

NAME

enosys – utility to make syscalls fail with ENOSYS

SYNOPSIS

enosys [--syscall|--s *syscall*] command

DESCRIPTION

enosys is a simple command to execute a child process for which certain syscalls fail with errno ENOSYS.

It can be used to test the behavior of applications in the face of missing syscalls as would happen when running on old kernels.

OPTIONS

-s, --syscall

Syscall to block with **ENOSYS**. Can be specified multiple times. An alternative error number or name can be specified with a colon.

-i, --ioctl

Ioctl to block with **ENOTTY**. Can be specified multiple times. An alternative error number or name can be specified with a colon.

-l, --list

List syscalls known to **enosys**.

-m, --list-ioctl

List ioctls known to **enosys**.

-d, --dump[=*file*]

Dump seccomp bytecode filter to standard output.

The dump can for example be used by **setpriv --seccomp-filter**.

-h, --help

Display help text and exit.

-V, --version

Display version and exit.

EXAMPLES

```
# fail syscall "fallocate" with ENOSYS
enosys -s fallocate ...
```

```
# fail syscall "fallocate" with ENOMEM
enosys -s fallocate:ENOMEM ...
```

```
# fail syscall "fallocate" with value 12/ENOMEM
enosys -s fallocate:12 ...
```

```
# fail ioctl FIOCLEX with ENOTTY
enosys -i FIOCLEX ...
```

```
# fail ioctl FIOCLEX with ENOMEM
enosys -i FIOCLEX:ENOMEM ...
```

```
# fail ioctl FIOCLEX with value 12/ENOMEM
enosys -i FIOCLEX:12 ...
```

EXIT STATUS

enosys exits with the status code of the executed process. The following values have special meanings:

- 1**
internal error
- 2**
system does not provide the necessary functionality

AUTHORS

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SEE ALSO

syscall(2)

REPORTING BUGS

For bug reports, use the issue tracker <<https://github.com/util-linux/util-linux/issues>>.

AVAILABILITY

The **enosys** command is part of the util-linux package which can be downloaded from Linux Kernel Archive <<https://www.kernel.org/pub/linux/utils/util-linux/>>.