

Re: fstab problems

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-05/msg05405.html>

- *From:* "Kyle Hamar" <kyle.hamar@xxxxxxxxxx>
 - *Date:* Wed, 31 May 2006 13:56:22 -0700
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On 5/31/06, William Steibel <bsteibel@xxxxxxxx> wrote:

No Ed,
I tried sudo first then swithed to root on Knoppix. In fc5 I logged in as root. Still read only file systems

Bill,
Knoppix mounts file systems read only for your protection. You must specifically right-click and make each file system read/write when using the Knoppix boot CD. The right-click menu has changed so you may need to look carefully at all of the options.

The following note, borrowed from here should help you out:

<http://www-128.ibm.com/developerworks/linux/library/l-knopx.html?ca=dgr-lnxw04Knoppix>

Rescuing a non-booting Linux system

This is the most common scenario. Something goes haywire, and boom, no boot. No problem: boot up Knoppix and find all your local partitions nicely iconized on the KDE desktop. (Or cruise the file tree to /mnt.) Click on the correct icon, and there are all your files. But they are wisely mounted read-only. Again, no problem: right-click the desktop icon to bring up a nice menu with a "Change read/write mode" option. This mounts the filesystem on the partition as read/write. Now you can edit any file.

The default user is knoppix. For operations that require root privileges, you need to su to root and assign a root password:

```
knoppix@tty0[knoppix]# su  
root@tty0[knoppix]# passwd
```

To mount a filesystem read/write from the command line:

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```
root@tty0[knoppix]# mount -t reiserfs -o rw /dev/hda5 /mnt/hda5
```

To unmount:

```
root@tty0[knoppix]# umount /mnt/hda5
```

If you get an error message "Could not unmount device, device is busy," something is reading the filesystem. Close files and cd out of the filesystem.

How do you know what mountpoint and filesystem to specify? Just read /etc/fstab:

```
root@tty0[knoppix]# cat /etc/fstab
```

```
...
```

```
# Added by Knoppix
```

```
/dev/hda5 /mnt/hda5 reiserfs noauto,users,exec 0 0
```

```
--
```

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