Rocky Enterprise Linux 9.2 Manual Pages on command 'sched_getcpu.3'

$ man sched_getcpu.3

SCHED_GETCPU(3)   Linux Programmer's Manual   SCHED_GETCPU(3)

NAME

　　sched_getcpu - determine CPU on which the calling thread is running

SYNOPSIS

　　#include <sched.h>

　　int sched_getcpu(void);

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

　　sched_getcpu():

　　　Since glibc 2.14:

　　　　_GNU_SOURCE

　　　Before glibc 2.14:

　　　　_BSD_SOURCE || _SVID_SOURCE

　　　　　/* _GNU_SOURCE also suffices */

DESCRIPTION

　　sched_getcpu() returns the number of the CPU on which the calling

　　thread is currently executing.

RETURN VALUE

　　On success, sched_getcpu() returns a nonnegative CPU number. On error,

-1 is returned and errno is set to indicate the error.

ERRORS

ENOSYS This kernel does not implement getcpu(2).

VERSIONS

This function is available since glibc 2.6.

ATTRIBUTES

For an explanation of the terms used in this section, see at‐
tributes(7).

??
?Interface   ? Attribute   ? Value   ?
??
?sched_getcpu() ? Thread safety ? MT-Safe ?
??

CONFORMING TO

sched_getcpu() is glibc-specific.

NOTES

The call

cpu = sched_getcpu();

is equivalent to the following getcpu(2) call:

int c, s;
s = getcpu(&c, NULL, NULL);
cpu = (s == -1) ? s : c;

SEE ALSO

getcpu(2), sched(7)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A
description of the project, information about reporting bugs, and the
latest   version   of   this   page,   can   be   found   at
https://www.kernel.org/doc/man-pages/.

Linux   2017-09-15   SCHED_GETCPU(3)