

PERL SETSOCKOPT FUNCTION

http://www.tutorialspoint.com/perl/perl_setsockopt.htm

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Description

This function Sets the socket option OPTNAME with a value of OPTVAL on SOCKET at the specified LEVEL. You will need to import the Socket module for the valid values for OPTNAME shown below in Table

Syntax

Following is the simple syntax for this function –

```
setsockopt SOCKET, LEVEL, OPTNAME, OPTVAL
```

Return Value

This function returns undef on failure and 1 on success.

OPTNAME	Description
SO_DEBUG	Enable/disable recording of debugging information.
SO_REUSEADDR	Enable/disable local address reuse.
SO_KEEPALIVE	Enable/disable keep connections alive.
SO_DONTROUTE	Enable/disable routing bypass for outgoing messages.
SO_LINGER	Linger on close if data is present.
SO_BROADCAST	Enable/disable permission to transmit broadcast messages.
SO_OOBINLINE	Enable/disable reception of out-of-band data in band.
SO_SNDBUF	Set buffer size for output.
SO_RCVBUF	Set buffer size for input.
SO_TYPE	Get the type of the socket (get only).
SO_ERROR	Get and clear error on the socket (get only).

Example

Following is the example code showing its basic usage –

When above code is executed, it produces the following result –