

## CREAT(c)

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### NAME

creat -- creat a new file

### SYNOPSIS

creat = 8.

### ARGUMENTS(input)

capability associated with working directory of sender process

0 - name byte offset into message

1 - mode bits

2 - file pathname

### VALUES(returned)

0 - capability number of file

1 - file type

2 - process number (for device file only)

3 - channel number (for device file only)

4,5 - size of file

### DESCRIPTION

*Creat* creates a new file or opens the existing file specified by the null-terminated pathname in the message. If the file did not exist, it is given mode *mode* (see *chmod(II)*). If the file did exist, its mode and owner remain unchanged but it is truncated to 0 length; however, its extents are not released. The file is opened for writing.

The capability associated with the file is added to the PCB of the sender of the message.

### SEE ALSO

*write(II)*, *close(II)*, *stat(II)*, *write(c)*, *close(c)*.

### DIAGNOSTICS

An error status byte is returned if a needed directory is not searchable, the file does not exist and the directory in which it is to be created is not writable, the file does exist and is unwritable or the file is a directory.