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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'psignal.3' command**

**\$ man psignal.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/>.