Rocky Enterprise Linux 9.2 Manual Pages on command 'shutdown.2'

$ man shutdown.2

SHUTDOWN(2)   Linux Programmer's Manual   SHUTDOWN(2)

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 associ?

   ated with sockfd to be shut down. If how is SHUT_RD, further receptions will be disal?

   lowed. 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 file descriptor.

   EINVAL An invalid value was specified in how (but see BUGS).

   ENOTCONN

       The specified socket is not connected.

   ENOTSOCK

       The file descriptor sockfd does not refer to a socket.

CONFORMING TO

   POSIX.1-2001, POSIX.1-2008, 4.4BSD (shutdown() 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.

BUGS

Checks for the validity of how are done in domain-specific code, and before Linux 3.7 not

all domains performed these checks. Most notably, UNIX domain sockets simply ignored in?

valid values. This problem was fixed for UNIX domain sockets in Linux 3.7.

SEE ALSO

close(2), connect(2), socket(2), socket(7)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the

project, information about reporting bugs, and the latest version of this page, can be

found at https://www.kernel.org/doc/man-pages/.

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