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

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

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

**NAME**

IO::Pipe - supply object methods for pipes

**SYNOPSIS**

```
use IO::Pipe;

$pipe = IO::Pipe->new();

if($pid = fork()) { # Parent
    $pipe->reader();

    while(<$pipe>) {
        ...
    }
}

elsif(defined $pid) { # Child
    $pipe->writer();

    print $pipe ...
}
```

or

```
$pipe = IO::Pipe->new();
```

```
$pipe->reader(qw(ls -l));
```

```
while(<$pipe> {
```

```
    ...
```

```
}
```

## DESCRIPTION

"IO::Pipe" provides an interface to creating pipes between processes.

## CONSTRUCTOR

```
new ( [READER, WRITER] )
```

Creates an "IO::Pipe", which is a reference to a newly created symbol (see the "Symbol" package). "IO::Pipe::new" optionally takes two arguments, which should be objects blessed into "IO::Handle", or a subclass thereof. These two objects will be used for the system call to "pipe". If no arguments are given then method "handles" is called on the new "IO::Pipe" object.

These two handles are held in the array part of the GLOB until either "reader" or "writer" is called.

## METHODS

```
reader ([ARGS])
```

The object is re-blessed into a sub-class of "IO::Handle", and becomes a handle at the reading end of the pipe. If "ARGS" are given then "fork" is called and "ARGS" are passed to exec.

```
writer ([ARGS])
```

The object is re-blessed into a sub-class of "IO::Handle", and becomes a handle at the

writing end of the pipe. If "ARGS" are given then "fork" is called and "ARGS" are passed to exec.

handles ()

This method is called during construction by "IO::Pipe::new" on the newly created "IO::Pipe" object. It returns an array of two objects blessed into "IO::Pipe::End", or a subclass thereof.

#### SEE ALSO

IO::Handle

#### AUTHOR

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

#### COPYRIGHT

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