



Linux Ubuntu 26.04 Manual Pages on command 'pthread_sigqueue.3'

\$ man pthread_sigqueue.3

pthread_sigqueue(3) Library Functions Manual pthread_sigqueue(3)

NAME

pthread_sigqueue - queue a signal and data to a thread

LIBRARY

POSIX threads library (libpthread, -lpthread)

SYNOPSIS

```
#include <signal.h>
```

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

```
int pthread_sigqueue(pthread_t thread, int sig,  
                     const union sigval value);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

```
pthread_sigqueue():
```

```
  _GNU_SOURCE
```

DESCRIPTION

The `pthread_sigqueue()` function performs a similar task to `sigqueue(3)`, but, rather than sending a signal to a process, it sends a signal to a thread in the same process as the calling thread.

The `thread` argument is the ID of a thread in the same process as the caller. The `sig` argument specifies the signal to be sent. The `value` argument specifies data to accompany the signal; see `sigqueue(3)` for details.

RETURN VALUE

On success, `pthread_sigqueue()` returns 0; on error, it returns an error number.

ERRORS

