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1. 소스코드

#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <fcntl.h>

#include <signal.h>

#include <sys/stat.h>

#include <sys/types.h>

int ssu\_daemon\_init(void);

int main(void){

pid\_t pid;

pid = getpid();

printf("parent process :%d\n", pid);

printf("daemon process initialization\n");

if(ssu\_daemon\_init() < 0) {

fprintf(stderr, "ssu\_daemon\_init failed\n");

exit(1);

}

exit(0);

}

int ssu\_daemon\_init(void) {

pid\_t pid;

int fd, maxfd;

if ((pid = fork()) < 0) {

fprintf(stderr, "fork error\n");

exit(1);

}

else if (pid != 0)

exit(0);

pid = getpid();

printf("process %d running as daemon\n", pid);

setsid();

signal(SIGTTIN, SIG\_IGN);

signal(SIGTTOU, SIG\_IGN);

signal(SIGTSTP, SIG\_IGN);

maxfd = getdtablesize();

for (fd = 0; fd < maxfd; fd++)

close(fd);

umask(0);

chdir("/");

fd = open("/dev/null", O\_RDWR);

dup(0);

dup(0);

return 0;

}

2. 실행결과

