

**NAME**

**kldunload**, **kldunloadf** - unload kld files

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

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

*int*

```
kldunload(int fileid);
```

*int*

```
kldunloadf(int fileid, int flags);
```

**DESCRIPTION**

The **kldunload**() system call unloads a kld file from the kernel that was previously linked via **kldload**(2).

The **kldunloadf**() system call accepts an additional flags argument, which may be one of **LINKER\_UNLOAD\_NORMAL**, giving the same behavior as **kldunload**(), or **LINKER\_UNLOAD\_FORCE**, which causes the unload to ignore a failure to quiesce the module.

**RETURN VALUES**

Upon successful completion, the value 0 is returned; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

**ERRORS**

The file referred to by *fileid* is unloaded unless:

[EPERM]            You do not have access to unlink the file from the kernel.

[ENOENT]           The file was not found.

[EBUSY]            You attempted to unload a file linked by the kernel.

[EINVAL]           The **kldunloadf**() system call was passed invalid flags.

**SEE ALSO**

**kldfind**(2), **kldfirstmod**(2), **kldload**(2), **kldnext**(2), **kldstat**(2), **kldsym**(2), **modfind**(2), **modfnnext**(2),

modnext(2), modstat(2), kld(4), kldunload(8)

## HISTORY

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