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 in‐formation about the signal described by pinfo, which should point to a valid siginfo_t structure.   As well as the signal description, psig‐info() displays information about the origin of the signal, and other information relevant to the signal (e.g., the relevant memory address for hardware-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 at‐tributes(7).

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??????????????????????????????????????????????????????????????????
?Interface          ? Attribute    ? Value        ?
??????????????????????????????????????????????????????????????????
?psignal(), psiginfo() ? Thread safety ? MT-Safe locale ?
??????????????????????????????????????????????????????????????????
```

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/.