

Subscription CD

On this month's subscription CD we start with the latest distribution to hit the servers.

Included along side the full distribution we have all the files that we mention in the magazine, in convenient formats.



KDE 3.0.4

KDE 3.0.4, the third generation of KDE's free, powerful desktop for Linux. KDE 3.0.4 is available in 51 languages – including the addition of Basque for the first time. KDE 3 – ships with the core KDE libraries, the base desktop environment, and hundreds of applications and other desktop enhancements from the other KDE base packages (PIM, administration, network, edutainment, development, utilities, multimedia, games, artwork, and others).

KDE 3.0.4 provides various service enhancements over KDE 3.0.3, which shipped in mid-August 2002, as well as two security corrections (the personal web server (KPF) may permit a remote user to retrieve any file readable by the local KPF user, and the PostScript / PDF viewer (KGhostview) may execute arbitrary code placed in a PS or PDF file).

KDE, including all its libraries and applications, is available for free under Open Source licenses. Features included:

- Konqueror is KDE's next-generation web browser, file manager and document viewer. Widely heralded as a technological break-through for the Linux desktop, the standards-compliant Konqueror has a component-based architecture which combines the features and functionality of Internet Explorer/Netscape Communicator and Windows Explorer.
- Konqueror supports the full gamut of current Internet technologies, including JavaScript, Java, HTML 4.0, CSS-1 and -2 (Cascading Style Sheets), SSL (Secure Socket Layer for secure communications) and Netscape Communicator plug-ins (for playing Flash, RealAudio, RealVideo and similar technologies).
- In addition, KIO's network transparency offers seamless support for accessing or browsing files on Linux, NFS shares, MS Windows SMB shares, HTTP pages, FTP directories and LDAP directories. The modular, plug-in nature of KDE's file architecture makes it simple to add additional protocols (such as IPX or WebDAV) to KDE, which would then automatically be available to all KDE applications.
- Besides the exceptional compliance with Internet and file-sharing standards, KDE achieves exceptional compliance with the available Linux desktop standards. KWin, KDE's new re-engineered window manager, complies to the new Window Manager Specification. Konqueror and KDE comply to the Desktop Entry Standard. KDE generally complies with the X Drag-and-Drop (XDND) protocol as well as with the X11R6 session management protocol (XSMP).

UDE

The UDE-Project is creating a new WM which will be a complete GUI in future. The project does not use any special GUI-Libraries such as QT or GTK+. It just uses the standard Xlibs (which also make UDE faster).

GWhere

GWhere allows you to manage a database of your CDs and others removable media. With GWhere it's easy to browse your CDs or to make a quick search without needing to insert all of your CDs in the drive.

Rinetd

Rinetd redirects TCP connections from one IP address and port to another. This makes it practical to run TCP services on machines inside an IP masquerading firewall.

Lyx

LyX is an advanced open source document processor that encourages an approach to writing based on the structure of your documents, not their appearance.

Graphic Scripting

From our article starting on page 44 we have included the test graphic so you can work through the examples along with the utility to make the FLI/FLC animation files.

Distributed Computing

From the article starting on pages 84 we have included the files for the Distributed folding project as well as the Marsennes prime and ECCP projects. Last but by no means least is the Electric Sheep project which can produce stunning fractal animations and still images.

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