

**NAME**

**sysdecode** - system argument decoding library

**LIBRARY**

System Argument Decoding Library (libsysdecode, -lsysdecode)

**SYNOPSIS**

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

**DESCRIPTION**

The **sysdecode** library includes several functions that provide descriptive names of values associated with system calls.

**Supported ABIs**

Some functions in this library provide ABI-specific descriptions. The supported ABIs are named by the *enum sysdecode\_abi* enumeration.

SYSDECODE_ABI_FREEBSD	Native FreeBSD binaries. Supported on all platforms.
SYSDECODE_ABI_FREEBSD32	32-bit FreeBSD binaries. Supported on aarch64, amd64 and powerpc64.
SYSDECODE_ABI_LINUX	Linux binaries of the same platform. Supported on amd64, i386, and aarch64.
SYSDECODE_ABI_LINUX32	32-bit Linux binaries. Supported on amd64.
SYSDECODE_ABI_UNKNOWN	A placeholder for use when the ABI is not known.

**SEE ALSO**

sysdecode\_abi\_to\_freebsd\_errno(3), sysdecode\_cap\_rights(3), sysdecode\_cmsg\_type(3), sysdecode\_enum(3), sysdecode\_fcntl\_arg(3), sysdecode\_ioctlname(3), sysdecode\_kevent(3), sysdecode\_mask(3), sysdecode\_quotactl\_cmd(3), sysdecode\_sctp\_sinfo\_flags(3), sysdecode\_sigcode(3), sysdecode\_socket\_protocol(3), sysdecode\_sockopt\_name(3), sysdecode\_syscallnames(3), sysdecode\_utrace(3)

**HISTORY**

The **sysdecode** library first appeared in FreeBSD 11.0.