



UBUNTU 20.04

BASH (Bourne-Again) SHELL

Power /Settings/About

Activities

Applications

Favorites Bar

Ubuntu

- Ubuntu is a Linux/Unix based open source operating system.
 - Best feature: It is a free operating system backed by a huge open source community.
- Developed by a UK based company called Canonical Ltd, founder Mark Shuttleworth.



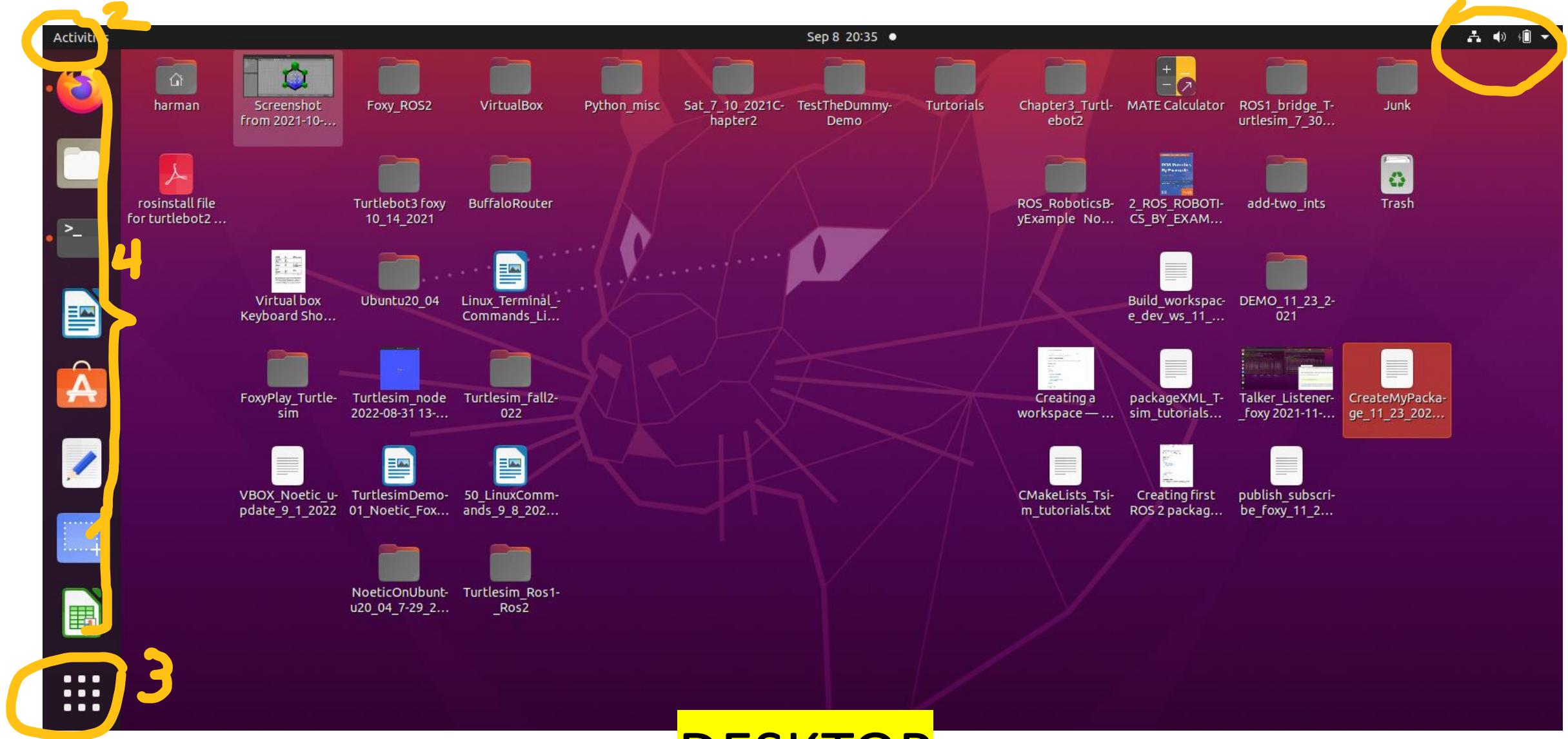
Circle of Friends

April 23rd 2020: Canonical, the publisher of [Ubuntu](https://ubuntu.com), today announced the general availability of Ubuntu 20.04 LTS, with a particular emphasis on security and performance.

