

**NAME**

**vref**, **vrefl** - increment the use count for a vnode

**SYNOPSIS**

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

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

*void*

```
vref(struct vnode *vp);
```

*void*

```
vrefl(struct vnode *vp);
```

**DESCRIPTION**

Increment the *v\_usecount* field of a vnode.

*vp* the vnode to increment

Each vnode maintains a reference count of how many parts of the system are using the vnode. This allows the system to detect when a vnode is no longer being used and can be safely recycled for a different file.

Any code in the system which is using a vnode (e.g. during the operation of some algorithm or to store in a data structure) should call **vref()** or **vrefl()**.

**vref()** locks the vnode interlock while **vrefl()** expects the interlock to already be held.

**SEE ALSO**

vget(9), vnode(9), vput(9), vrefcnt(9), vrel(9)

**AUTHORS**

This manual page was written by Doug Rabson.