

ENGR 3421: ROBOTICS I

Introduction to Linux

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Outline

Story of Linux

Linux Command Line



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Linus Benedict Torvalds



Hello everybody out there using minix -

I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones. This has been brewing since april, and is starting to get ready. I'd like any feedback on things people like/dislike in minix, as my OS resembles it somewhat (same physical layout of the file-system (due to practical reasons) among other things).

I've currently ported bash(1.08) and gcc(1.40), and things seem to work. This implies that I'll get something practical within a few months, and I'd like to know what features most people would want. Any suggestions are welcome, but I won't promise I'll implement them :-)

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PS. Yes - it's free of any minix code, and it has a multi-threaded fs. It is NOT protable (uses 386 task switching etc), and it probably never will support anything other than AT-harddisks, as that's all I have :-).

Linux Distros

Distro is a complete operating system based on the Linux kernel that contains a bunch of packages and libraries.

- Debian(for home users)
- Redhat(for enterprises)
- Slackware
- Android



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Linux Command Line

The Linux command line is a text interface to your computer.

Note

Check out this [tutorial](#)

- Opening a terminal
- Changing directories
- Creating folders and files
- Manipulating files
- The superuser



Package Management

The package management system installs, upgrades, configures and removes software.

- apt
- dpkg

