

#include<stdio.h>

#include<sys/types.h>

#include<sys/wait.h>

#include<unistd.h>

#include<assert.h>

int main(int argc, char \*argv[]){

int fds[2];

assert(pipe(fds) != -1);

pid\_t pid = fork();

assert(pid != -1);

if(pid == 0){

close(fds[0]);

assert(dup2(fds[1], 1) != -1);

assert(execlp("ps", "ps", "-ef", NULL) != -1);

}

close(fds[1]);

assert(dup2(fds[0], 0) != -1);

assert(execlp("wc", "wc", "-l", NULL) != -1);

return 0;

}

