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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 time stamps 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 time stamps 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():

times():

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).

??

?Interface ? Attribute ? Value ?

??

?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/>.

Linux

2017-09-15

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