

Fedora Core 6 Report

■ Tests on **Office**.

▣ Kernels:

- ▣ 2.6.18-1.2798.fc6-i686
- ▣ 2.6.18-1.2849.fc6-i686

▣ **Nvidia** twinview.

- ▣ The patches fail to find the kernel source. The `/lib/module/.../build` link is broken. It points to a non-existent `i585` folder. Yum also gets confused when trying to update **kernel-devel**. I manually fixed the 2849 folder, but the patch was unable to build the driver. Nvidia patches 9629 and 7676 were equally poor (note: IA32 platform).

▣ **Windows** support – mostly the same as FC-5.

▣ The **fstab** attaches work a little better.

▣ The **suid** parameter in **fstab** does not work on **cifs**.

```
LABEL=/1 / ext3 defaults 1 1
LABEL=/boot1 /boot ext3 defaults 1 2
devpts /dev/pts devpts gid=5,mode=620 0 0
tmpfs /dev/shm tmpfs defaults 0 0
LABEL=/home /home ext3 defaults 1 2
proc /proc proc defaults 0 0
sysfs /sys sysfs defaults 0 0
LABEL=SWAP-hda6 swap swap defaults 0 0
/dev/hda3 /home/windows-c vfat noauto,users,suid,rw 0 0
/dev/hda5 /home/windows-d vfat noauto,users,suid,rw 0 0
//adicon/exchange /home/exchange cifs auto,suid,user=vanorman/Administrator%xxxx,rw 0 0
//adicon/backup /home/backup cifs auto,suid,user=vanorman/Administrator%xxxx,rw 0 0
```

▣ Haven't found a way for unprivileged users to mount Windows shares. I am running a P-2-P network.

▣ Scripts in a **vfat** file system that are in the **PATH** (**.bash_profile**) fail with the message:

bash: /home/bvn/my_documents/tcl/bin/environment: /bin/sh: bad interpreter: Permission denied
yet when copied to **\$HOME/bin** they run successfully.

▣ Notes:

- ▣ **my_documents** is a link to the Windows **My Documents** folder. Grub has a dual boot to Windows (2k and XP) and Fedora.
- ▣ Most of our client machines are dual boot (Windows and Fedora Core 4).
- ▣ I script in **tk/tcl** because of its portability between Windows and Linux. Most of my scripts are designed to run on either OS.
- ▣ I run **Eudora 4.2** under **wine** with the **ini** file on the house server (Windows XP). A tcl script adjusts the **ini** file to match the OS and locks other host from using the “common” Email client. Each, dual boot, machine has the identical Email configuration and appearance on both OS's.
- ▣ The common backup procedure is written in **tcl**. It creates a gzip'd tar ball from **My Documents** on the house server. Damaged or lost files can be restored from either OS.
- ▣ I run **Open Office** on both OS's. For the bulk of our uses, both Fedora and Windows suffice. There are a lot of things that Fedora is better at and a few things that Windows is better at.
- ▣ I am not planning on migrating to Vista and would like to shift to FC-5 or FC-6.