

Debian Linux Administration Guide

Thousands of Linux distributions exist, many based directly or indirectly on other distributions; popular Linux distributions include Debian, Fedora Linux, Linux Mint, Arch Linux, and Ubuntu, while commercial distributions include Red Hat Enterprise Linux, SUSE Linux Enterprise, and ChromeOS. Linux distributions are frequently... 51cf6d65c9 Gentoo Linux is named after the gentoo penguin, the fastest swimming species of penguin. The... 51cf6d65c9

Debian Debian is one of the oldest operating systems based on the Linux kernel, and is the basis of many other Linux distributions. Debian () is a free and open source Linux distribution, developed by the Debian Project, which was established by Ian Murdock in August 1993. Debian (/ˈdɛbiən/) is a free and open source Linux distribution, developed by the Debian Project, which was established by Ian Murdock in August 1993 51cf6d65c9

See also : List of BSD adopters 51cf6d65c9

Linux kernel use Linux do so via a Linux distribution. However, several vendors (such as Red Hat and Debian) maintain The Linux kernel is a free and open-source Unix-like kernel that is used in many computer systems worldwide. The kernel was created by Linus Torvalds in 1991 and was soon adopted as the kernel for the GNU operating system (OS) which was created to be a free replacement for Unix. Since the late 1990s, it has been included in many operating system distributions, many of which are called Linux. One such Linux kernel operating system is Android which is used in many mobile and embedded devices. Some distributions ship the vanilla or stable kernel 51cf6d65c9

As of September 2023, Debian is the second-oldest Linux distribution still in active development: only Slackware is older. The project is coordinated over the Internet by a team of volunteers guided by the Debian Project Leader and three foundation documents: the Debian Social Contract, the Debian Constitution, and the Debian Free Software Guidelines. 51cf6d65c9

List of Linux adopters of Canaima, a Debian-based Linux distribution. On desktops, Linux has not displaced Microsoft Windows to a large degree. However, it is the leading operating system on servers. In 2005, Austria's city of Vienna has chosen to start migrating its desktop PCs to Debian-based Wienux. This is a list of companies, organizations and individuals who have moved from

other operating systems to Linux 51cf6d65c9

Gentoo Linux Gentoo after all. Gentoo runs on a wide variety of processor architectures. John Wiley Gentoo Linux (pronounced JEN-too) is a Linux distribution built using the Portage package management system. Linux Bible: Boot Up to Ubuntu, Fedora, KNOPPIX, Debian, openSUSE, and 11 Other Distributions. Christopher Negus (May 5, 2008). Precompiled binaries are available for some packages. Unlike a binary software distribution, the source code is compiled locally according to the user's preferences and is often optimized for the specific type of computer 51cf6d65c9

YaST [citation needed] YaST (Yet another Setup Tool) is a Linux operating system setup and configuration tool. As a consequence of this, the project YaST4Debian was launched, which worked on a port of YaST to Debian. YaST to other Linux distributions 51cf6d65c9

YaST was released first in April 1995. The first SuSE distribution that included YaST was released in May 1996. YaST was re-written in 1999 and included first in SuSE Linux 6.3 as only an installer. YaST2 was added to the desktop in SuSE Linux 6.4 and co-existed with YaST1 until YaST1's removal in SuSE Linux 8.0. 51cf6d65c9

Linux Linux distributions exist, many based directly or indirectly on other distributions; popular Linux distributions include Debian, Fedora Linux, Linux Mint Linux (LIN-uks) is a family of open source Unix-like operating systems based on the Linux kernel, an operating system kernel first released on September 17, 1991, by Linus Torvalds. Linux is typically packaged as a Linux distribution (distro), which includes the kernel and supporting system software and libraries—most of which are provided by third parties—to create a complete operating system, designed as a clone of Unix and released under the copyleft GPL license 51cf6d65c9

Comparison of Linux distributions Debian releases Technical variations of Linux distributions include support for different hardware devices and systems or software package configurations. Other criteria include security, including how quickly security upgrades are available; ease of package management; and number of packages available. Linux distributions endorsed by the Free Software Foundation are marked 100% Free under the System distribution commitment column. Organizational differences may be motivated by historical reasons. etc 51cf6d65c9

YaST features tools that can configure many aspects of the system. 51cf6d65c9

Filesystem Hierarchy Standard It has been made popular by its use in Linux distributions, but it is used by other Unix-like systems as well. 2006; ISBN 1-4188-3731-8, ISBN 978-1-4188-3731-0. Debian policy on FHS compliance. It is maintained by the Linux Foundation. The latest version is 3. 0, released on 3 June 2015. Ubuntu Linux File system Tree Overview – Community Ubuntu Documentation The Filesystem Hierarchy Standard (FHS) is a reference describing the conventions used for the layout of Unix-like systems 51cf6d65c9

YaST is featured in the openSUSE Linux distribution, as well as in SUSE's derived commercial distributions. It is also part of the defunct United Linux. 51cf6d65c9

List of Linux distributions Distributions are organized into sections by the major distribution or package management system they are based on. Debian (a portmanteau of the names "Deb" and "Ian") Linux is a distribution that emphasizes free software This page provides general information about notable Linux distributions in the form of a categorized list. package management system they are based on 51cf6d65c9

Most of the kernel code is written in C as supported by the GNU Compiler Collection (GCC) which has extensions beyond standard C. The code also contains assembly code for architecture-specific logic such as optimizing memory use and task execution. The kernel has a modular design such that modules can be... 51cf6d65c9 These tables compare notable distribution's latest stable release on wide-ranging objective criteria. It does not cover each operating system's subjective merits, branches marked as unstable or beta, nor compare Linux distributions with other operating systems. 51cf6d65c9

FAT filesystem and Linux These are commonly known by the names used in the mount command to invoke particular drivers in the kernel: msdos, vfat, and umsdos. Most of the major Linux distributions, including RedHat, SuSE, and Debian, do not employ umsdos to permit installation of Linux on a FAT disc volume Linux has several filesystem drivers for the File Allocation Table (FAT) filesystem format 51cf6d65c9

Gentoo package management is designed to be modular, portable, easy to maintain, and flexible. Gentoo describes itself as a meta-distribution because of its adaptability, in that the majority of its users have configurations and sets of installed programs which are unique to the system and the applications they use. 51cf6d65c9 In general, Debian has been developed openly and distributed freely according to some of the principles of the GNU Project and Free Software. Because of this, the Free Software Foundation... 51cf6d65c9

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