

Debian GNU/Linux 3.1 released

June 6th, 2005

The Debian Project is pleased to announce the official release of Debian GNU/Linux version 3.1 codenamed "sarge" after nearly three years of constant development. Debian GNU/Linux is a free operating system which supports a total of eleven processor architectures, includes KDE, GNOME and GNUstep desktop environments, features cryptographic software, is compatible with the FHS v2.3, and supports software developed for the LSB.

With the development of the new debian-installer, this release features a new, modular and sophisticated installation routine with integrated hardware detection and unattended installation capabilities. The installation is available in about thirty languages and includes configuration of the X server for many graphic cards.

The task selection system has been revamped and made more flexible. The debconf tool has been integrated into most packages that need to be configured and makes this easier and more user friendly. Debian GNU/Linux can be installed from various installation media such as DVDs, CDs, USB sticks, a few floppies, or from the network. It can be downloaded now, and will soon be available on DVD and CD-ROM from numerous [vendors](#).

Debian GNU/Linux runs on computers ranging from palmtops and handheld systems to supercomputers, and on nearly everything in between. A total of eleven architectures are supported, including Motorola 68k (m68k), Sun SPARC (sparc), HP Alpha (alpha), Motorola/IBM PowerPC (powerpc), Intel IA-32 (i386) and IA-64 (ia64), HP PA-RISC (hppa), MIPS (mips, mipsel), ARM (arm) and IBM S/390 (s390).

This release includes a number of up-to-date large software packages, such as the K Desktop Environment 3.3 (KDE), the GNOME desktop environment 2.8, the GNUstep desktop, XFree86 4.3.0, GIMP 2.2.6, Mozilla 1.7.8, Galeon 1.3.20, Mozilla Thunderbird 1.0.2, Firefox 1.0.4, PostgreSQL 7.4.7, MySQL 4.0.24 and 4.1.11a, GNU Compiler Collection 3.3.5 (GCC), Linux kernel versions 2.4.27 and 2.6.8, Apache 1.3.33 and 2.0.54, Samba 3.0.14, Python 2.3.5 and 2.4.1, Perl 5.8.4 and much more.

This is the first Debian release that includes OpenOffice.org (1.1.3). It also features cryptographic software integrated in the main distribution. OpenSSH and GNU Privacy Guard are included in the default installation, and strong encryption is present in web browsers, web servers, databases, and many other applications available in this release.

Debian GNU/Linux 3.1 includes the efforts of the Debian-Edu/Skolelinux, Debian-Med and Debian-Accessibility sub-projects which boosted the number of educational packages and those with a medical affiliation as well as packages designed especially for people with disabilities.

Upgrades to Debian GNU/Linux 3.1 from the previous release Debian GNU/Linux 3.0 codenamed "woody" are automatically handled by the aptitude package management tool, and to a certain degree also by the apt-get package management tool. As always, Debian GNU/Linux systems can be upgraded painlessly, in place, without any forced downtime. For detailed instructions about installing and upgrading Debian GNU/Linux, please see the [release notes](#). About Debian

Debian GNU/Linux is a free operating system, developed by more than a thousand volunteers from all over the world who collaborate via the Internet. Debian's dedication to Free Software, its non-profit nature, and its open development model make it unique among GNU/Linux distributions.

The Debian project's key strengths are its volunteer base, its dedication to the Debian Social Contract, and its commitment to provide the best operating system possible. Debian 3.1 is another important step in that

direction. Contact Information

For further information, please visit the Debian web pages at <http://www.debian.org/> or send mail to [<press@debian.org>](mailto:press@debian.org).

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