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Find Out Linux Kernel Modules (Drivers) Location / Directory

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Q. Can you tell me exact location of Linux kernel driver under Linux file system? Where to find all available modules?

A. /lib/modules/kernel-version/ directory stores all compiled drivers under Linux operating system. You can use modprobe command [2] to intelligently add or remove a module from the Linux kernel. modprobe looks in the module directory /lib/modules/$(uname -r) for all the modules and other files, except for the optional /etc/modprobe.conf configuration file and /etc/modprobe.d directory. Type the following command to display current modules:

[1]

```
$ ls -l /lib/modules/$(uname -r)
```

Sample output:

```
total 1720
lrwxrwxrwx  1 root root      40 2007-10-17 10:00 build -> /usr/src/linux-headers-2.6.22-14-c
drwxr-xr-x  2 root root    4096 2007-12-19 10:41 initrd
drwxr-xr-x 10 root root    4096 2007-10-17 09:58 kernel
-rw-r--r--  1 root root 363419 2008-01-26 18:10 modules.alias
-rw-r--r--  1 root root      69 2008-01-26 18:10 modules.ccwmap
-rw-r--r--  1 root root 395238 2008-01-26 18:10 modules.dep
-rw-r--r--  1 root root     813 2008-01-26 18:10 modules.ieee1394map
-rw-r--r--  1 root root     527 2008-01-26 18:10 modules.inputmap
-rw-r--r--  1 root root   17714 2008-01-26 18:10 modules.isapnpmap
-rw-r--r--  1 root root      74 2008-01-26 18:10 modules.ofmap
-rw-r--r--  1 root root 270824 2008-01-26 18:10 modules.pcimap
-rw-r--r--  1 root root    1345 2008-01-26 18:10 modules.seriomap
-rw-r--r--  1 root root 165591 2008-01-26 18:10 modules.symbols
-rw-r--r--  1 root root 479477 2008-01-26 18:10 modules.usbmap
drwxr-xr-x 10 root root    4096 2007-10-17 09:59 ubuntu
```

You can change directory by typing following command:

```
$ cd /lib/modules/$(uname -r)
$ pwd
```

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URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/faq/category/linux/**
[2] modprobe command: **http://www.cyberciti.biz/faq/add-remove-list-linux-kernel-modules/**