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

**\$ man raise.3p**

RAISE(3P)            POSIX Programmer's Manual            RAISE(3P)

### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

### NAME

raise ? send a signal to the executing process

### SYNOPSIS

```
#include <signal.h>

int raise(int sig);
```

### DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The raise() function shall send the signal sig to the executing thread or process. If a signal handler is called, the raise() function shall not return until after the signal handler does.

The effect of the raise() function shall be equivalent to calling:

```
pthread_kill(pthread_self(), sig);
```

### RETURN VALUE

Upon successful completion, 0 shall be returned. Otherwise, a non-zero

value shall be returned and errno shall be set to indicate the error.

## ERRORS

The raise() function shall fail if:

EINVAL The value of the sig argument is an invalid signal number.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

None.

## RATIONALE

The term "thread" is an extension to the ISO C standard.

## FUTURE DIRECTIONS

None.

## SEE ALSO

kill(), sigaction()

The Base Definitions volume of POSIX.1-2017, <signal.h>, <sys\_types.h>

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