Rocky Enterprise Linux 9.2 Manual Pages on command 'futimesat.2'

C:\>man futimesat.2

FUTIMESAT(2) Linux Programmer's Manual FUTIMESAT(2)

NAME

futimesat - change timestamps of a file relative to a directory file descriptor

SYNOPSIS

```
#include <fcntl.h> /* Definition of AT_* constants */
#include <sys/time.h>
int futimesat(int dirfd, const char *pathname,
              const struct timeval times[2]);
```

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

futimesat(): _GNU_SOURCE

DESCRIPTION

This system call is obsolete. Use utimensat(2) instead.

The futimesat() system call operates in exactly the same way as utimes(2), except for the differences described in this manual page.

If the pathname given in pathname is relative, then it is interpreted relative to the directory referred to by the file descriptor dirfd (rather than relative to the current working directory of the calling process, as is done by utimes(2) for a relative pathname).

If pathname is relative and dirfd is the special value AT_FDCWD, then pathname is interpreted relative to the current working directory of the calling process (like utimes(2)).

If pathname is absolute, then dirfd is ignored.

RETURN VALUE

On success, futimesat() returns a 0. On error, -1 is returned and errno is set to indicate the error.

ERRORS

The same errors that occur for utimes(2) can also occur for futimesat(). The following additional errors can occur for futimesat():

EBADF dirfd is not a valid file descriptor.

ENOTDIR

pathname is relative and dirfd is a file descriptor referring to a file other than a directory.

VERSIONS

futimesat() was added to Linux in kernel 2.6.16; library support was added to glibc in version 2.4.

CONFORMING TO

This system call is nonstandard. It was implemented from a specification that was proposed for POSIX.1, but that specification was replaced by the one for utimensat(2).

A similar system call exists on Solaris.

NOTES

Glibc notes

If pathname is NULL, then the glibc futimesat() wrapper function updates the times for the file referred to by dirfd.

SEE ALSO

stat(2), utimensat(2), utimes(2), futimes(3), path_resolution(7)

COLOPHON

This page is part of release 5.05 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/.