

NAME

pthread_equal - compare thread IDs

SYNOPSIS

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

```
int pthread_equal(pthread_t t1, pthread_t t2);
```

Compile and link with *-pthread*.

DESCRIPTION

The **pthread_equal()** function compares two thread identifiers.

RETURN VALUE

If the two thread IDs are equal, **pthread_equal()** returns a nonzero value; otherwise, it returns 0.

ERRORS

This function always succeeds.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

Interface	Attribute	Value
pthread_equal()	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

NOTES

The **pthread_equal()** function is necessary because thread IDs should be considered opaque: there is no portable way for applications to directly compare two *pthread_t* values.

SEE ALSO

[pthread_create\(3\)](#), [pthread_self\(3\)](#), [pthreads\(7\)](#)

COLOPHON

This page is part of release 4.10 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/>.