NAME

clock - determine processor time used

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <time.h>

clock_t
clock(*void*);

DESCRIPTION

The **clock**() function determines the amount of processor time used since the invocation of the calling process, measured in CLOCKS_PER_SECs of a second.

RETURN VALUES

The **clock**() function returns the amount of time used unless an error occurs, in which case the return value is -1.

SEE ALSO

getrusage(2), clocks(7)

STANDARDS

The **clock**() function conforms to ISO/IEC 9899:1990 ("ISO C90"). However, Version 2 of the Single UNIX Specification ("SUSv2") requires CLOCKS_PER_SEC to be defined as one million. FreeBSD does not conform to this requirement; changing the value would introduce binary incompatibility and one million is still inadequate on modern processors.