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***Rocky Enterprise Linux 9.2 Manual Pages on command 'ftime.3'***

**\$ man ftime.3**

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

NAME

ftime - return date and time

SYNOPSIS

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

int ftime(struct timeb *tp);
```

DESCRIPTION

NOTE: This function is deprecated, and will be removed in a future version of the GNU C library. Use clock\_gettime(2) instead.

This function returns the current time as seconds and milliseconds since the Epoch, 1970-01-01 00:00:00 +0000 (UTC). The time is returned in tp, which is declared as fol?

lows:

```
struct timeb {
    time_t    time;
    unsigned short millitm;
    short     timezone;
    short     dstflag;
};
```

Here time is the number of seconds since the Epoch, and millitm is the number of milliseconds since time seconds since the Epoch. The timezone field is the local timezone measured in minutes of time west of Greenwich (with a negative value indicating minutes east of Greenwich). The dstflag field is a flag that, if nonzero, indicates that Daylight Saving time applies locally during the appropriate part of the year.

POSIX.1-2001 says that the contents of the `timezone` and `dstflag` fields are unspecified; avoid relying on them.

## RETURN VALUE

This function always returns 0. (POSIX.1-2001 specifies, and some systems document, a -1 error return.)

## 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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?`ftime()` ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

4.2BSD, POSIX.1-2001. POSIX.1-2008 removes the specification of `ftime()`.

This function is obsolete. Don't use it. If the time in seconds suffices, `time(2)` can be used; `gettimeofday(2)` gives microseconds; `clock_gettime(2)` gives nanoseconds but is not as widely available.

## BUGS

Early `glibc2` is buggy and returns 0 in the `millitm` field; `glibc 2.1.1` is correct again.

## SEE ALSO

`gettimeofday(2)`, `time(2)`

## 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/>.