NAME

chmod – change mode of file

SYNOPSIS

(chmod = 15.)
sys chmod; name; mode

chmod(name, mode)
char *name;

DESCRIPTION

The file whose name is given as the null-terminated string pointed to by *name* has its mode changed to *mode.*
Modes are constructed by ORing together some combination of the following:

        4000 set user ID on execution
        2000 set group ID on execution
        1000 save text image after execution
        0400 read by owner
        0200 write by owner
        0100 execute (search on directory) by owner
        0070 read, write, execute (search) by group
        0007 read, write, execute (search) by others

Only the owner of a file (or the super-user) may change the mode. Only the super-user can set the 1000 mode.

SEE ALSO

chmod(I)

DIAGNOSTIC

Error bit (c-bit) set if *name* cannot be found or if current user is neither the owner of the file nor the super-user. From C, a −1 returned value indicates an error, 0 indicates success.