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

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

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

## NAME

IO::Seekable - supply seek based methods for I/O objects

## SYNOPSIS

```
use IO::Seekable;  
  
package IO::Something;  
  
@ISA = qw(IO::Seekable);
```

## DESCRIPTION

"IO::Seekable" does not have a constructor of its own as it is intended to be inherited by other "IO::Handle" based objects. It provides methods which allow seeking of the file descriptors.

### `$io->getpos`

Returns an opaque value that represents the current position of the IO::File, or "undef" if this is not possible (eg an unseekable stream such as a terminal, pipe or socket). If the `fgetpos()` function is available in your C library it is used to implements `getpos`, else perl emulates `getpos` using C's `ftell()` function.

### `$io->setpos`

Uses the value of a previous `getpos` call to return to a previously visited position.

Returns "0 but true" on success, "undef" on failure.

See perlfunc for complete descriptions of each of the following supported "IO::Seekable" methods, which are just front ends for the corresponding built-in functions:

`$io->seek ( POS, WHENCE )`

Seek the IO::File to position POS, relative to WHENCE:

WHENCE=0 (SEEK\_SET)

POS is absolute position. (Seek relative to the start of the file)

WHENCE=1 (SEEK\_CUR)

POS is an offset from the current position. (Seek relative to current)

WHENCE=2 (SEEK\_END)

POS is an offset from the end of the file. (Seek relative to end)

The SEEK\_\* constants can be imported from the "Fcntl" module if you don't wish to use the numbers 0 1 or 2 in your code.

Returns 1 upon success, 0 otherwise.

`$io->sysseek( POS, WHENCE )`

Similar to `$io->seek`, but sets the IO::File's position using the system call `lseek(2)` directly, so will confuse most perl IO operators except `sysread` and `syswrite` (see perlfunc for full details)

Returns the new position, or "undef" on failure. A position of zero is returned as the string "0 but true"

`$io->tell`

Returns the IO::File's current position, or -1 on error.

## SEE ALSO

perlfunc, "I/O Operators" in perlop, IO::Handle IO::File

## HISTORY

Derived from FileHandle.pm by Graham Barr <gbarr@pobox.com>

perl v5.34.0

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