

NAME

open – open for reading or writing

SYNOPSIS

(open = 5.)

sys open; name; mode

(file descriptor in r0)

open(name, mode)

char *name;

DESCRIPTION

Open opens the file *name* for reading (if *mode* is 0), writing (if *mode* is 1) or for both reading and writing (if *mode* is 2). *Name* is the address of a string of ASCII characters representing a path name, terminated by a null character.

The returned file descriptor should be saved for subsequent calls to *read*, *write*, and *close*.

SEE ALSO

creat(II), read(II), write(II), close(II)

DIAGNOSTICS

The error bit (c-bit) is set if the file does not exist, if one of the necessary directories does not exist or is unreadable, if the file is not readable (resp. writable), or if too many files are open. From C, a -1 value is returned on an error.