



Linux Ubuntu 22.4.5 Manual Pages on command 'IO::Async::Signal.3pm'

\$ man IO::Async::Signal.3pm

IO::Async::Signal(3pm) User Contributed Perl Documentation IO::Async::Signal(3pm)

NAME

"IO::Async::Signal" - event callback on receipt of a POSIX signal

SYNOPSIS

```
use IO::Async::Signal;
```

```
use IO::Async::Loop;
```

```
my $loop = IO::Async::Loop->new;
```

```
my $signal = IO::Async::Signal->new(
```

```
    name => "HUP",
```

```
    on_receipt => sub {
```

```
        print "I caught SIGHUP\n";
```

```
    },
```

```
);
```

```
$loop->add( $signal );
```

```
$loop->run;
```

DESCRIPTION

This subclass of `IO::Async::Notifier` invokes its callback when a particular POSIX signal is received.

Multiple objects can be added to a "Loop" that all watch for the same signal. The callback functions will all be invoked, in no particular order.

EVENTS

The following events are invoked, either using subclass methods or CODE references in parameters:

`on_receipt`

Invoked when the signal is received.

PARAMETERS

The following named parameters may be passed to "new" or "configure":

`name => STRING`

The name of the signal to watch. This should be a bare name like "TERM". Can only be given at construction time.

`on_receipt => CODE`

CODE reference for the "on_receipt" event.

Once constructed, the "Signal" will need to be added to the "Loop" before it will work.

AUTHOR

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