<https://canonical.com/blog/ubuntu-20-04-lts-arrives>

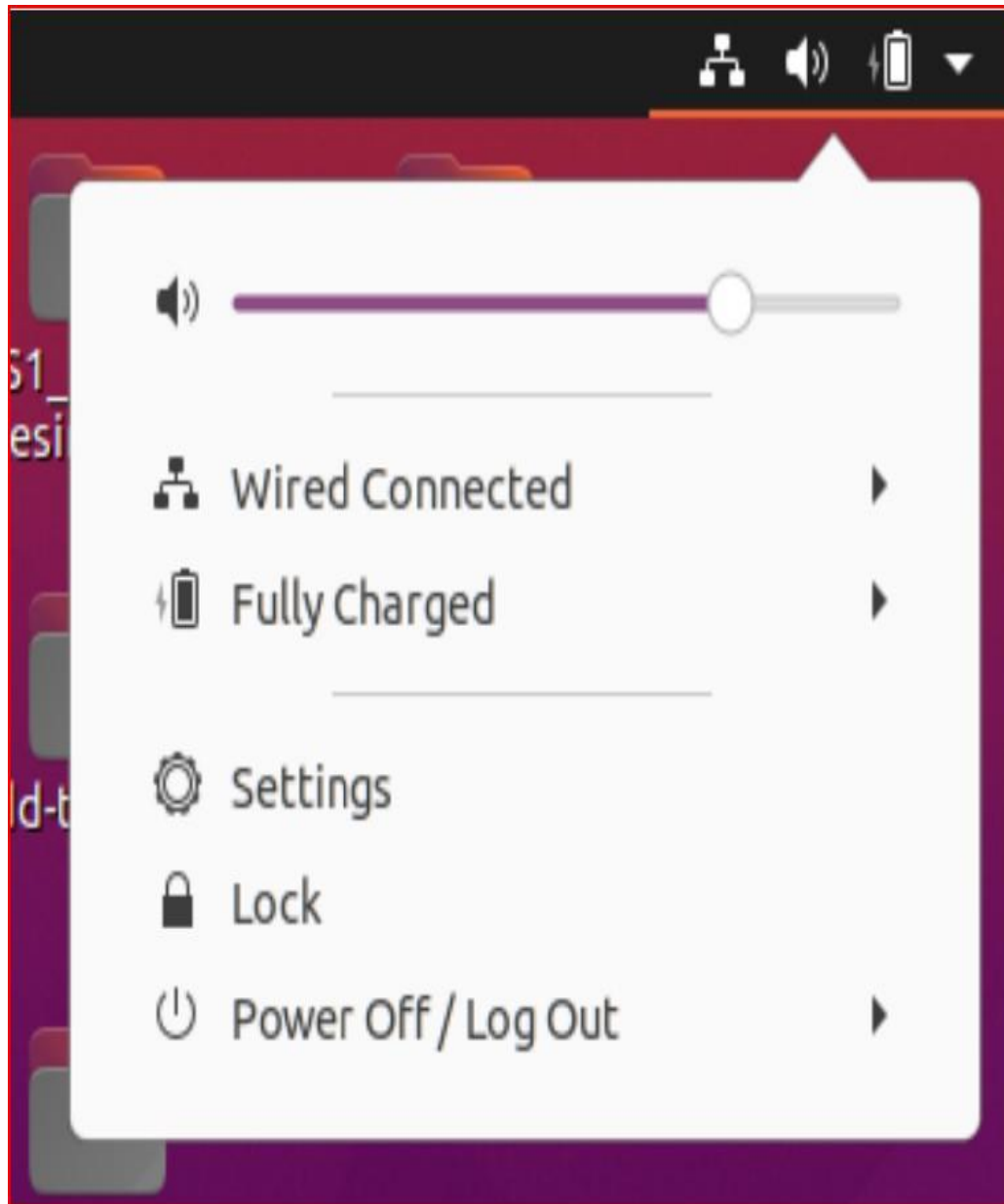
What's Up for Running Programs

Network, Settings, Shutdown



Show Applications

DESKTOP





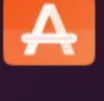






Network, Settings, Shutdown

Activities

Settings

Sep 8 21:19



Settings

Network

Bluetooth

Background

Appearance

Notifications

Search

Applications

Privacy

Online Accounts

Sharing

Sound

Power

Displays

Mouse & Touchpad


Keyboard Shortcuts


Printers


Online Accounts


Connect to your data in the cloud


Add an account


 Ubuntu Single Sign-On


 Google


 Nextcloud

 Microsoft

 Flickr

 Foursquare

 Microsoft Exchange



Settings

Online Accounts

Sharing

Sound

Power

Displays

Mouse & Touchpad

Keyboard Shortcuts

Printers

Removable Media

Color

Region & Language

Universal Access


Users

Default Applications

Date & Time

About

About



Device Name

harman-VirtualBox >

Memory

19.3 GiB

Processor

Intel® Core™ i9-9980HK CPU @ 2.40GHz × 4

Graphics

llvmpipe (LLVM 12.0.0, 256 bits)

