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***Rocky Enterprise Linux 9.2 Manual Pages on command 'Errno.3perl'***

***\$ man Errno.3perl***

Errno(3perl) Perl Programmers Reference Guide Errno(3perl)

NAME

Errno - System errno constants

SYNOPSIS

```
use Errno qw(EINTR EIO :POSIX);
```

DESCRIPTION

"Errno" defines and conditionally exports all the error constants defined in your system `errno.h` include file. It has a single export tag, `":POSIX"`, which will export all POSIX defined error numbers.

On Windows, "Errno" also defines and conditionally exports all the Winsock error constants defined in your system `WinError.h` include file. These are included in a second export tag, `":WINSOCK"`.

"Errno" also makes `"%!"` magic such that each element of `"%!"` has a non-zero value only if `$!` is set to that value. For example:

```
my $fh;  
unless (open($fh, "<", "/fangorn/spouse")) {  
    if ($!{ENOENT}) {
```

```
warn "Get a wife!\n";  
} else {  
    warn "This path is barred: $!";  
}  
}
```

If a specified constant "EFOO" does not exist on the system, `${EFOO}` returns "". You may use "exists `${EFOO}`" to check whether the constant is available on the system.

Perl automatically loads "Errno" the first time you use "%!", so you don't need an explicit "use".

## CAVEATS

Importing a particular constant may not be very portable, because the import will fail on platforms that do not have that constant. A more portable way to set `$!` to a valid value is to use:

```
if (exists &Errno::EFOO) {  
    $! = &Errno::EFOO;  
}
```

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## COPYRIGHT

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