

NAME

getmntinfo - get information about mounted file systems

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

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

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

int

```
getmntinfo(struct statfs **mntbufp, int mode);
```

DESCRIPTION

The **getmntinfo()** function returns an array of **statfs()** structures describing each currently mounted file system (see **statfs(2)**).

The **getmntinfo()** function passes its *mode* argument transparently to **getfsstat(2)**.

RETURN VALUES

On successful completion, **getmntinfo()** returns a count of the number of elements in the array. The pointer to the array is stored into *mntbufp*.

If an error occurs, zero is returned and the external variable *errno* is set to indicate the error. Although the pointer *mntbufp* will be unmodified, any information previously returned by **getmntinfo()** will be lost.

ERRORS

The **getmntinfo()** function may fail and set *errno* for any of the errors specified for the library routines **getfsstat(2)** or **malloc(3)**.

SEE ALSO

getfsstat(2), **mount(2)**, **statfs(2)**, **mount(8)**

HISTORY

The **getmntinfo()** function first appeared in 4.4BSD.

BUGS

The **getmntinfo()** function writes the array of structures to an internal static object and returns a pointer

to that object. Subsequent calls to **getmntinfo()** will modify the same object.

The memory allocated by **getmntinfo()** cannot be `free(3)`'d by the application.