Disk Capacity

42.9 GB

OS Name

Ubuntu 20.04.5 LTS

OS Type

64-bit

GNOME Version

3.36.8

Windowing System

X11

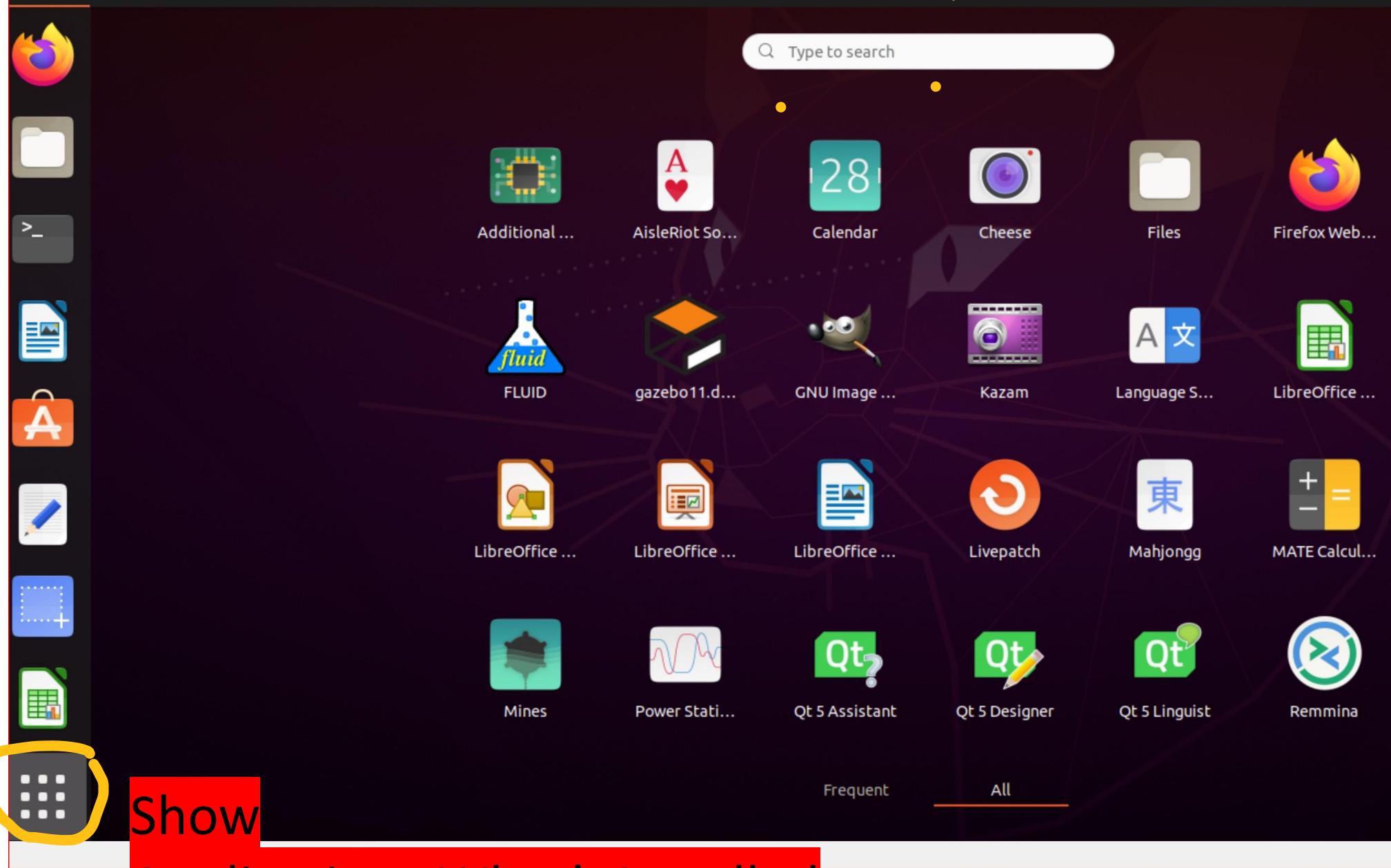
Virtualization

Oracle

Software Updates

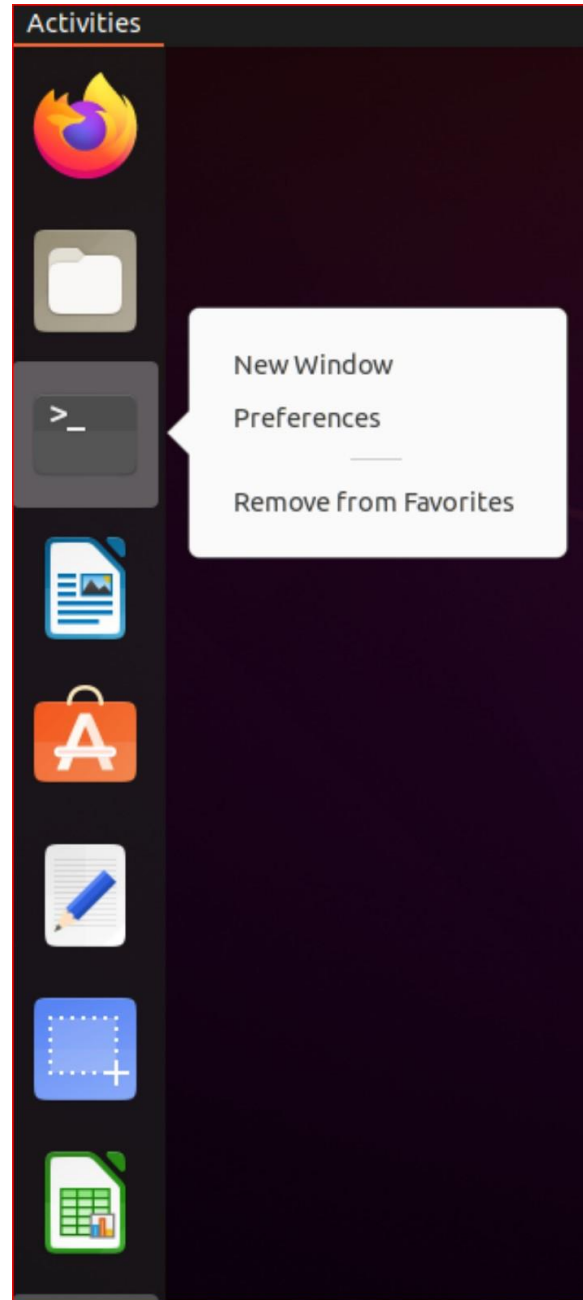
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Show
Applications What's Installed

FAVORITES BAR (DASH)



Impress a PRO!

A shell is an environment or a special user program which provide an interface to user to use operating system services. It executes programs based on the input provided by the user.

The standard Ubuntu Destop is GNOME

Kernel is the heart and core of an Operating System that manages operations of computer and hardware. It acts as a bridge between the user and the resources of the system by accessing various computer resources like the CPU, I/O devices and other resources. between the user and the resources of the system by accessing various computer

