



Rocky Enterprise Linux 9.2 Manual Pages on command 'time.3am'

C:\>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)
```

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), in? place(3am), ordchr(3am), readdir(3am), readfile(3am), revoutput(3am), rvarray(3am).
gettimeofday(2), nanosleep(2), select(2).

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