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***Rocky Enterprise Linux 9.2 Manual Pages on command 'IO::Poll.3perl'***

***\$ man IO::Poll.3perl***

IO::Poll(3perl) Perl Programmers Reference Guide IO::Poll(3perl)

NAME

IO::Poll - Object interface to system poll call

SYNOPSIS

```
use IO::Poll qw(POLLRDNORM POLLWRNORM POLLIN POLLHUP);
```

```
$poll = IO::Poll->new();
```

```
$poll->mask($input_handle => POLLIN);
```

```
$poll->mask($output_handle => POLLOUT);
```

```
$poll->poll($timeout);
```

```
$ev = $poll->events($input);
```

DESCRIPTION

"IO::Poll" is a simple interface to the system level poll routine.

METHODS

```
mask ( IO [, EVENT_MASK ] )
```

If EVENT\_MASK is given, then, if EVENT\_MASK is non-zero, IO is added to the list of

file descriptors and the next call to poll will check for any event specified in EVENT\_MASK. If EVENT\_MASK is zero then IO will be removed from the list of file descriptors.

If EVENT\_MASK is not given then the return value will be the current event mask value for IO.

poll ( [ TIMEOUT ] )

Call the system level poll routine. If TIMEOUT is not specified then the call will block. Returns the number of handles which had events happen, or -1 on error.

events ( IO )

Returns the event mask which represents the events that happened on IO during the last call to "poll".

remove ( IO )

Remove IO from the list of file descriptors for the next poll.

handles( [ EVENT\_MASK ] )

Returns a list of handles. If EVENT\_MASK is not given then a list of all handles known will be returned. If EVENT\_MASK is given then a list of handles will be returned which had one of the events specified by EVENT\_MASK happen during the last call to "poll"

## SEE ALSO

poll(2), IO::Handle, IO::Select

## AUTHOR

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

## COPYRIGHT

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itself.

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