

**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 5.05 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/>.