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

\$ man sigdelset.3p

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

sigdelset ? delete a signal from a signal set

SYNOPSIS

```
#include <signal.h>

int sigdelset(sigset_t *set, int signo);
```

DESCRIPTION

The sigdelset() function deletes the individual signal specified by signo from the signal 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 nonetheless supplied as an argument to any of pthread_sigmask(), sigaction(), sigaddset(), sigdelset(), sigismember(), sigpending(), sigprocmask(), sigsuspend(), sigtimedwait(), sigwait(), or sigwaitinfo(), the results are undefined.

RETURN VALUE

Upon successful completion, sigdelset() shall return 0; otherwise, it

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

ERRORS

The sigdelset() function may fail if:

EINVAL The signo argument is not a valid signal number, or is an unsupported 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(), sigemptyset(), sigfillset(), sigismember(), sigpending(), sigsuspend()

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

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