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Rocky Enterprise Linux 9.2 Manual Pages on command 'futimes.3'

\$ man futimes.3

FUTIMES(3) Linux Programmer's Manual FUTIMES(3)

NAME

 futimes, lutimes - change file timestamps

SYNOPSIS

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

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

```
int lutimes(const char *filename, 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 filename 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 appropriately.

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.

VERSIONS

futimes() is available since glibc 2.3. lutimes() is available since glibc 2.6, and is implemented using the utimensat(2) system call, which is supported since kernel 2.6.22.

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 ?

??

CONFORMING TO

These functions are not specified in any standard. Other than Linux, they are available only on the BSDs.

SEE ALSO

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

COLOPHON

This page is part of release 5.10 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/>.