NAME

seek − move read/write pointer

SYNOPSIS

(seek = 19.)
(file descriptor in r0)
sys seek; offset; ptrname

seek(fildes, offset, ptrname)

DESCRIPTION

The file descriptor refers to a file open for reading or writing. The read (resp. write) pointer for the file is set as follows:

if *ptrname* is 0, the pointer is set to *offset.*

if *ptrname* is 1, the pointer is set to its current location plus *offset.*

if *ptrname* is 2, the pointer is set to the size of the file plus *offset.*

if *ptrname* is 3, 4 or 5, the meaning is as above for 0, 1 and 2 except that the offset is multiplied by 512.

If *ptrname* is 0 or 3, *offset* is unsigned, otherwise it is signed.

SEE ALSO

open(II), creat(II), tell(II)

DIAGNOSTICS

The error bit (c-bit) is set for an undefined file descriptor. From C, a −1 return indicates an error.