

NAME

`fseeko`, `ftello` - seek to or report file position

SYNOPSIS

```
#include <stdio.h>
```

```
int fseeko(FILE *stream, off_t offset, int whence);
```

```
off_t ftello(FILE *stream);
```

Feature Test Macro Requirements for glibc (see [feature_test_macros\(7\)](#)):

```
fseeko(), ftello():
```

```
  _FILE_OFFSET_BITS == 64 || _POSIX_C_SOURCE >= 200112L ||
```

```
  _XOPEN_SOURCE >= 600
```

(defining the obsolete `_LARGEFILE_SOURCE` macro also works)

DESCRIPTION

The `fseeko()` and `ftello()` functions are identical to [fseek\(3\)](#) and [ftell\(3\)](#) (see [fseek\(3\)](#)), respectively, except that the *offset* argument of `fseeko()` and the return value of `ftello()` is of type *off_t* instead of *long*.

On some architectures, both *off_t* and *long* are 32-bit types, but defining `_FILE_OFFSET_BITS` with the value 64 (before including *any* header files) will turn *off_t* into a 64-bit type.

RETURN VALUE

On successful completion, `fseeko()` returns 0, while `ftello()` returns the current offset. Otherwise, -1 is returned and *errno* is set to indicate the error.

ERRORS

See the ERRORS in [fseek\(3\)](#).

VERSIONS

These functions are available under glibc since version 2.1.

CONFORMING TO

SUSv2, POSIX.1-2001.

NOTES

These functions are found on System V-like systems.

SEE ALSO

[fseek\(3\)](#)

COLOPHON

This page is part of release 3.74 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <http://www.kernel.org/doc/man-pages/>.