

NAME

sysdecode_sigcode - lookup name of signal code

LIBRARY

System Argument Decoding Library (libsysdecode, -lsysdecode)

SYNOPSIS

```
#include <sysdecode.h>
```

```
const char *
```

```
sysdecode_sigcode(int signal, int si_code);
```

DESCRIPTION

The **sysdecode_sigcode()** function returns a text description of the *si_code* field of the *siginfo_t* object associated with an instance of signal *sig*. The text description contains the name of the C macro whose value matches *si_code*. General purpose signal codes such as `SI_USER` are handled as well as signal-specific codes for `SIGBUS`, `SIGCHLD`, `SIGFPE`, `SIGILL`, `SIGSEGV` and `SIGTRAP`. If *si_code* does not represent a known signal code, **sysdecode_sigcode()** returns `NULL`.

RETURN VALUES

The **sysdecode_sigcode()** function returns a pointer to a signal code description or `NULL` if *si_code* is not a known signal code.

SEE ALSO

sysdecode_sigbus_code(3), sysdecode_sigchld_code(3), sysdecode_sigfpe_code(3),
sysdecode_sigill_code(3), sysdecode_sigsegv_code(3), sysdecode_sigtrap_code(3)