Linux Introduction

Why learn It?

Presented by

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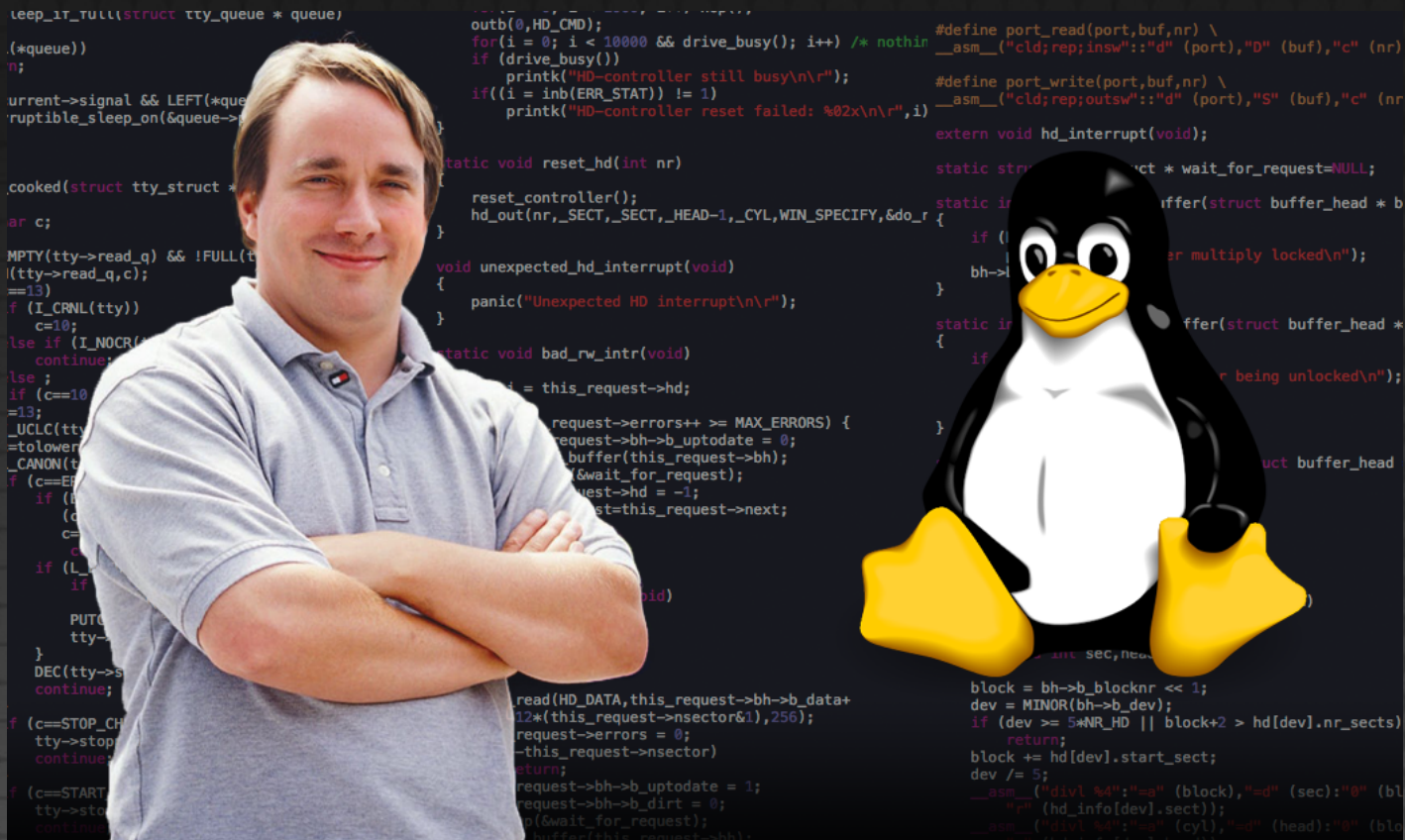
Today's Topics

1. What's Linux.

2. Why learn Linux.

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What's Linux?

Linus Torvalds creador del Kernel Linux el 5 de octubre del 1991.

Details – What's Linux

Just like Windows XP, Windows 7, Windows 8, and Mac OS X, Linux is an operating system. An operating system is software that manages all of the hardware resources associated with your desktop or laptop.

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Details – What's Linux

The OS is comprised of a number of pieces:

- The Bootloader: The software that manages the boot process of your computer.

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Details – What's Linux

- The kernel: This is the one piece of the whole that is actually called "Linux". The kernel is the core of the system and manages the CPU, memory, and peripheral devices. The kernel is the "lowest" level of the OS.

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Details – What's Linux

- Daemons: These are background services (printing, sound, scheduling, etc) that either start up during boot, or after you log into the desktop.

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Details – What's Linux

- The Shell: You've probably heard mention of the Linux command line. This is the shell – a command process that allows you to control the computer via commands typed into a text interface.

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Details – What's Linux

- Graphical Server: This is the sub-system that displays the graphics on your monitor. It is commonly referred to as the X server or just "X".

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Details – What's Linux

- Desktop Environment: This is the piece of the puzzle that the users actually interact with. There are many desktop environments to choose from (Unity, GNOME, Cinnamon, Enlightenment, KDE, XFCE, etc).

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Details – What's Linux

- Applications: Desktop environments do not offer the full array of apps. Just like Windows and Mac, Linux offers thousands upon thousands of high-quality software titles that can be easily found and installed.

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Why You Should Learn Linux

Details – Why Learn it?

- 1. It (still) makes your resume look awesome.

  - Linux jobs are hotter than ever. It looks like cloud computing is here to stay, and along with it, Linux is as relevant as ever! Plus, Linux pros are paid well.

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Details – Why Learn it?

- 2. It's cheaper to learn than proprietary systems.

  - One of the difficult parts about learning commercial systems is the cost. Whether it's networking hardware, server licenses, or cloud-based server time, there's almost always a cost associated with hands-on learning. With Linux, everything is free, and runs well on virtual machines or old hardware. "I can't afford it" is no longer an excuse when you're dealing with Linux.

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Details – Why Learn it?

- 3. It's really difficult to learn.

  - Except that's a lie, it's not difficult at all! One of the reasons I'm so passionate about Linux education is that it intimidates so many people. Linux is a little confusing at first, but once you get familiar with it, you'll find it's not nearly as scary as it seems. If you've ever been interested in Linux, or just want to find a way to expand your technological prowess, start learning Linux today!

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Summary

- https://blog.cbtnuggets.com/2014/11/learn-linux/

- https://www.linux.com/what-is-linux

- https://www.linuxfoundation.org/

- https://www.facebook.com/groups/GNULinuxDominicana/?ref=bookmarks

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Questions?

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