

NAME

pthread_equal – compare thread IDs

LIBRARY

POSIX threads library (*libpthread*, *-lpthread*)

SYNOPSIS

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

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

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

STANDARDS

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)**