



Linux Ubuntu 26.04 Manual Pages on command 'lutimes.3'

\$ man lutimes.3

futimes(3) Library Functions Manual futimes(3)

NAME

futimes, lutimes - change file timestamps

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

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

```
int futimes(int fd, const struct timeval tv[2]);
```

```
int lutimes(const char *path, const struct timeval tv[2]);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

futimes(), lutimes():

Since glibc 2.19:

 _DEFAULT_SOURCE

glibc 2.19 and earlier:

 _BSD_SOURCE

DESCRIPTION

futimes() changes the access and modification times of a file in the same way as utimes(2), with the difference that the file whose timestamps are to be changed is specified via a file descriptor, fd, rather than via a pathname.

lutimes() changes the access and modification times of a file in the same way as utimes(2), with the difference that if path refers to a symbolic link, then the link is not dereferenced: instead, the timestamps of the symbolic link are changed.

RETURN VALUE

On success, zero is returned. On error, -1 is returned, and errno is set to indicate the error.

ERRORS

Errors are as for utimes(2), with the following additions for futimes():

EBADF fd is not a valid file descriptor.

ENOSYS The /proc filesystem could not be accessed.

The following additional error may occur for lutimes():

ENOSYS The kernel does not support this call; Linux 2.6.22 or later is required.

ATTRIBUTES

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

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? Interface ? Attribute ? Value ?

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? futimes(), lutimes() ? Thread safety ? MT-Safe ?

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STANDARDS

Linux, BSD.

HISTORY

futimes()

glibc 2.3.

lutimes()

glibc 2.6.

NOTES

lutimes() is implemented using the utimensat(2) system call.

SEE ALSO

utime(2), utimensat(2), symlink(7)