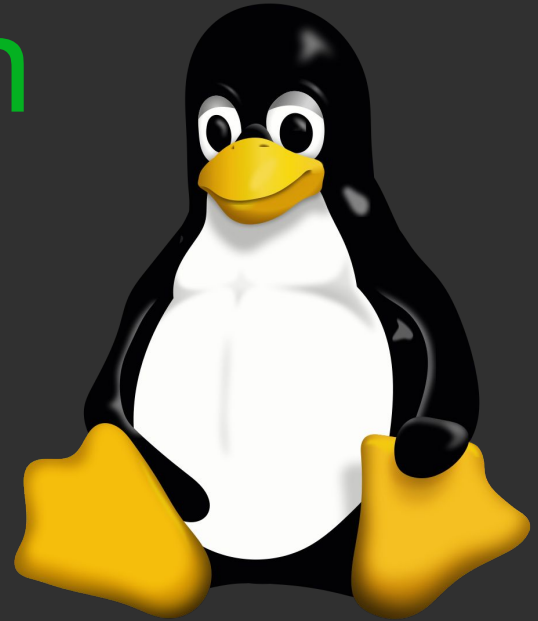


Linux – Just for Fun

Linus Torvalds

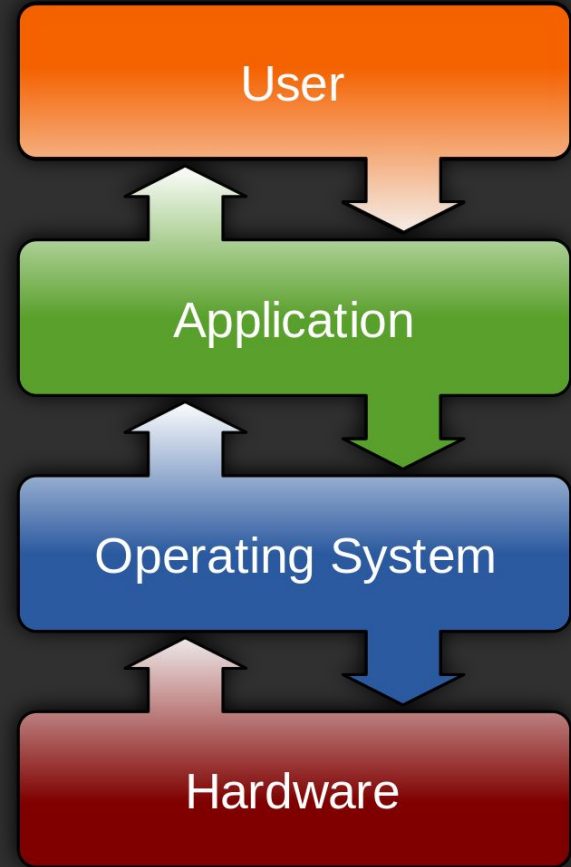


Intro

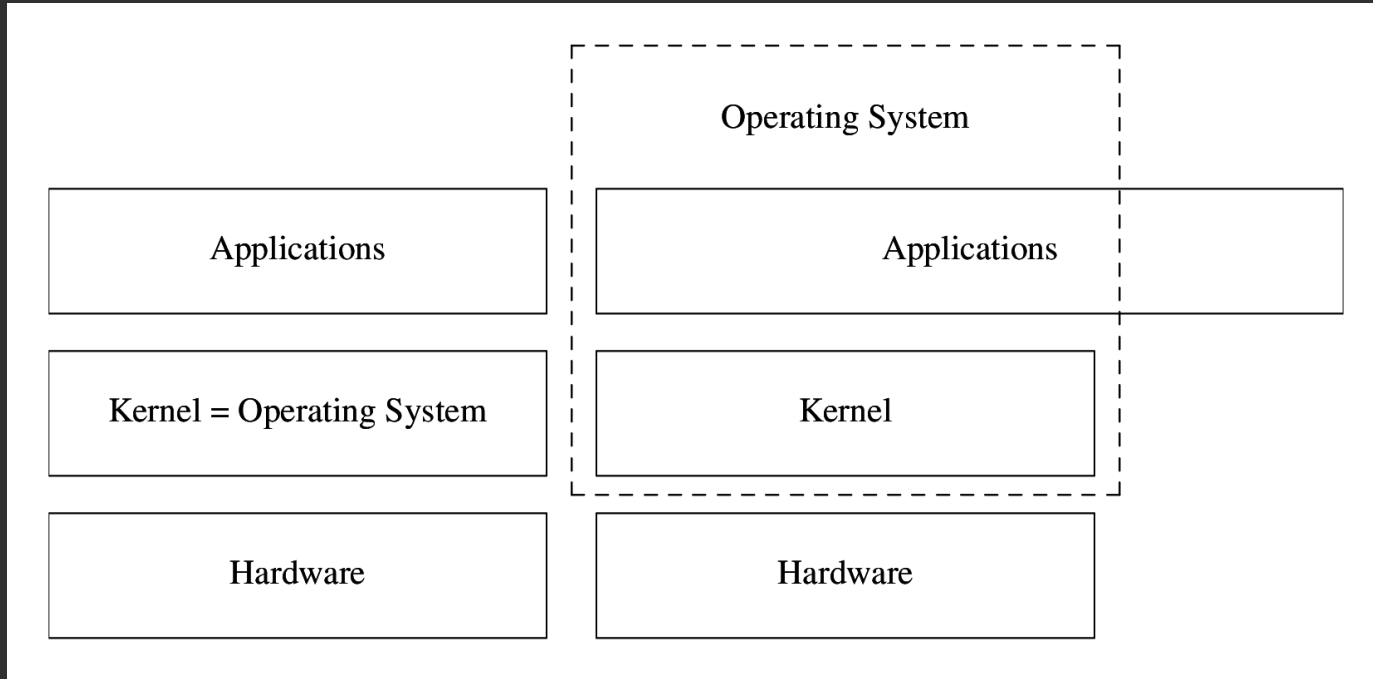


Operating System: Purpose

- Manages the programs in a computer (applications)
 - Word, Internet Explorer, Mail etc.
- Communication between Hardware and Software
- Running multiple programs at the same time
- Handles output and input from attached hardware



Operating System: Kernel



Biography: 1968 - 1991

Linus Torvalds

Born:

December 28, 1968 in Helsinki (Finland)

Parents:

Anna and Nils Torvalds: Journalists

Grandfather:

Leo Törnqvist: professor of statistic

His family belongs to the Swedish-speaking minority in Finland



Biography: 1978 - 1986

Commodore VIC-20

- First computer from his grandfather
- Linus inherited the computer
- Wrote his first code



Biography: 1986 - 1991

Sinclair QL

- First own computer
- Started with programing games
- Wrote parts of the operating system on his own.
- Had to wait weeks for new software from England



History of UNIX (1)

The original version of UNIX was developed in the 1960s/1970s at AT&T Bell Labs by Ken Thompson (sitting) and Dennis Ritchie (standing).



History of UNIX (2)



BSD, the Berkeley Software Distribution is a variation of UNIX first released in 1977 at the University of California in Berkeley.

