



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'pthread\_equal.3'***

***\$ man pthread\_equal.3***

PTHREAD\_EQUAL(3)      Linux Programmer's Manual      PTHREAD\_EQUAL(3)

#### **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).

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?Interface ? Attribute ? Value ?

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?pthread\_equal() ? Thread safety ? MT-Safe ?

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## 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 5.10 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/>.

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