

EXEC(c)

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NAME

exec — open file for execution

SYNOPSIS

exec = 5.

ARGUMENTS(input)

capability associated with working directory of sender process
0 - name byte offset into message
1 - pathname of file

VALUES(returned)

fm_uid (conditional)
fm_gid (conditional)
0 - capability number of file.

DESCRIPTION

This message is sent by a UNIX supervisor to open a file for execution. The execute permission bits are checked. If the ISUID bit is set in the file inode, the uid of the file is returned in the acknowledgement message. The same is true for the ISGID bit. The capability associated with the file opened for execution is added to the process PCB of the sender process.

SEE ALSO

open(II), open(c).

DIAGNOSTICS

An error status byte is returned if the file is not executable.