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1. 소스코드

#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <fcntl.h>

#include <sys/types.h>

#include <sys/time.h>

#define SEC\_TO\_MICRO 1000000

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

struct timeval begin\_t, end\_t;

char \*fname = "ssu\_test.txt";

off\_t fsize;

int fd;

gettimeofday(&begin\_t, NULL);

if((fd = open(fname, O\_RDONLY)) < 0){

fprintf(stderr, "Open error for %s\n",fname);

exit(1);

}

if((fsize = lseek(fd, 0, SEEK\_END)) < 0){ // fd의 처음부터 파일의 끝까지 lseek

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

exit(1);

}

printf("The size of <%s> is %ld bytes.\n", fname, fsize);

gettimeofday(&end\_t, NULL);

end\_t.tv\_sec -= begin\_t.tv\_sec;

if(end\_t.tv\_usec < begin\_t.tv\_usec){

end\_t.tv\_sec--;

end\_t.tv\_usec += SEC\_TO\_MICRO;

}

end\_t.tv\_usec -= begin\_t.tv\_usec;

printf("Runtime: %ld:%ld\n",end\_t.tv\_sec, end\_t.tv\_usec);

exit(0);

}

2. 실행결과

