

**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);
```

**DESCRIPTION**

The `_llseek()` function repositions the offset of the open file associated with the file descriptor *fd* to (*offset\_high* << 32) / *offset\_low* bytes relative to the beginning of the file, the current position in the file, 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*.

**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; call it using `syscall(2)`.

**SEE ALSO**

`lseek(2)`, `lseek64(3)`

**COLOPHON**

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.