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***Rocky Enterprise Linux 9.2 Manual Pages on command 'create\_module.2'***

***\$ man create\_module.2***

CREATE\_MODULE(2)                      Linux Programmer's Manual                      CREATE\_MODULE(2)

**NAME**

create\_module - create a loadable module entry

**SYNOPSIS**

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

```
caddr_t create_module(const char *name, size_t size);
```

Note: No declaration of this system call is provided in glibc headers; see NOTES.

**DESCRIPTION**

Note: This system call is present only in kernels before Linux 2.6.

create\_module() attempts to create a loadable module entry and reserve the kernel memory that will be needed to hold the module. This system call requires privilege.

**RETURN VALUE**

On success, returns the kernel address at which the module will reside. On error, -1 is returned and errno is set appropriately.

**ERRORS**

EEXIST A module by that name already exists.

EFAULT name is outside the program's accessible address space.

EINVAL The requested size is too small even for the module header information.

ENOMEM The kernel could not allocate a contiguous block of memory large enough for the module.

ENOSYS create\_module() is not supported in this version of the kernel (e.g., the kernel is version 2.6 or later).

EPERM The caller was not privileged (did not have the CAP\_SYS\_MODULE capability).

## VERSIONS

This system call is present on Linux only up until kernel 2.4; it was removed in Linux 2.6.

## CONFORMING TO

`create_module()` is Linux-specific.

## NOTES

This obsolete system call is not supported by glibc. No declaration is provided in glibc headers, but, through a quirk of history, glibc versions before 2.23 did export an ABI for this system call. Therefore, in order to employ this system call, it was sufficient to manually declare the interface in your code; alternatively, you could invoke the system call using `syscall(2)`.

## SEE ALSO

`delete_module(2)`, `init_module(2)`, `query_module(2)`

## COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.