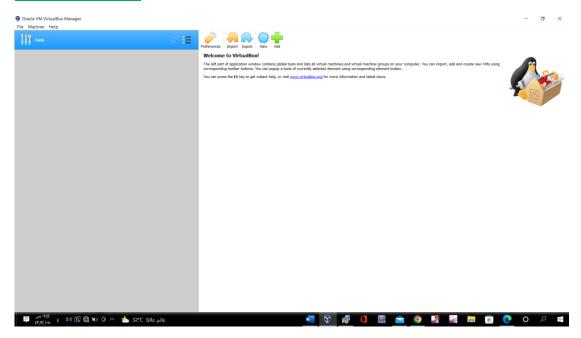
## **ROS - Robot Operating System**

Ros is abbreviation for the robot operation system it's actually a powerful and flexible framework that aims for simplifying the task of creating complex behavior so basically If you want to build a robot or are you don't have much experience just that you really wanna work on that begin with the installation process

### **Steps for Download ROS**

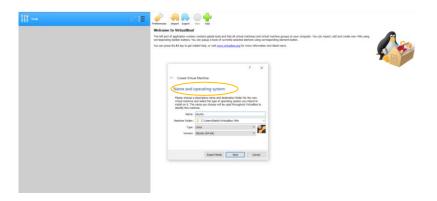
#### First step:

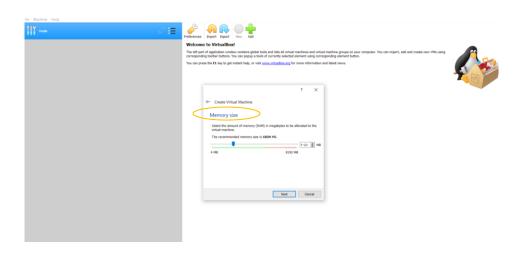
#### **Download VirtualBox**

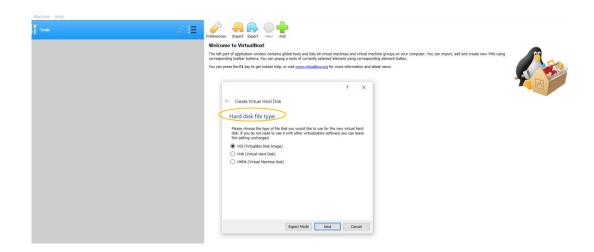


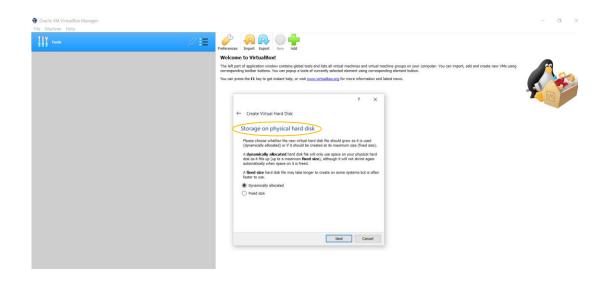
#### Second step:

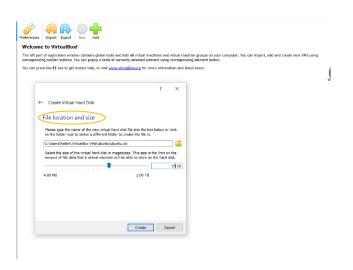




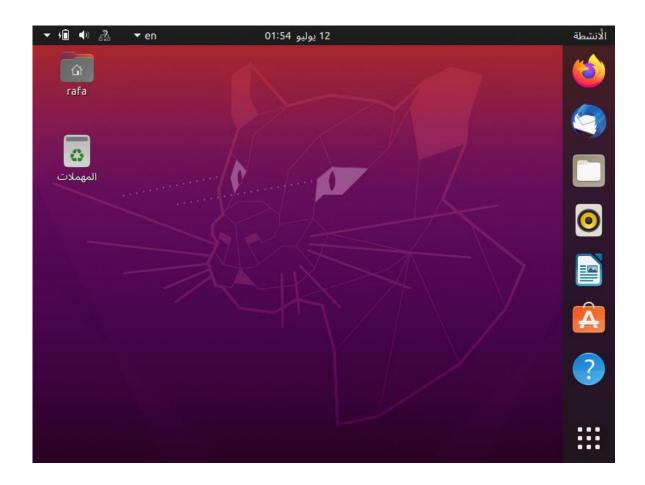








# Ubuntu is ready

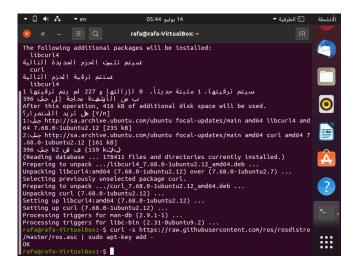


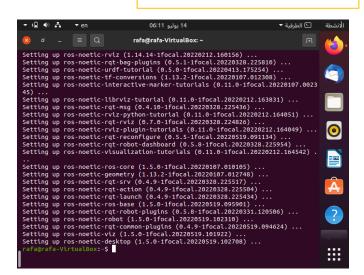
#### The third step:

#### Open Installation/Ubuntu - ROS Wiki

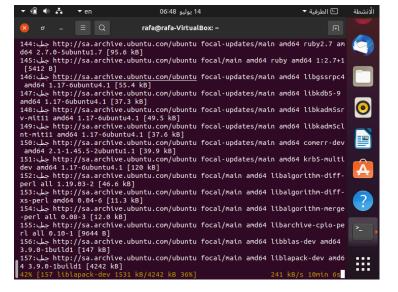
- Coby all command in the link and past in terminal window
- Some screenshots while uploading

#### command of update



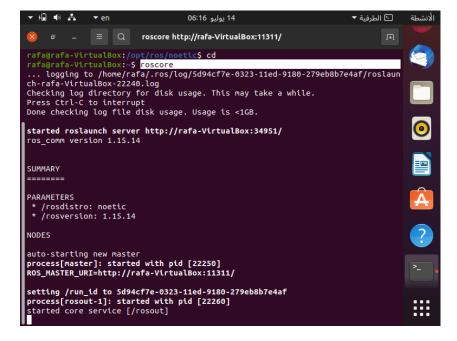


**Desktop-Full Install** 



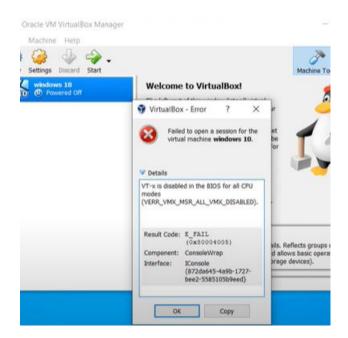
## Ensure that the process is completed

Command roscore





#### Some problems I encountered while installing the **Ubuntu**



Error massage

#### Solve:

#### First step

#### **Open BIOS windows**



Search for the word virtual and change Discreated to enabled and save and exit