The Linux Kernel is LINUX -

<https://www.geeksforgeeks.org/difference-between-shell-and-kernel/>

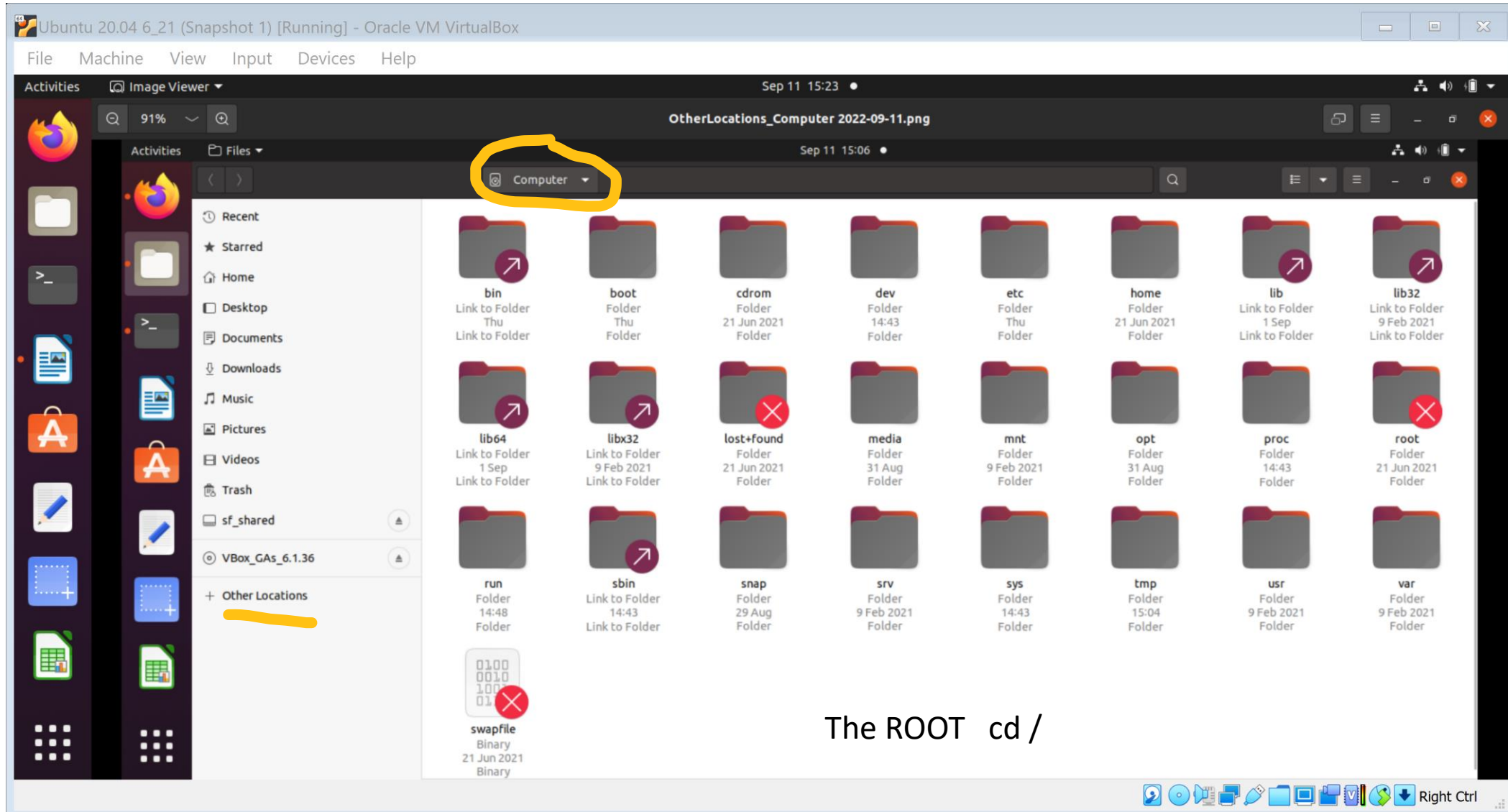
Linux File System/Structure Explained! HW3 Help

