Chandra X-ray Center

AHELP for CIAO 3.4

lseek

Context: slangrtl

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Synopsis

Reposition a file descriptor's file pointer

Syntax

```
Long_Type lseek (FD_Type fd, Long_Type ofs, int mode)
```

Description

The lseek function repositions the file pointer associated with the open file descriptor fp to offset ofs according to the mode parameter. Specifically, mode must be one of the values:

```
SEEK_SET    Set the offset to ofs
SEEK_CUR    Add ofs to the current offset
SEEK_END    Add ofs to the current file size
```

Upon error, lseek returns −1 and sets errno. If successful, it returns the new filepointer offset.

Not all file descriptors are capable of supporting the seek operation, e.g., a descriptor associated with a pipe.

By using SEEK_END with a positive value of the ofs parameter, it is possible to position the file pointer beyond the current size of the file.

See Also

slangrtl
    close, dup_fd, fdopen, fileno, fseek, ftell, open, read, write