

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.

Debian Woody 3.0

Debian is a completely free Linux operating system for your computer. An operating system is the set of basic programs and utilities that make your computer run. Debian uses the Linux kernel (the core of an operating system), but most of the basic operating system tools come from the GNU project; hence the name GNU/Linux.

Debian GNU/Linux provides more than just a pure operating system: it comes with more than 8710 packages, pre-compiled software bundled up in a nice format for easy installation on your machine.

Getting Started

This latest stable release of Debian GNU/Linux is Woody 3.0r0. The system includes KDE and GNOME desktop environments, features cryptographic software, is compatible with the FHS v2.2 and supports software developed for the LSB. This is the first version of Debian that features cryptographic software integrated into the main distribution. OpenSSH and GNU Privacy Guard are included in the default installation, and strong encryption is now present in web browsers and web servers, databases, and so forth.

For the first time, Debian comes with the K Desktop Environment 2.2 (KDE). The GNOME desktop environment is upgraded to version 1.4, and X itself is upgraded to the much improved XFree86 4.1. With the addition of several full-featured free graphical web browsers in the form of Mozilla, Galeon, and Konqueror, Debian's desktop offerings have radically improved.

This version of Debian supports the 2.2 and 2.4 releases of the Linux kernel. Along with better support for a greater variety of new hardware (such as USB) and significant improvements in usability and stability. Debian GNU/Linux 3.0 features a more streamlined and polished installation. The task system has been revamped and made more flexible. The debconf tool makes configuration of the system easier and more user friendly. This release of Debian is compatible with version 2.2 of the Filesystem Hierarchy Standard (FHS). Debian GNU/Linux now also supports software developed for the Linux Standard Base (LSB), though it is not yet LSB certified.

This release of Debian features aptitude, which we covered in last month's Linux Magazine, as an alternative for the venerable dselect program, which will make it easier to select packages. About four thousand new software packages were added to the distribution in Debian GNU/Linux 3.0.

ROX

The ROX desktop is an easy to use (and understand!) graphical desktop. The ROX Desktop is based around the ROX-Filer, which is small, fast and powerful.

KBear

A graphical FTP client that allows you to access several servers at the same time. We include the Mandrake RPM, the source RPM along with the uncompiled tar file.

Leocad

LeoCAD is a CAD program based around Lego bricks. Currently it has a library of more than 1000 different pieces.

tHTTPd

Although small in size the tHTTPd (tiny HTTP daemon) is a perfectly formed miniature web server. This is ideal for when you just need to allow other users browser based access.

PhotoPC

A command line tool, which makes automating digital image processing easier in a scripting environment.

OpenSSH

OpenSSH has become the standard tool for providing encrypted remote access. With the article starting on page 50 you can implement the security features that OpenSSH offers.

MRTG

Its speciality is monitoring network traffic and displaying the results graphically.

The Multi Router Traffic Grapher also retrieves miscellaneous SNMP variables and can be customized to fulfill the desires of the administrator.

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