

## NAME

IO::Poll - Object interface to system poll call

## SYNOPSIS

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

$poll = new IO::Poll;

$poll->mask($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 <perl5-porters@perl.org>.

## COPYRIGHT

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