

NAME

pthread_cond_signal - unblock a thread waiting for a condition variable

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

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

int

```
pthread_cond_signal(pthread_cond_t *cond);
```

DESCRIPTION

The **pthread_cond_signal()** function unblocks one thread waiting for the condition variable *cond*.

RETURN VALUES

If successful, the **pthread_cond_signal()** function will return zero, otherwise an error number will be returned to indicate the error.

ERRORS

The **pthread_cond_signal()** function will fail if:

[EINVAL] The value specified by *cond* is invalid.

SEE ALSO

pthread_cond_broadcast(3), pthread_cond_destroy(3), pthread_cond_init(3),
pthread_cond_timedwait(3), pthread_cond_wait(3)

STANDARDS

The **pthread_cond_signal()** function conforms to ISO/IEC 9945-1:1996 ("POSIX.1").