

copy.c

A program that copies the contents of one file to a destination file.

Environmental dependencies

OS: CentOS-8.1.1911-x86_64

Language: C

Installation

Use GNU C Compiler to compile.

```
gcc copy.c -o copy
```

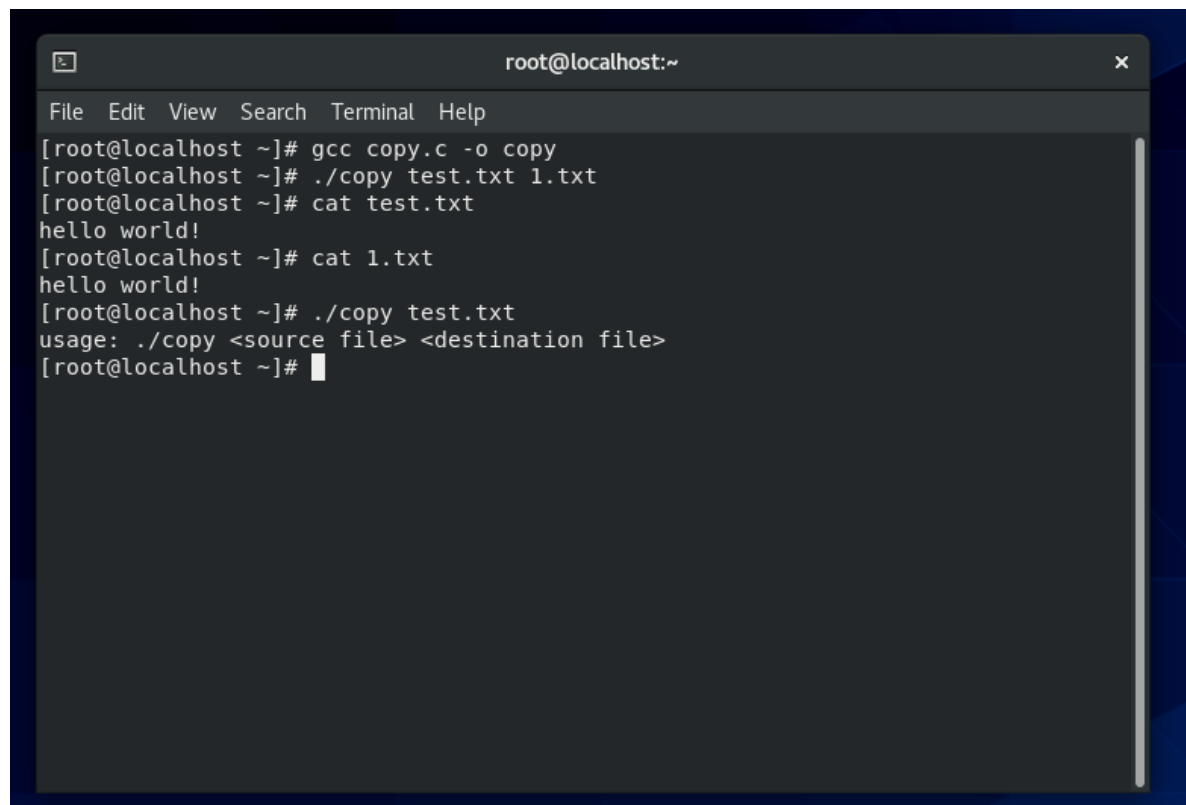
Usage

```
./copy <source file> <destination file>
```

Trace

```
strace ./copy
```

Screenshots



```
root@localhost:~  
File Edit View Search Terminal Help  
hello world!  
[root@localhost ~]# cat 1.txt  
hello world!  
[root@localhost ~]# ./copy test.txt  
usage: ./copy <source file> <destination file>  
[root@localhost ~]# strace ./copy  
execve("./copy", [ "./copy" ], 0x7ffe02f75c40 /* 43 vars */) = 0  
brk(NULL) = 0xce6000  
arch_prctl(0x3001 /* ARCH ??? */, 0x7fff0c2d2f70) = -1 EINVAL (Invalid argument)  
access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)  
openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3  
fstat(3, {st_mode=S_IFREG|0644, st_size=72089, ...}) = 0  
mmap(NULL, 72089, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fa002db3000  
close(3) = 0  
openat(AT_FDCWD, "/lib64/libc.so.6", O_RDONLY|O_CLOEXEC) = 3  
read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\2009\2\0\0\0\0"... , 832) = 832  
fstat(3, {st_mode=S_IFREG|0755, st_size=5993088, ...}) = 0  
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fa002db1000  
mmap(NULL, 3942432, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fa0027da000  
mprotect(0x7fa002993000, 2097152, PROT_NONE) = 0  
mmap(0x7fa002b93000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENY
```

Contact

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