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Howto mount windows partition onto ubuntu Linux

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Q. How do I mount NTFS or FAT paritions under ubuntu Linux?

A. You can mount NTFS or FAT windows partition with mount command.

=> Click on Applications
=> Select Accessories
=> Select Terminal
=> Now terminal window will be on screen.

First you need to create directory where you can attach windows partition using mount command (for example /media/c for C:):

```
# sudo mkdir -p /media/c
```

Now find out list of partition (click on System > Administration > Disks) or use following command:

```
# sudo fdisk -l
```

Output:

```
Device Boot       Start         End      Blocks   Id  System
/dev/hdb1   *           1        2432    19535008+  86  NTFS
/dev/hdb2            2433        2554      979965   82  Linux swap / Solaris
/dev/hdb3            2555        6202    29302560   83  Linux
```

As you see /dev/hdb1 is NTFS partition. Now type following command:

```
# sudo mount -t ntfs -o nls=utf8,umask=0222 /dev/hdb1 /media/c
```

To unmount Windows NTFS partition type command:

```
# sudo umount /media/c
```

To mount FAT partition type command:

```
# sudo mkdir -p /media/d
# sudo mount -t vfat -o iocharset=utf8,umask=000 /dev/hda1 /media/d
```

To unmount Windows FAT (mounted at /media/d) partition type command:

```
# sudo umount /media/d
```

Where,

- -t : Specify file system type (such as NTFS or FAT)
- umask=VALUE: Set the umask (the bitmask of the permissions that are not present). The default is the umask of the current process. The value is given in octal.
- iocharset=VALUE: Character set to use for converting between 8 bit characters and 16 bit Unicode characters. The default is iso8859-1. Long filenames are stored on disk in Unicode format.

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