#include <sys/types.h>

#include <fcntl.h>

#include <stdlib.h>

#include <unistd.h>

#define BUF\_SIZE 4096

#define OUTPUT\_MODE 0700

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

{

int in\_fd, out\_fd, rd\_count, wt\_count;

char buffer[BUF\_SIZE];

if (argc != 3) { exit(1); }

in\_fd = open(argv[1], O\_RDONLY);

if (in\_fd < 0) { exit(2); }

out\_fd = creat(argv[2], OUTPUT\_MODE);

if (out\_fd < 0) { exit(3); }

for (;;) {

rd\_count = read(in\_fd, buffer, BUF\_SIZE);

if (rd\_count <= 0) { break; }

wt\_count = write(out\_fd, buffer, rd\_count);

if (wt\_count <= 0) { exit(4); }

}

close(in\_fd);

close(out\_fd);

if (rd\_count == 0) { exit(0); }

exit(5);

}

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