NAME
time – time functions for gawk

SYNOPSIS
```
@load "time"

time = gettimeofday()
ret = sleep(amount)
```

CAUTION
This extension is deprecated in favor of the **timex** extension in the *gawkextlib* project. In the next major release of *gawk*, loading it will issue a warning. It will be removed from the *gawk* distribution in the major release after the next one.

DESCRIPTION
The *time* extension adds two functions named **gettimeofday()** and **sleep()**, as follows.

gettimeofday()
This function returns the number of seconds since the Epoch as a floating-point value. It should have subsecond precision. It returns −1 upon error and sets **ERRNO** to indicate the problem.

sleep(seconds**)**
This function attempts to sleep for the given amount of seconds, which may include a fractional portion. If *seconds* is negative, or the attempt to sleep fails, then it returns −1 and sets **ERRNO**. Otherwise, the function should return 0 after sleeping for the indicated amount of time.

EXAMPLE
```
@load "time"
...
printf "It is now %g seconds since the Epoch\n", gettimeofday()
printf "Pausing for a while... " ; sleep(2.5) ; print "done"
```

SEE ALSO
GAWK: Effective AWK Programming, *filefuncs*(3am), *fnmatch*(3am), *fork*(3am), *inplace*(3am), *ordchr*(3am), *readdir*(3am), *readfile*(3am), *revoutput*(3am), *rwarray*(3am).

gettimeofday(2), *nanosleep*(2), *select*(2).

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