

FALLOC(c)

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NAME

falloc — allocate contiguous space for a file

SYNOPSIS

falloc = 24.

ARGUMENTS(input)

capability associated with working directory of sender process
0 - name byte offset into message
1 - mode
2,3 - size (in bytes)
4 - pathname of file

VALUES(returned)

0 - capability number of file.
1 - file type
4 - number of contiguous blocks allocated

DESCRIPTION

Falloc creates a new file specified by the given pathname with mode bits set to *mode* (see *chmod(II)*). The contiguous bit is also set for this file. Contiguous file space is allocated on secondary to make room for the specified number of bytes. The file is opened for writing. When the file is closed, any extra blocks beyond the size of the file are not freed up as in the case of a normal file. The capability associated with the file is added to the PCB of the message sender process.

SEE ALSO

creat(II), *chmod(II)*, *creat(c)*, *chmod(c)*.

DIAGNOSTICS

An error status byte is returned if the file already exists, a needed directory is not searchable, or the directory in which the file is to be created is not writeable.