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#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <sys/stat.h>

#include "calTime.h"

#define MODE\_EXEC (S\_IXUSR | S\_IXGRP | S\_IXOTH)

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

struct timeval begin\_t, end\_t;

struct stat statbuf;

gettimeofday(&begin\_t, NULL);

if(argc < 2){

fprintf(stderr, "Usage: %s <file1> <file2> ... <fileN>\n",argv[0]);

exit(1);

}

// stat 구조체

for(int i = 1; i < argc; i++){

if(stat(argv[i], &statbuf) < 0){

fprintf(stderr, "%s : stat error\n",argv[i]);

continue;

}

// statbuf bit masking

statbuf.st\_mode |= MODE\_EXEC;

statbuf.st\_mode ^= (S\_IXGRP | S\_IXOTH);

// chmod change

if(chmod(argv[i], statbuf.st\_mode) < 0){

fprintf(stderr, "%s : chmod error\n",argv[i]);

}

else {

printf("%s : file permission was changed.\n",argv[i]);

}

}

gettimeofday(&end\_t, NULL);

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

exit(0);

}

