

Job control

- Send SIGSTOP signal to pause a process
- Send SIGCONT signal to resume a process

On command line:

```
kill -SIGSTOP pid
      -SIGCONT
```

Programmatically:

```
kill(pid, SIGSTOP/CONT);
```

waitpid (pid_t pid, int *status, int flags);

child you want to get info about, or -1 if you don't care to be specific

pointer to a collection of bits that tells you info about the child

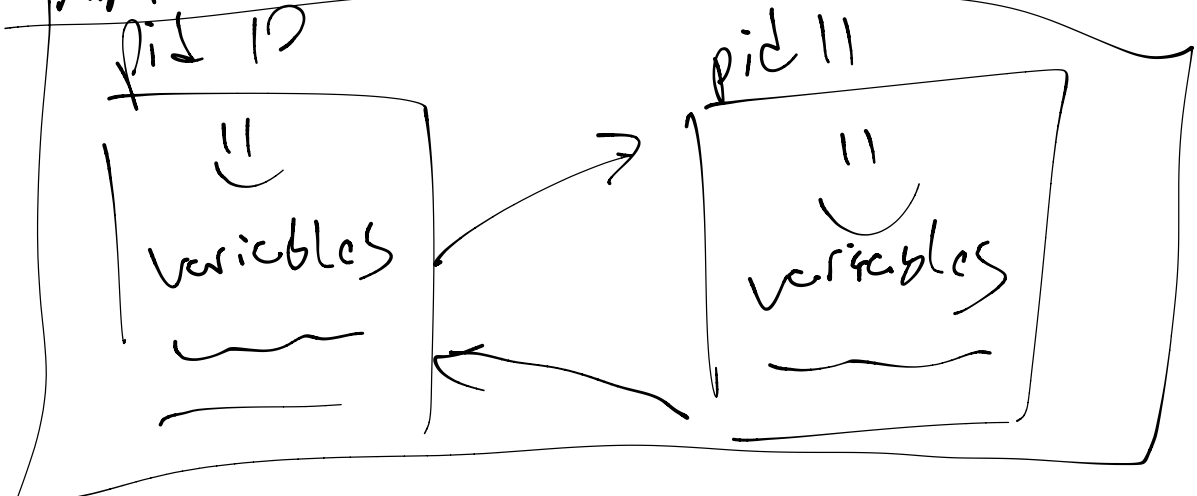
0: default: wait for child to terminate
WUNTRACED: wait for child to stop
WCONTINUED: wait for child to continue

Execvp:

runs an executable on the machine

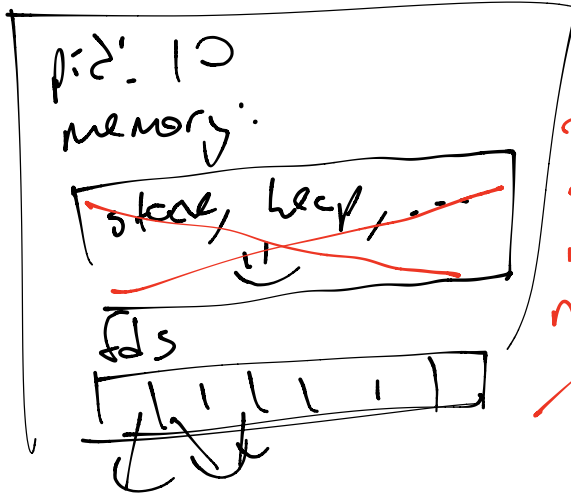
int execvp(const char *executable, char * const argv[]);

what we might want: → { "make", "clean", NULL }





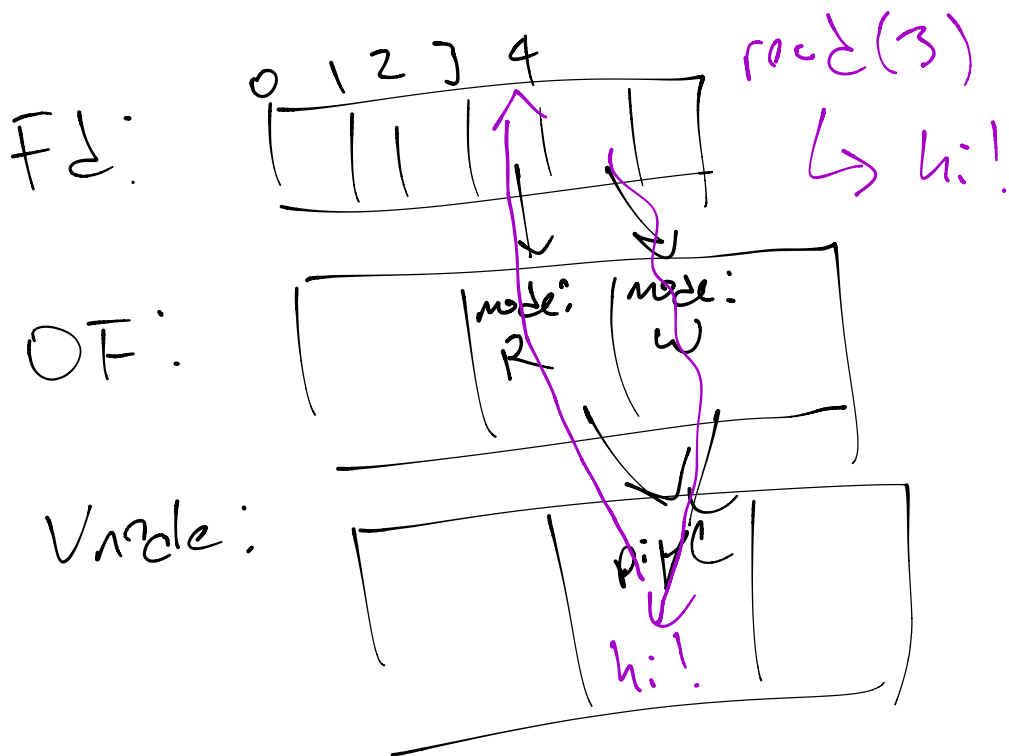
what actually happens



OS throws out virt mem, installs new heap/stack ✓ text segment

Pipes

Special file in memory with a write end that you can write to, and a read end that echoes those bytes



write is right

learn to read before you learn to write

read:

- If nothing is in the pipe, waits for at least 1 byte to be available
- If all ^{write} file descriptors are closed, no more data can ever go into the pipe \Rightarrow returns 0

