

**NAME**

**cnd\_broadcast** - broadcast signal a condition.

**SYNOPSIS**

```
library "threads"
```

```
#include <threads.h>
```

```
int
```

```
cnd_broadcast(cnd_t *cnd);
```

**DESCRIPTION**

The function **cnd\_broadcast**() broadcasts to all threads waiting on the given condition variable *cnd* to wake up and check the condition variable again.

The thread calling **cnd\_broadcast**() does not need to have acquired the condition variable signaled.

**RETURN VALUES**

Upon success **cnd\_broadcast**() returns *thrd\_success*, otherwise *thrd\_error* will be returned.

**SEE ALSO**

[cnd\\_init\(3\)](#) [cnd\\_destroy\(3\)](#) [cnd\\_signal\(3\)](#) [cnd\\_timedwait\(3\)](#) [cnd\\_wait\(3\)](#)

**HISTORY**

The **cnd\_broadcast**() function first appeared in the C11 standard ISO/IEC 9899:2011.

**AUTHORS**

Jan Adelsbach <[jan@jadelsbach.de](mailto:jan@jadelsbach.de)>