



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'IO::Socket::UNIX.3perl'

\$ man IO::Socket::UNIX.3perl

IO::Socket::UNIX(3perl) Perl Programmers Reference Guide IO::Socket::UNIX(3perl)

NAME

IO::Socket::UNIX - Object interface for AF_UNIX domain sockets

SYNOPSIS

```
use IO::Socket::UNIX;

my $SOCK_PATH = "$ENV{HOME}/unix-domain-socket-test.sock";

# Server:

my $server = IO::Socket::UNIX->new(
    Type => SOCK_STREAM(),
    Local => $SOCK_PATH,
    Listen => 1,
);

my $count = 1;
while (my $conn = $server->accept()) {
    $conn->print("Hello " . ($count++) . "\n");
}
```

Client:

```
my $client = IO::Socket::UNIX->new(  
    Type => SOCK_STREAM(),  
    Peer => $SOCK_PATH,  
);
```

```
# Now read and write from $client
```

DESCRIPTION

"IO::Socket::UNIX" provides an object interface to creating and using sockets in the AF_UNIX domain. It is built upon the IO::Socket interface and inherits all the methods defined by IO::Socket.

CONSTRUCTOR

```
new ( [ARGS] )
```

Creates an "IO::Socket::UNIX" object, which is a reference to a newly created symbol (see the "Symbol" package). "new" optionally takes arguments, these arguments are in key-value pairs.

In addition to the key-value pairs accepted by IO::Socket, "IO::Socket::UNIX" provides.

Type	Type of socket (eg SOCK_STREAM or SOCK_DGRAM)
Local	Path to local fifo
Peer	Path to peer fifo
Listen	Queue size for listen

If the constructor is only passed a single argument, it is assumed to be a "Peer" specification.

If the "Listen" argument is given, but false, the queue size will be set to 5.

If the constructor fails it will return "undef" and set the \$IO::Socket::errstr package variable to contain an error message.

```
$sock = IO::Socket::UNIX->new(...)
    or die "Cannot create socket - $IO::Socket::errstr\n";
```

For legacy reasons the error message is also set into the global \$@ variable, and you may still find older code which looks here instead.

```
$sock = IO::Socket::UNIX->new(...)
    or die "Cannot create socket - $@\n";
```

METHODS

hostpath()

Returns the pathname to the fifo at the local end

peerpath()

Returns the pathanme to the fifo at the peer end

SEE ALSO

Socket, IO::Socket

AUTHOR

Graham Barr. Currently maintained by the Perl Porters. Please report all bugs to <perlbug@perl.org>.

COPYRIGHT

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.