Red Hat Enterprise Linux Release 9.2 Manual Pages on 'futimes.3' command

$ 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 fu?
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 at?
tributes(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/.