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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'shutdown.3p' command

\$ man shutdown.3p

SHUTDOWN(3P) POSIX Programmer's Manual SHUTDOWN(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

shutdown ? shut down socket send and receive operations

SYNOPSIS

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

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

DESCRIPTION

The shutdown() function shall cause all or part of a full-duplex connection on the socket associated with the file descriptor socket to be shut down.

The shutdown() function takes the following arguments:

socket Specifies the file descriptor of the socket.

how Specifies the type of shutdown. The values are as follows:

SHUT_RD Disables further receive operations.

SHUT_WR Disables further send operations.

SHUT_RDWR Disables further send and receive operations.

The shutdown() function disables subsequent send and/or receive operations on a socket, depending on the value of the how argument.

RETURN VALUE

Upon successful completion, `shutdown()` shall return 0; otherwise, -1 shall be returned and `errno` set to indicate the error.

ERRORS

The `shutdown()` function shall fail if:

EBADF The socket argument is not a valid file descriptor.

EINVAL The `how` argument is invalid.

ENOTCONN

The socket is not connected.

ENOTSOCK

The socket argument does not refer to a socket.

The `shutdown()` function may fail if:

ENOBUFS

Insufficient resources were available in the system to perform the operation.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`getsockopt()`, `pselect()`, `read()`, `recv()`, `recvfrom()`, `recvmsg()`, `send()`, `sendto()`, `setsockopt()`, `socket()`, `write()`

The Base Definitions volume of POSIX.1-2017, `<sys_socket.h>`

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