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# Gentoo 2004.2 Released, available for x86, AMD64, HPPA, and SPARC. The biggest change: X.org-X11 is now the default XServer

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Gentoo is an excellent Linux distribution for servers and desktops aimed at experienced users. The new version still requires some skill to install.

The biggest advantage of using [Gentoo Linux](#) is that you can upgrade to the latest versions with two simple commands:

1. `emerge sync`
2. `emerge -u world`

Then wait what will seem like a long time while the system is updating itself. `emerge sync` will give you the latest version of the [portage tree](#).

Current software versions: KDE 3.2.2 (builds available for 3.3 beta2 and cvs), Gnome 2.6 and Xfce4 4.0.5.

The packages CDs will not be available on ftp, they will only be distributed using BitTorrent. <http://torrents.gentoo.org/> is not yet operational, but will soon have torrents available.

Excellent new features include:

- SATA device detection
- Improved Live-CD support for Dell servers
- Improved support for x86 SMP

Find out more at the official Gentoo website:

- [2004.2 Information Guide](#)
- [x86 Release Notes for Gentoo Linux 2004.2](#)

## How to upgrade to Gentoo 2004.2 from your current Gentoo system

Your Gentoo version is dictated by the file `/etc/make.profile`. It should be a symlink pointing to `/usr/portage/profiles/default-<arch>-<version>/`.

```
ls -ld /etc/make.profile will show you something like lrwxrwxrwx 1 root root 41 mai
14 16:57 /etc/make.profile -> /usr/portage/profiles/default-x86-2004.0/.
```

To use the latest profile:

1. `su -`
2. `emerge sync`

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```
3. rm /etc/make.profile
```

```
4. ln -s /usr/portage/profiles/default-x86-2004.2/ /etc/make.profile
```

Default X server is the only real difference between the profiles, 2004.2 uses X.org instead of XFree.

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