NAME
getloadavg – get system load averages

LIBRARY
Standard C library (*libc*, *−lc*)

SYNOPSIS
#include <stdlib.h>

int getloadavg(double *loadavg[]***, int** *nelem***);**

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 *nelem* 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.

VERSIONS
This function is available since glibc 2.2.

ATTRIBUTES
For an explanation of the terms used in this section, see **attributes**(7).

Interface	Attribute	Value
getloadavg()	Thread safety	MT-Safe

STANDARDS
Not in POSIX.1. Present on the BSDs and Solaris.

SEE ALSO
uptime(1), **proc**(5)