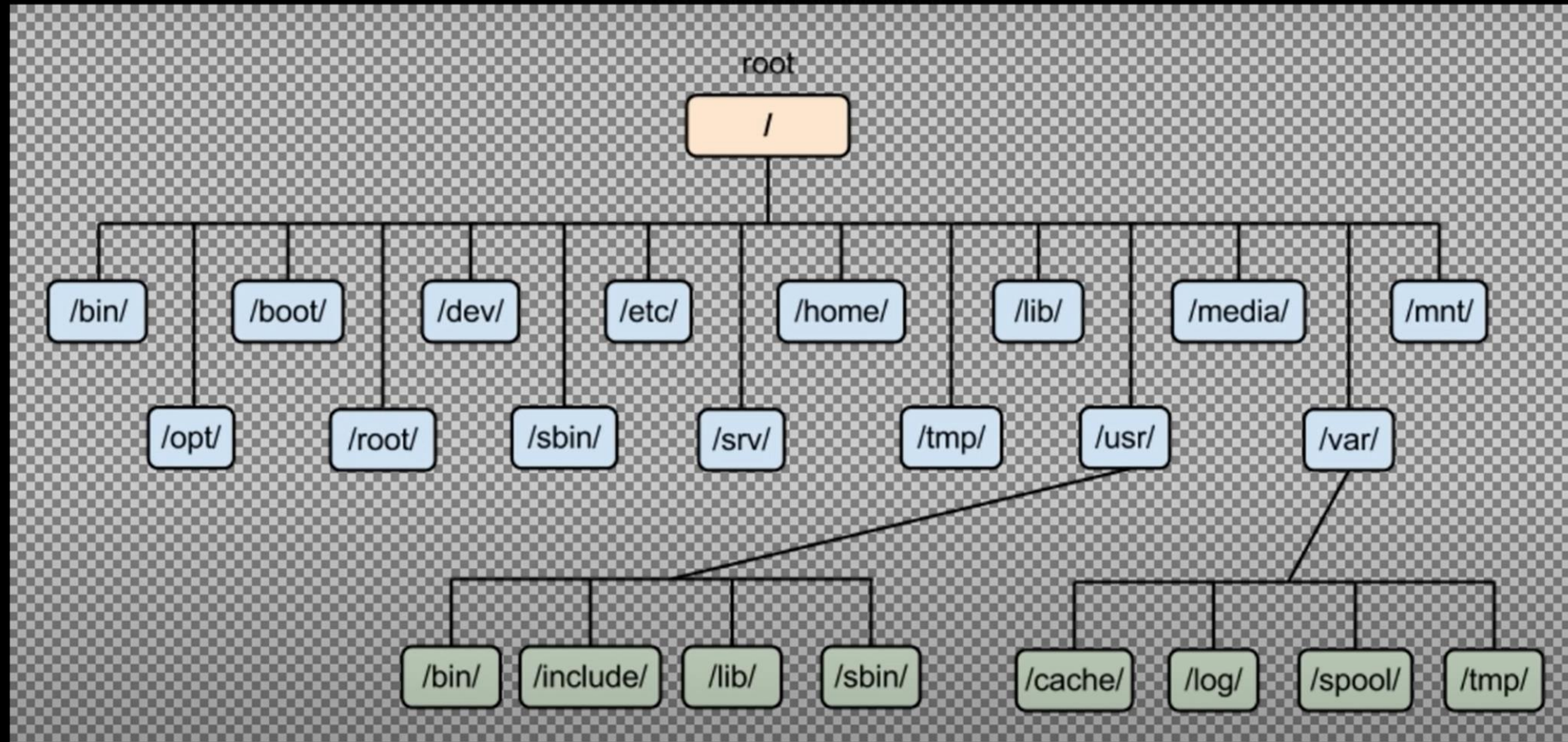
3,039,537 views May 18, 2018 15:58

Let's Watch 5 minutes

DorianDotSlash

<https://www.youtube.com/watch?v=HbgzrKJvDRw>





At the root directory are these system level directories:

Directory	Content
bin	Essential command binaries
boot	Static files of the boot loader
dev	Device files
etc	Host-specific system configuration
home	User home directories YOUR HOME
lib	Essential shared libraries and kernel modules
media	Contains mount points for replaceable media
mnt	Mount point for mounting a file system temporarily
opt	Add-on application software packages ROS, etc.
proc	Virtual directory for system information
root	Home directory for the root user
run	Run-time variable data
sbin	Essential system binaries
srv	Data for services provided by the system
sys	Virtual directory for system information
tmp	Temporary files
usr	Secondary hierarchy
var	Variable data

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At the **root directory** are these system level directories:

```
harman@harman-VirtualBox:~$ cd /
```

```
harman@harman-VirtualBox:/$ ls
```

```
bin  dev  lib  libx32  mnt  root  snap  sys  var
boot  etc  lib32  lost+found  opt  run  srv  tmp
cdrom home  lib64  media  proc  sbin  swapfile  usr
```

LET'S GO PLAY WITH LINUX – UBUNTU 20.04

<https://www.techworm.net/2020/04/canonical-ubuntu-20-04-lts-focal-fossa.html>

