

Q: I changed **/etc/fstab**, and now NEXTSTEP won't boot. If I boot the system in single-user mode, I can't edit **/etc/fstab** to fix it because the file system is read-only. What do I do to fix it?

A: The start-up script **/etc/rc.boot** makes the root filesystem read-write with the command:

```
mount -o remount /
```

The **mount** command looks in **/etc/fstab** for an entry that describes "/". It should find a line like:

```
/dev/sd0a    /      4.3    rw,noquota,noauto    0      1
```

This means that the filesystem on the device sd0a should be mounted as the root ("/") filesystem. If this line in the **/etc/fstab** file is missing, incorrect, or damaged, the mount command fails. You are left with a read-only root filesystem.

The solution is to re-mount the root file system with the shell command:

```
# mount -o remount /dev/sd0a /
```

In this form, you are telling mount exactly which device to use, so it doesn't look in **/etc/fstab** and get confused. Once you have the root filesystem mounted read-write, fix it with a text editor (don't include any blank lines) or get a copy of a default **/etc/fstab**. You can find default copies in **/usr/template/client**. i.e.:

```
# cp /usr/template/client/etc/fstab.sd330 /etc/fstab
```

Then shut down and reboot your system:

```
# reboot
```

QA833

Valid for 1.0, 2.0, 3.0, 3.1