

**NAME**

`_llseek` – reposition read/write file offset

**SYNOPSIS**

```
#include <sys/types.h>
```

```
#include <unistd.h>
```

```
int _llseek(unsigned int fd, unsigned long offset_high,  
            unsigned long offset_low, loff_t *result,  
            unsigned int whence);
```

*Note:* There is no glibc wrapper for this system call; see NOTES.

**DESCRIPTION**

The `_llseek()` system call repositions the offset of the open file description associated with the file descriptor `fd` to  $(offset\_high < 32) | offset\_low$  bytes relative to the beginning of the file, the current file offset, or the end of the file, depending on whether `whence` is `SEEK_SET`, `SEEK_CUR`, or `SEEK_END`, respectively. It returns the resulting file position in the argument `result`.

This system call exists on various 32-bit platforms to support seeking to large file offsets.

**RETURN VALUE**

Upon successful completion, `_llseek()` returns 0. Otherwise, a value of `-1` is returned and `errno` is set to indicate the error.

**ERRORS****EBADF**

`fd` is not an open file descriptor.

**EFAULT**

Problem with copying results to user space.

**EINVAL**

`whence` is invalid.

**CONFORMING TO**

This function is Linux-specific, and should not be used in programs intended to be portable.

**NOTES**

Glibc does not provide a wrapper for this system call. To invoke it directly, use [syscall\(2\)](#). However, you probably want to use the [lseek\(2\)](#) wrapper function instead.

**SEE ALSO**

[lseek\(2\)](#), [open\(2\)](#), [lseek64\(3\)](#)

**COLOPHON**

This page is part of release 4.16 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 <https://www.kernel.org/doc/man-pages/>.