

Linux Class

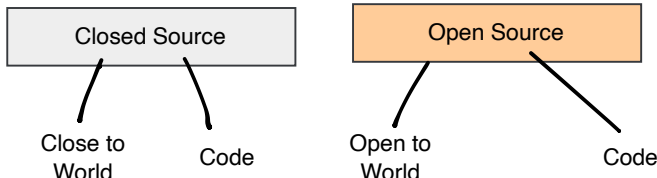
Linux Syllabus
Introduction of Linux
Basics Command
Files Structure
System Level Commands
User Group Management
File Permission
Process Management
Bash Scripting

Why?

Unix - 1970	IBM - Aix, Apple - Mac, Solaris - Oracle	Closed Source
Windows - 1980	GUI, Office, Slow, 24x7, Security	Closed Source
Linux - 1990		Open Source



Linus Torvalds



Linux
Git

SCM - Source Code Management

Open Source Tools
Linux
Git
Kubernetes
Terraform
Prometheus

Linux Advantage
Cost Effective
Performance
365 x 24
Secure

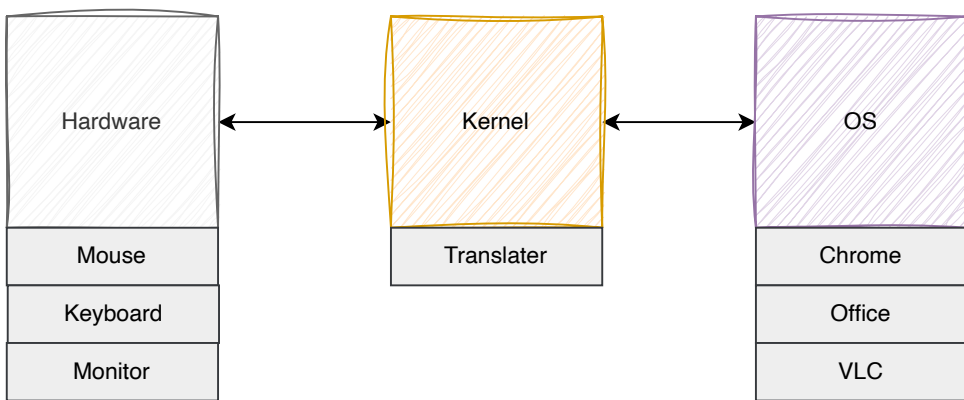
Closed Source - Windows
Microsoft Engineers

Open Source - Linux
Community

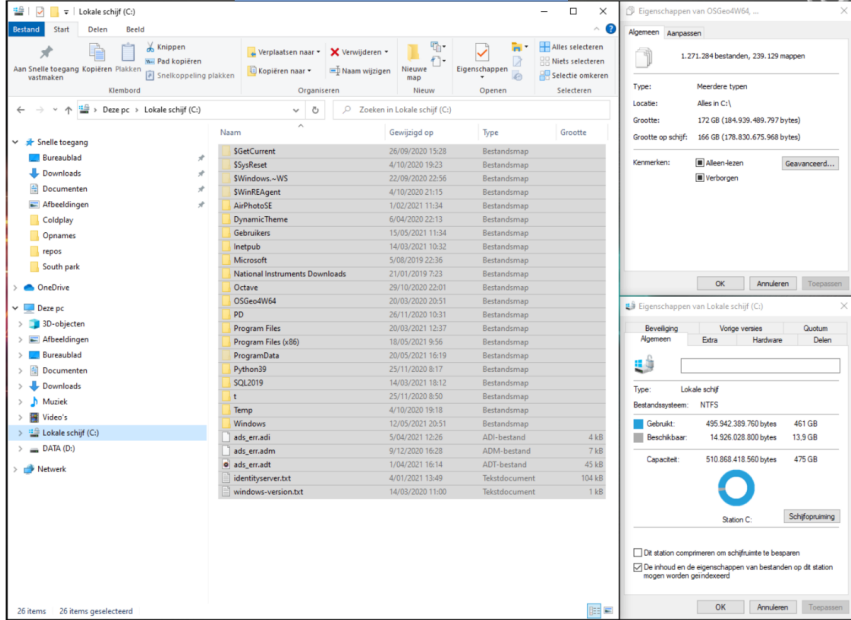
Virus - Windows, Linux

What is Linux?
Linux is not a OS
It is a Kernel

Linux based OS
Ubuntu
Redhat
Kali
Fedora
Centos



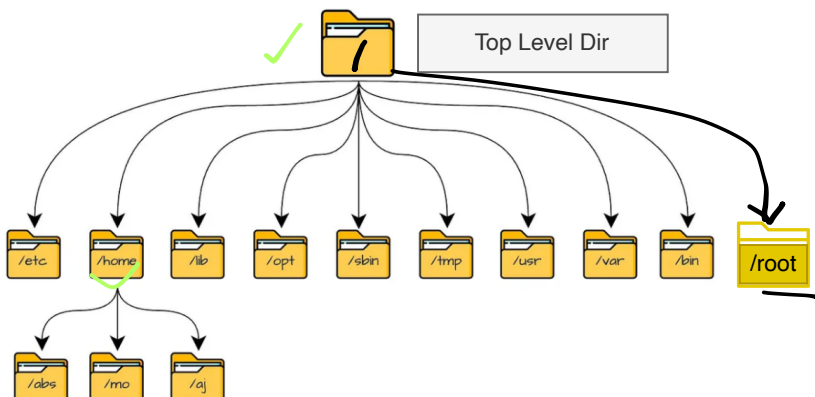
Windows File System



- Everything is a file
- No drives
- Start with / not Drives
- Root = God
- Folder = Directory

Linux File System

blog.coderco.io



Linux Basics Commands	
whoami	Current User - koun ho
pwd	Present Working Dir - kaha ho
cd	Change Dir - folder change karo
ls	listing - files and folders ko dekhna
touch	to create a file - naya file banana
mkdir	make dir - folder create karna
nano	file editor - notepad
rm	remove file/folder - delete karna
cp	copy files/folder - copy karna
clear	clear screen

Terminal
Shell
Console
Text Based