



Linux Ubuntu 26.04 Manual Pages on command 'getloadavg.3'

\$ man getloadavg.3

getloadavg(3) Library Functions Manual getloadavg(3)

NAME

getloadavg - get system load averages

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdlib.h>
```

```
int getloadavg(double loadavg[], int n);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

getloadavg():

Since glibc 2.19:

 _DEFAULT_SOURCE

In glibc up to and including 2.19:

 _BSD_SOURCE

DESCRIPTION

The `getloadavg()` function returns the number of processes in the system run queue averaged over various periods of time. Up to `n` samples are retrieved and assigned to successive elements of `loadavg[]`. The system imposes a maximum of 3 samples, representing averages over the last 1, 5, and 15 minutes, respectively.

RETURN VALUE

If the load average was unobtainable, -1 is returned; otherwise, the number of samples actually retrieved is returned.

ATTRIBUTES

[illegible]

BSD.

4.3BSD-Reno, Solaris. glibc 2.2.

uptime(1), proc(5)

```
getloadavg(3)
```