NAME

raise – send a signal to the caller

LIBRARY

Standard C library (*libc*, *−lc*)

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

STANDARDS

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

NOTES

Since glibc 2.3.3, **raise**() is implemented 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)