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1. 소스코드

<ssu\_creat\_2.c>

#include <stdio.h>

#include <stdlib.h>

#include <fcntl.h>

#include <unistd.h>

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

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

int fd;

// fname을 644로 creat, fd를 리턴받아서 에러처리.

if((fd = creat(fname, 0644)) < 0){

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

exit(1);

}

else{

// fd를 닫는다.

close(fd);

// RD,WR모드로 fname을 open

fd = open(fname, O\_RDWR);

printf("Successed!\n<%s> is new readable and writable\n", fname);

}

exit(0);

}

<calTime.h>

#include <stdio.h>

#include <unistd.h>

#include <sys/time.h>

#define SEC\_TO\_MICRO 1000000

void ssu\_runtime(struct timeval\* begin\_t, struct timeval\* end\_t){

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);

}

2. 실행결과

