NAME

raise - send a signal to the caller

SYNOPSIS

#include <signal.h>

int raise(int *sig***);**

DESCRIPTION

The **raise**() function sends a signal to the calling process or thread.
In a single-threaded program it is equivalent to

        kill(getpid(), sig);

In a multithreaded program it is equivalent to

        pthread_kill(pthread_self(), sig);

If the signal causes a handler to be called, **raise**() will return only
after the signal handler has returned.

RETURN VALUE

raise() returns 0 on success, and nonzero for failure.

ATTRIBUTES

For an explanation of the terms used in this section, see
attributes(7).

Interface	Attribute	Value
raise()	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99.

NOTES

Since version 2.3.3, glibc implements **raise**() by calling tgkill(2),
if the kernel supports that system call. Older glibc versions
implemented **raise**() using kill(2).

SEE ALSO

getpid(2), kill(2), sigaction(2), signal(2), pthread_kill(3),
signal(7)

COLOPHON

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