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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'pthread\_self.3p' command**

### **\$ man pthread\_self.3p**

PTHREAD\_SELF(3P)      POSIX Programmer's Manual      PTHREAD\_SELF(3P)

#### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

#### NAME

pthread\_self ? get the calling thread ID

#### SYNOPSIS

```
#include <pthread.h>

pthread_t pthread_self(void);
```

#### DESCRIPTION

The pthread\_self() function shall return the thread ID of the calling thread.

#### RETURN VALUE

The pthread\_self() function shall always be successful and no return value is reserved to indicate an error.

#### ERRORS

No errors are defined.

The following sections are informative.

#### EXAMPLES

None.

#### APPLICATION USAGE

None.

## RATIONALE

The `pthread_self()` function provides a capability similar to the `getpid()` function for processes and the rationale is the same: the creation call does not provide the thread ID to the created thread.

## FUTURE DIRECTIONS

None.

## SEE ALSO

`pthread_create()`, `pthread_equal()`

The Base Definitions volume of POSIX.1-2017, `<pthread.h>`

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