

**NAME**

**pthread\_cond\_broadcast** - unblock all threads waiting for a condition variable

**LIBRARY**

POSIX Threads Library (libpthread, -lpthread)

**SYNOPSIS**

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

*int*

```
pthread_cond_broadcast(pthread_cond_t *cond);
```

**DESCRIPTION**

The **pthread\_cond\_broadcast()** function unblocks all threads waiting for the condition variable *cond*.

**RETURN VALUES**

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

**ERRORS**

The **pthread\_cond\_broadcast()** function will fail if:

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

**SEE ALSO**

pthread\_cond\_destroy(3), pthread\_cond\_init(3), pthread\_cond\_signal(3), pthread\_cond\_timedwait(3), pthread\_cond\_wait(3)

**STANDARDS**

The **pthread\_cond\_broadcast()** function conforms to ISO/IEC 9945-1:1996 ("POSIX.1").