

# Brief Linux Presentation

July 10th, 2006

Elan Borenstein

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1982 - University of California, Berkeley (UCB)

- Developed BSD UNIX because new commercial UNIX releases no longer included the source code.

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Apr 1991 - At age 21, Linus Torvalds starts working on a new operating system inspired by MINIX.

- September 1991 - Linux version 0.01 is released.

# Overview

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  - Linux Kernel
  - GNU tools

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## -Distributions

- Debian
- Mandrake
- Red Hat
- Ubuntu

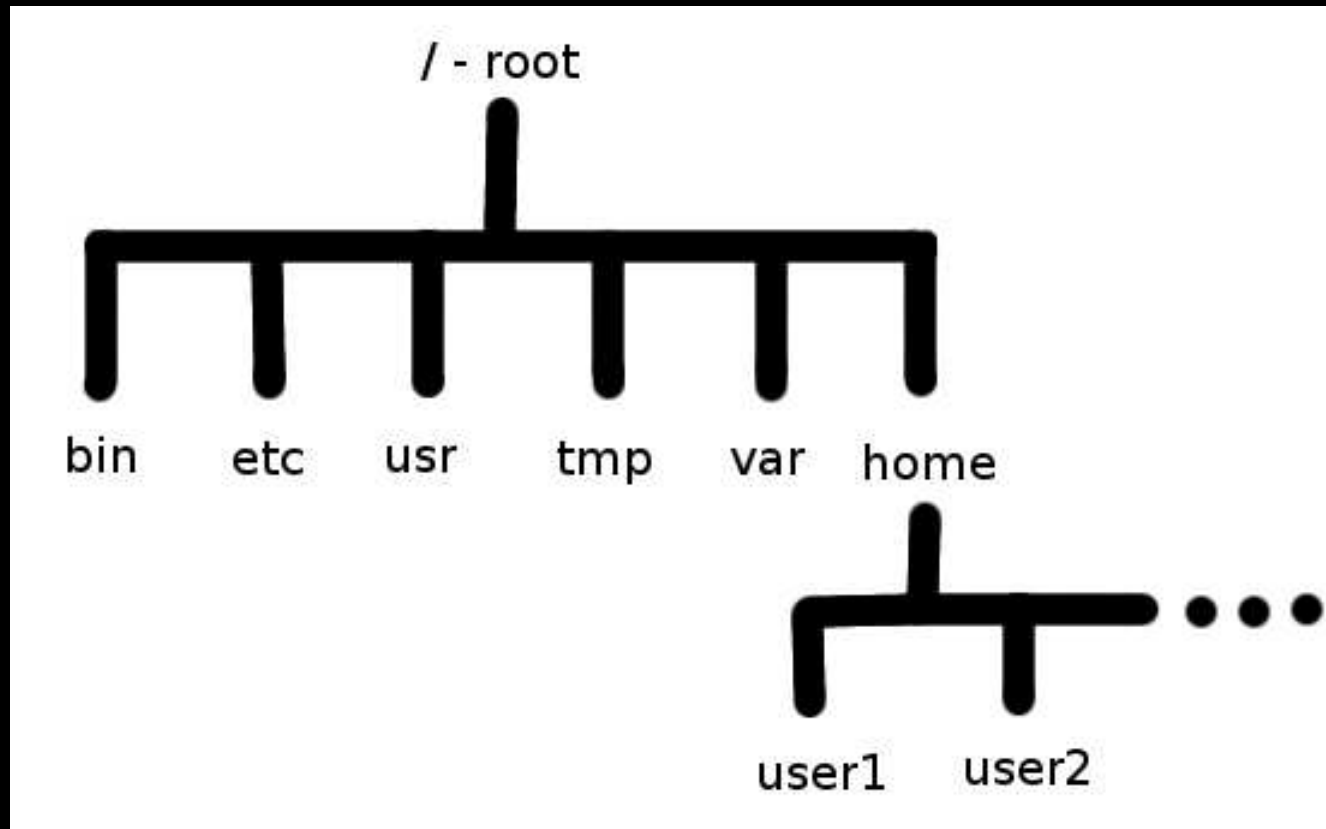
# Logging In and Out

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- Need account on machine(s) you want to log in to:
  - username and password
- Local Login
- Remote Login
  - `ssh [-X] username@machineAddress`
- Opening a Terminal (command line prompt)
- Exiting and Logging Out
  - `exit`

# The Unix Filesystem

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- **less, more, cat, tail** - examines files

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- **rmdir** - removes directory
- **cp** - copies
- **mv** - moves
- **rm** - removes [-r]
- **lpr -P**printername filename - prints file on selected printer
  - hp4si
  - hp5si

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- `up arrow` - previous commands

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- **find** - finds files whose name matches pattern [-name]

# GNOME

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- Terminal
- Multiple Desktops
- Places
- Applications
  - Firefox Web Browser
  - Open Office
  - Maple (maple or xmaple -cw)
  - Matlab (matlab)
  - Ansys (launcher90 -runae fontsize 18)
  - Nessus (NESSUS)
- Quick Launcher

# Acknowledgments

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- Yuriy Gulak
- Haym Benaroya