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

\$ 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, `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 attributes(7).

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/>.