

**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
```

(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.

**ATTRIBUTES**

For an explanation of the terms used in this section, see **attributes(7)**.

| Interface                         | Attribute     | Value   |
|-----------------------------------|---------------|---------|
| <b>fseeko()</b> , <b>ftello()</b> | Thread safety | MT-Safe |

**CONFORMING TO**

POSIX.1-2001, POSIX.1-2008, SUSv2.

**SEE ALSO**

**fseek(3)**

**COLOPHON**

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