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   This system call is obsolete.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 4.16 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/.