NAME

getloadavg - get system load averages

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <stdlib.h>

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

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.

DIAGNOSTICS

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

SEE ALSO

uptime(1), kvm_getloadavg(3), sysctl(3)

HISTORY

The **getloadavg**() function appeared in 4.3BSD-Reno.