

NAME

shutdown – shut down part of a full-duplex connection

SYNOPSIS

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

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

DESCRIPTION

The **shutdown** call causes all or part of a full-duplex connection on the socket associated with *s* 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**

s is not a valid descriptor.

ENOTSOCK

s is a file, not a socket.

ENOTCONN

The specified socket is not connected.

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.

CONFORMING TO

4.4BSD (the **shutdown** function call first appeared in 4.2BSD).

SEE ALSO

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