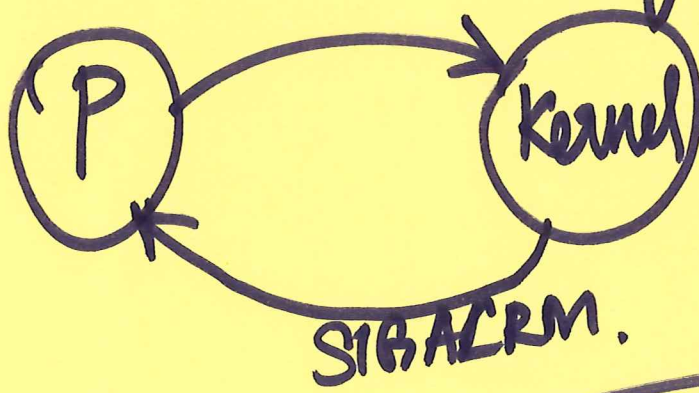
alarm(5) $\xrightarrow[\text{5 secs}]{\text{after}}$ SIGALRM

Receiving a signal

1. Terminate (default action)
2. Ignore.
3. Blocked
4. Handled.

Sending a signal

1. `alarm(n)` - sends a signal to itself.



2. `/bin/kill -9 process_id <pid>` → SIG KILL

3.

Kill (pid, sig#)

→ #include <sys/types.h>
#include <signal.h>