

NAME

kinfo_getvmobject - function for getting system-wide memory information

LIBRARY

System Utilities Library (libutil, -lutil)

SYNOPSIS

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

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

```
#include <libutil.h>
```

```
struct kinfo_vmobject *
```

```
kinfo_getvmobject(int *cntp);
```

DESCRIPTION

This function is used to obtain information about the objects using memory in the system.

The *cntp* argument allows the caller to know how many records are returned.

This function is a wrapper around the "vm.objects" sysctl(3) MIB. While the kernel returns a packed structure, this function expands the data into a fixed record format.

RETURN VALUES

On success the **kinfo_getvmobject()** function returns a pointer to an array of *struct kinfo_vmobject* structures as defined by *<sys/user.h>*. The array is allocated by an internal call to *malloc(3)* and must be freed by the caller with a call to *free(3)*. On failure the **kinfo_getvmobject()** function returns *NULL*.

SEE ALSO

free(3), *kinfo_getvmmap(3)*, *malloc(3)*

HISTORY

The **kinfo_getvmobject()** function first appeared in FreeBSD 10.2.