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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'time.3am' command***

**\$ man time.3am**

TIME(3am) GNU Awk Extension Modules TIME(3am)

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 ER?

RNO. 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), rvarray(3am).  
gettimeofday(2), nanosleep(2), select(2).

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