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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sigismember.3p' command

$ man sigismember.3p

SIGISMEMBER(3P) POSIX Programmer's Manual SIGISMEMBER(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

sigismember ? test for a signal in a signal set

SYNOPSIS

#include <signal.h>

int sigismember(const sigset_t *set, int signo);

DESCRIPTION

The sigismember() function shall test whether the signal specified by signo is a member of the set pointed to by set.

Applications should call either sigemptyset() or sigfillset() at least once for each object of type sigset_t prior to any other use of that object. If such an object is not initialized in this way, but is none? theless supplied as an argument to any of pthread_sigmask(), sigac? tion(), sigaddset(), sigdelset(), sigismember(), sigpending(), sigproc? mask(), sigsuspend(), sigtimedwait(), sigwait(), or sigwaitinfo(), the results are undefined.

RETURN VALUE

Upon successful completion, sigismember() shall return 1 if the speci?

fied signal is a member of the specified set, or 0 if it is not. Other?

wise, it shall return -1 and set errno to indicate the error.

ERRORS

The sigismember() function may fail if:

EINVAL The signo argument is not a valid signal number, or is an unsup?

ported signal number.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

Section 2.4, Signal Concepts, pthread_sigmask(), sigaction(), sigaddset(), sigdelset(), sigfillset(), sigemptyset(), sigpending(), sigsuspend()

The Base Definitions volume of POSIX.1?2017, <signal.h>

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nel.org/doc/man-pages/reporting_bugs.html .