

*AHELP for CIAO 3.4*

lseek

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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 <code>ofs</code>
SEEK_CUR	Add <code>ofs</code> to the current offset
SEEK_END	Add <code>ofs</code> 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

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[close](#), [dup_fd](#), [fdopen](#), [fileno](#), [fseek](#), [ftell](#), [open](#), [read](#), [write](#)

