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Rocky Enterprise Linux 9.2 Manual Pages on command 'psiginfo.3'

\$ man psiginfo.3

PSIGNAL(3) Linux Programmer's Manual PSIGNAL(3)

NAME

psignal, psiginfo - print signal description

SYNOPSIS

```
#include <signal.h>

void psignal(int sig, const char *s);

void psiginfo(const siginfo_t *pinfo, const char *s);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

```
psignal():

    Since glibc 2.19:

        _DEFAULT_SOURCE

    Glibc 2.19 and earlier:

        _BSD_SOURCE || _SVID_SOURCE

psiginfo(): _POSIX_C_SOURCE >= 200809L
```

DESCRIPTION

The `psignal()` function displays a message on `stderr` consisting of the string `s`, a colon, a space, a string describing the signal number `sig`, and a trailing newline. If the string `s` is `NULL` or empty, the colon and space are omitted. If `sig` is invalid, the message displayed will indicate an unknown signal.

The `psiginfo()` function is like `psignal()`, except that it displays information about the signal described by `pinfo`, which should point to a valid `siginfo_t` structure. As well as the signal description, `psiginfo()` displays information about the origin of the signal, and other information relevant to the signal (e.g., the relevant memory address for hard?

ware-generated signals, the child process ID for SIGCHLD, and the user ID and process ID of the sender, for signals set using kill(2) or sigqueue(3)).

RETURN VALUE

The psignal() and psiginfo() functions return no value.

VERSIONS

The psiginfo() function was added to glibc in version 2.10.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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?Interface ? Attribute ? Value ?

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?psignal(), psiginfo() ? Thread safety ? MT-Safe locale ?

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CONFORMING TO

POSIX.1-2008, 4.3BSD.

BUGS

In glibc versions up to 2.12, psiginfo() had the following bugs:

- * In some circumstances, a trailing newline is not printed.
- * Additional details are not displayed for real-time signals.

SEE ALSO

sigaction(2), perror(3), strsignal(3), signal(7)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.