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1. 소스코드

#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <sys/wait.h>

#include <sys/types.h>

#include "calTime.h"

#define EXIT\_CODE 1

int main(void){

struct timeval begin\_t, end\_t;

pid\_t pid;

int ret\_val, status;

gettimeofday(&begin\_t, NULL);

if((pid = fork() == 0)){ // 자식 프로세스

printf("child: pid = %d ppid = %d exit\_code = %d\n", getpid(), getppid(), EXIT\_CODE);

exit(EXIT\_CODE);

}

printf("parent: waiting for child = %d\n", pid);

ret\_val = wait(&status); // wait에 현재 상태 전달

printf("parent: return value = %d, ", ret\_val);

printf(" child's status = %x", status);

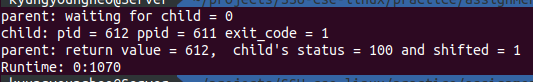
printf(" and shifted = %x\n", (status >> 8));

gettimeofday(&end\_t, NULL);

ssu\_runtime(&begin\_t, &end\_t);

exit(0);

}

2. 실행결과