

NAME

pthread_getcpuclockid - access a thread CPU-time clock

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread.h>
```

```
#include <time.h>
```

int

```
pthread_getcpuclockid(pthread_t thread_id, clockid_t *clock_id);
```

DESCRIPTION

The **pthread_getcpuclockid()** returns the clock ID of the CPU-time clock of the thread specified by *thread_id*, if the thread described by *thread_id* exists.

RETURN VALUES

Upon successful completion, **pthread_getcpuclockid()** returns zero; otherwise, an error number is returned to indicate the error.

ERRORS

The **pthread_getcpuclockid()** function will fail if:

[ESRCH] The value specified by *thread_id* does not refer to an existing thread.

SEE ALSO

clock_gettime(2)

STANDARDS

The **pthread_getcpuclockid()** function conforms to IEEE Std 1003.1-2004 ("POSIX.1").

HISTORY

The **pthread_getcpuclockid()** function first appeared in FreeBSD 10.0.

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