

Fedora Core 2

An Introduction to the “What's New”
and choosing the *right* repositories

Prepared by Colin Charles

byte@aeon.com.my

<http://www.bytebot.net/>



A bit about the project...

- Red Hat sponsored, with the idea of involving more external developers
 - Merger between fedora.us & RHL
- Not a *beta testing ground* for software that doesn't work
 - However, new technologies that are the future, and work currently nonetheless, are suitable for inclusion
 - SELinux not on by default; SMBFS still exists, where CIFS is being preferred

The Bad

- Press that we've received
- Dual-boot Windows XP “issue”
 - Really a case of the kernel allowing userspace to handle partition information, with parted not being able to handle it
- Anything else, if you've tried it?

The New

- Kernel 2.6
- GNOME 2.6, including spatial Nautilus
- KDE 3.2; XFce4 as a WM option
- Fully functional SELinux
- Runs on x86_64 by default
 - PPC, PPC64 too!
- Xorg X11 replaces XFree86

Kernel 2.6

- No more boot floppies
- New access method for CD Writers
 - no more `-dev=0,0,0`; now `-dev=/dev/hdc`
- Plenty of speed improvements
- Initial issues with Via C3/Asus P4P800
- More filesystems: xfs, reiser, jfs
- SELinux support

Window Management

- No more right click to disks
 - Use the Computer icon
- Nautilus has gone spatial by default
- XFce4 means machines with less RAM benefit

Getting repositories sorted

- For easy upgrades between versions, yum.conf should use:
 - \$releasever and \$basearch (provided by fedora-release)
- Fedora.us/Livna/JPackage/Macromedia --> “Extras”
- Atrpms, Dag, freshrpms, newrpms, and the “others” --> “Alternatives”
- <http://www.fedora.us/wiki/RepositoryMixingProblems>

How YOU can help

- Find bugs
 - Search Bugzilla before reporting them in
- Help out on the mailing lists
- Write usable documentation
 - Fedora Documentation Project
- Anaconda in external CVS
- Use SELinux – FC3 will definitely have it enforcing

Resources

- <http://www.fedoranews.org/>
- <http://www.fedorazine.com/>
- <http://www.fedoraforum.org/>
- <http://www.fedoratracker.org/>
- <http://fedora.linux.duke.edu/fedorapeople/>

Thank You!

Colin Charles
byte@aeon.com.my
<http://www.bytebot.net/>

