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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'sys\_siglist.3'***

***\$ man sys\_siglist.3***

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

NAME

strsignal, sigdescr\_np, sigdescr\_np, sys\_siglist - return string describing signal

SYNOPSIS

```
#include <string.h>

char *strsignal(int sig);

char *sigdescr_np(int sig);

char *sigabbrev_np(int sig);

extern const char * const sys_siglist[];
```

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

sigabbrev\_np(), sigdescr\_np():

  \_GNU\_SOURCE

strsignal():

  From glibc 2.10 to 2.31:

  \_POSIX\_C\_SOURCE >= 200809L

  Before glibc 2.10:

  \_GNU\_SOURCE

sys\_siglist:

Since glibc 2.19:

`_DEFAULT_SOURCE`

Glibc 2.19 and earlier:

`_BSD_SOURCE`

## DESCRIPTION

The `strsignal()` function returns a string describing the signal number passed in the argument `sig`. The string can be used only until the next call to `strsignal()`. The string returned by `strsignal()` is localized according to the `LC_MESSAGES` category in the current locale.

The `sigdescr_np()` function returns a string describing the signal number passed in the argument `sig`. Unlike `strsignal()` this string is not influenced by the current locale.

The `sigabbrev_np()` function returns the abbreviated name of the signal, `sig`. For example, given the value `SIGINT`, it returns the string "INT".

The (deprecated) array `sys_siglist` holds the signal description strings indexed by signal number. The `strsignal()` or the `sigdescr_np()` function should be used instead of this array; see also `VERSIONS`.

## RETURN VALUE

The `strsignal()` function returns the appropriate description string, or an unknown signal message if the signal number is invalid. On some systems (but not on Linux), `NULL` may instead be returned for an invalid signal number.

The `sigdescr_np()` and `sigabbrev_np()` functions return the appropriate description string. The returned string is statically allocated and valid for the lifetime of the program. These functions return `NULL` for an invalid signal number.

## VERSIONS

`sigdescr_np()` and `sigabbrev_np()` first appeared in glibc 2.32.

Starting with version 2.32, the `sys_siglist` symbol is no longer exported by glibc.

## ATTRIBUTES

For an explanation of the terms used in this section, see at?

