

NAME

modnext - return the modid of the next kernel module

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <sys/param.h>
```

```
#include <sys/module.h>
```

int

```
modnext(int modid);
```

int

```
modfnnext(int modid);
```

DESCRIPTION

The **modnext()** system call returns the modid of the next kernel module (that is, the one after *modid*) or 0 if *modid* is the last module in the list.

If the *modid* value is 0, then **modnext()** will return the modid of the first module. The **modfnnext()** system call must always be given a valid modid.

RETURN VALUES

The **modnext()** system call returns the modid of the next module (see *DESCRIPTION*) or 0. If an error occurs, *errno* is set to indicate the error.

ERRORS

The only error set by **modnext()** is ENOENT, which is set when *modid* refers to a kernel module that does not exist (is not loaded).

SEE ALSO

kldfind(2), kldfirstmod(2), kldload(2), kldnext(2), kldstat(2), kldsym(2), kldunload(2), modfind(2), modstat(2), kld(4), kldstat(8)

HISTORY

The **kld** interface first appeared in FreeBSD 3.0.