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Find out what filesystems my Linux kernel supports

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. How do I find out what filesystems my Linux kernel supports?

A. Linux supports lost of file system or different file systems. This makes is flexible and well able to coexist with many other operating systems. ext2/ext3 are considered as a native Linux file system.

Nevertheless, Linux supports large number of file system. You need to compile the kernel to get support for other file system.

You can easily find out what filesystem running Linux kernel supports with following command:

```
$ cat /proc/filesystems
```

Output:

```
nodev    sysfs
nodev    rootfs
nodev    bdev
nodev    proc
nodev    sockfs
nodev    futexfs
nodev    tmpfs
nodev    pipefs
nodev    eventpollfs
nodev    devpts
nodev    cramfs
nodev    ramfs
nodev    devfs
nodev    mqueue
nodev    ext3
nodev    usbfs
nodev    usbdevfs
nodev    vfat
```

Right column indicates filesystem names. Try following command to just print filesystem names:

```
$ awk '{print $2}' /proc/filesystems | sed '/^$/d'
```

To get more detailed information about each file system refer to Linux kernel [Documentation/filesystems](#) ^[1]

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[1] Documentation/filesystems: <http://www.cyberciti.biz/files/linux-kernel/Documentation/filesystems>
