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Linux Overview

Is it the year of Linux yet?

Today's menu

- What is Virtualization?
- What is Linux?
- Play with Linux!

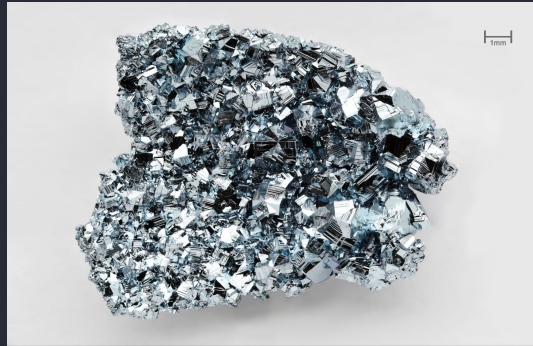
PART #0

OS



What is an OS ?

Osmium



Operating System

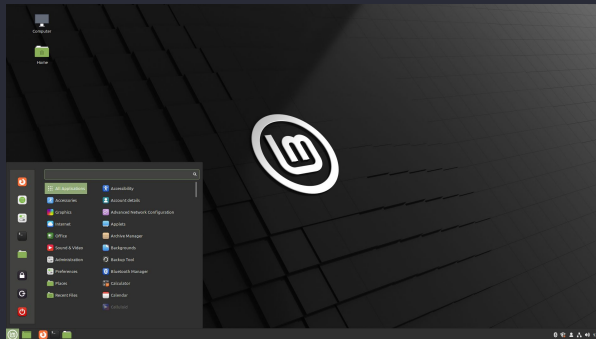
Software that supports a computer's basic functions, such as scheduling tasks, executing applications, and controlling peripherals.



Windows



Mac OS (X)



???



PART #1

Virtualization

An OS always runs on **real hardware.
Right?**



Virtualization is a concept where we fake the hardware, so we can run an OS inside an OS*

Bare Metal

Type I Hypervisor

Type II Hypervisor

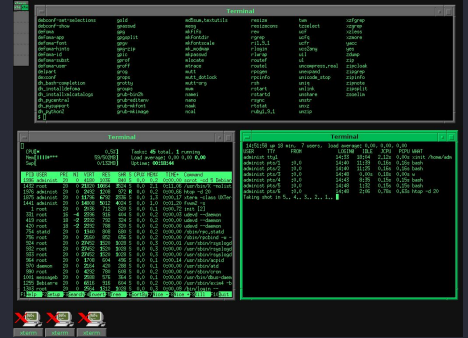
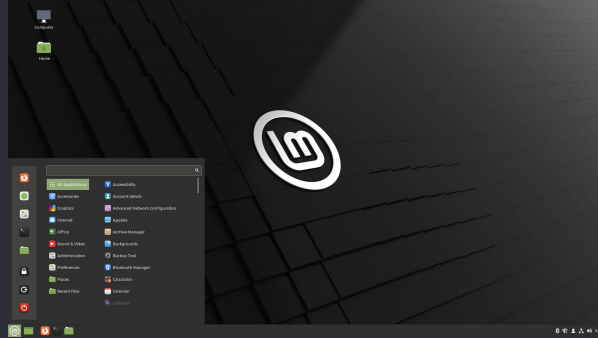
Why do we want virtualization?

PART #2

Linux

What is Linux?

An UNIX-like operating system



Linux with KDE, GNOME, FVVM

Let's look at some distributions

PART #3

Managing Linux

Common Commands

We interact with Linux with commands

man, ls, cd, pwd, touch, mkdir, sudo, ...

Navigating the filesystem

The Linux filesystem is / based

Everything starts from / !

Questions?

Existential or not, no worries :)