

NAME

shutdown – shut down part of a full-duplex connection

SYNOPSIS

```
#include <sys/socket.h>
```

```
int shutdown(int sockfd, int how);
```

DESCRIPTION

The **shutdown()** call causes all or part of a full-duplex connection on the socket associated with *sockfd* to be shut down. If *how* is **SHUT_RD**, further receptions will be disallowed. If *how* is **SHUT_WR**, further transmissions will be disallowed. If *how* is **SHUT_RDWR**, further receptions and transmissions will be disallowed.

RETURN VALUE

On success, zero is returned. On error, `-1` is returned, and *errno* is set appropriately.

ERRORS**EBADF**

sockfd is not a valid descriptor.

ENOTCONN

The specified socket is not connected.

ENOTSOCK

sockfd is a file, not a socket.

CONFORMING TO

POSIX.1-2001, 4.4BSD (the **shutdown()** function call first appeared in 4.2BSD).

NOTES

The constants **SHUT_RD**, **SHUT_WR**, **SHUT_RDWR** have the value 0, 1, 2, respectively, and are defined in `<sys/socket.h>` since glibc-2.1.91.

SEE ALSO

connect(2), **socket(2)**, **socket(7)**

COLOPHON

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.