

# Unix Fundamentals

## Unix

Unix (/ˈjuːnɪks/ , YOO-niks; trademarked as UNIX) is a family of multitasking, multi-user computer operating systems that derive from the original AT&T...

## Linux (category Unix variants)

Linux (/ˈlɪnɪks/ LIN-uuks) is a family of open source Unix-like operating systems based on the Linux kernel, an operating system kernel first released...

## Unix filesystem

In Unix and operating systems inspired by it, the file system is considered a central component of the operating system. It was also one of the first parts...

## Shell script (redirect from Unix shell scripting)

A shell script is a computer program designed to be run by a Unix shell, a command-line interpreter. The various dialects of shell scripts are considered...

## Command-line interface (section Option conventions in Unix-like systems)

DEC's DIGITAL Command Language (DCL) in OpenVMS and RSX-11, the various Unix shells (sh, ksh, csh, tsh, zsh, Bash, etc.), CP/M's CCP, DOS's COMMAND.COM...

## Brian Kernighan (category Unix people)

scientist. He worked at Bell Labs and contributed to the development of Unix alongside Unix creators Ken Thompson and Dennis Ritchie. Kernighan's name became...

## GNU Hurd (category Unix variants)

Project of the Free Software Foundation, designed as a replacement for the Unix kernel, and released as free software under the GNU General Public License...

## Vi (text editor) (redirect from Vi (Unix))

(/ˈviːə/ ) is a screen-oriented text editor originally created for the Unix operating system. The portable subset of the behavior of vi and programs...

## List of operating systems (section Unix or Unix-like)

v4 UNIX Time-Sharing System v5 UNIX Time-Sharing System v6 MINI-UNIX PWB/UNIX USG CB Unix UNIX Time-Sharing System v7 (It is from Version 7 Unix (and...

## SCO–Linux disputes (section UNIX SVRx)

announced they had no interest in suing people over Unix and stated "We don't believe there is Unix in Linux". The final district court ruling, on November...

## **AWK (category Standard Unix programs)**

Event-driven programming List of Unix commands Stutz, Michael (September 19, 2006). "Get started with GAWK: AWK language fundamentals" (PDF). developerWorks. IBM...

## **Mach (kernel) (section Unix pipes)**

Mach was developed as a replacement for the kernel in the BSD version of Unix, not requiring a new operating system to be designed around it. Mach and...

## **GNU Project**

operating system GNU (a recursive acronym meaning "GNU's not Unix!"), basing its design on that of Unix, a proprietary operating system. According to its manifesto...

## **List of computer books**

The Unix Programming Environment Donald Knuth - The Art of Computer Programming Ellen Ullman - Close to the Machine Ellis Horowitz - Fundamentals of Computer...

## **Pipeline (software)**

than Unix shells, with steps taking multiple input streams and producing multiple output streams. (Such functionality is supported by the Unix kernel...

## **Super key (keyboard button)**

standard for Unix-like operating systems) supported the Meta, Super, and Hyper modifiers, as well as the common Shift, Control, and Alt keys. Unix workstations...

## **Multics (section Unix)**

inspire the creation of Unix, which carried forward many Multics features, but was able to run on less-expensive hardware. Unix was developed at Bell to...

## **Santa Cruz Operation (category Unix history)**

selling three Unix operating system variants for Intel x86 processors: Xenix, SCO UNIX (later known as SCO OpenDesktop and SCO OpenServer), and UnixWare. SCO...

## **OpenStep**

multiple operating systems, including NeXTSTEP, Windows NT, and various Unix-based systems. It has influenced the development of other GUI frameworks...

## **Time-of-check to time-of-use**

the use of the results of that check. TOCTOU race conditions are common in Unix between operations on the file system, but can occur in other contexts, including...

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