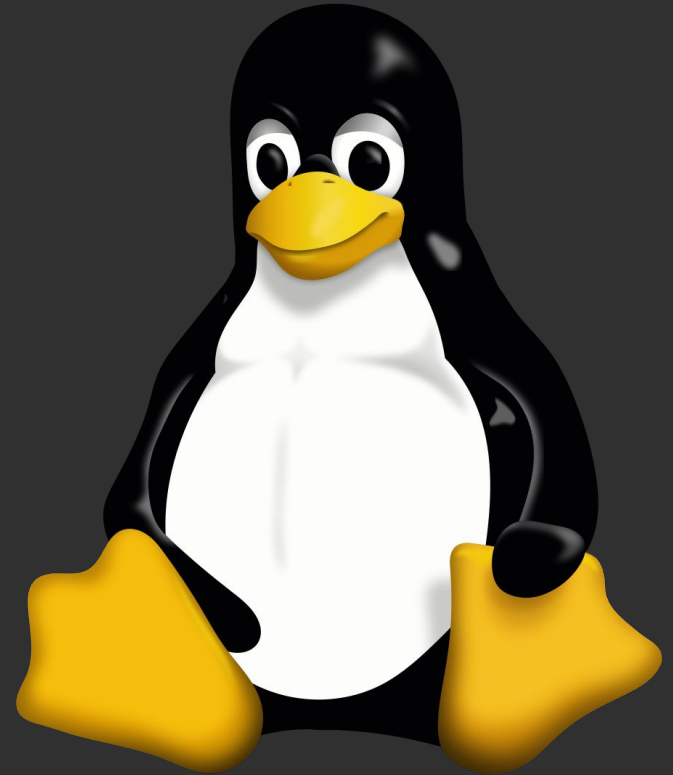
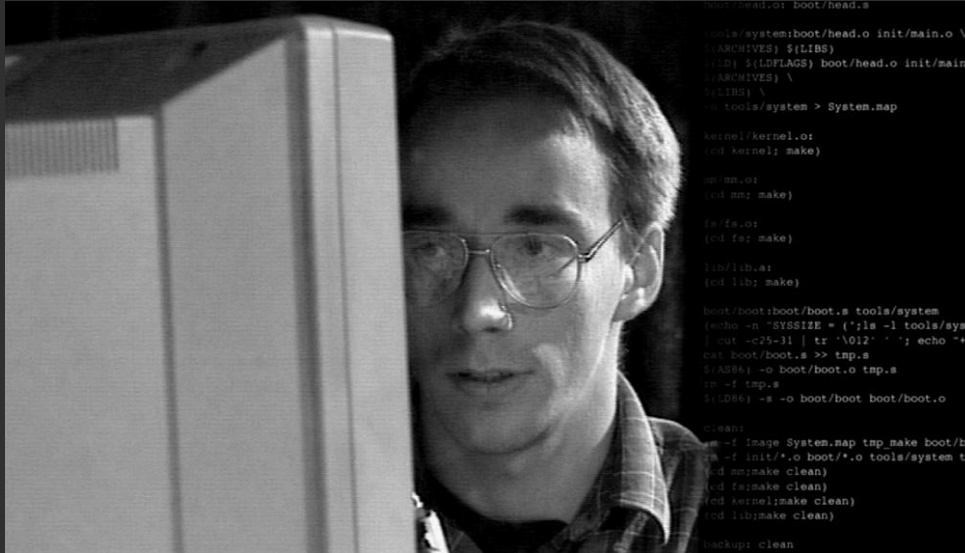
History of UNIX (3)

The GNU project (“GNU’s Not UNIX”) was started in 1984 by Richard Stallman.



History of UNIX (4)

Linus Torvalds first released the initial version of his Linux Kernel in 1991.



History of UNIX (5)



Biography: January - September 1991

January 2, 1991: Bought “No Name” (with his own chosen hardware)

- Create his own terminal emulator for connecting to the university computer
 - Saving files, writing emails....
- Linus mentioned to an online audience, that he was up to something big
- Wrote his own Shell

Biography: September- November 1991

September 17, 1991: Release of version 0.01

- Included shell and terminal
 - Still required Minix to be installed
 - Ari Lemke changed the name from Freakx to Linux
-
- Overwrote part of the operating system on his computer
 - Started to develop Linux as an operating system (as Kernel)

November 1991: Release of version 0.10

- Linux could run without Minix
- Other people had started to use Linux

Biography: 1992 - 1994

January 1992: Release of version 0.12

- Running Linux with lower memory, from an external device

Spring 1992:

- Linux supports a graphical user interface and multiple windows
- During 1992 Linux became more commercial

November 4, 1993:

- Linus held his first speech in the Netherlands about Linux

Biography: 1994 - 2016

March 1994: Release of Version 1.0

- A full-fledged operating system with networking
- Since then, Linux has grown more and more; programmed by people worldwide

2016: Version 4.88

Linux, Windows, Mac OS



Android, iOS



quite frankly...

