## 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 ver?

    sion 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 follows:

```
    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 time‐zone 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 sys‐tems document, a -1 error return.)

ATTRIBUTES

For an explanation of the terms used in this section, see at‐tributes(7).

?????????????????????????????????????????
?Interface ? Attribute    ? Value   ?
?????????????????????????????????????????
?ftime()   ? Thread safety ? MT-Safe ?
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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This function is obsolete.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 suf‐fices, 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/.