

How to install ROS Noetic on ubuntu 20.04 OS

Step

1

- Open terminal on ubuntu and paste the link below in it, press enter. write the password and press enter again.

○ قم بفتح التيرمينال على نظام ابونتو بعد ذلك قم بنسخ هذا الرابط ثم لصقه في التيرمينال واضغط Enter ثم أكتب كلمة المرور.

```
Wget -c
```

```
https://raw.githubusercontent.com/qboticslabs/ros_install_noetic/master/ros_install_noetic.sh && chmod +x./ros_install_noetic.sh &&./ros_install_noetic.sh
```

Step

2

- After waiting, you will see this message (enter your install) write 1.

○ انتظر لمدة من الزمن، سوف يظهر لك كما في الصورة، أكتب 1

```
Hit:1 http://in.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://in.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://in.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:5 http://packages.ros.org/ros/ubuntu focal InRelease
Hit:6 http://packages.ros.org/ros-testing/ubuntu focal InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.

#####
>>> {Step 5: Install ROS, you pick how much of ROS you would like to install}
[1. Desktop-Full Install: (Recommended) : Everything in Desktop packages,
simulators and 2D/3D perception packages ]

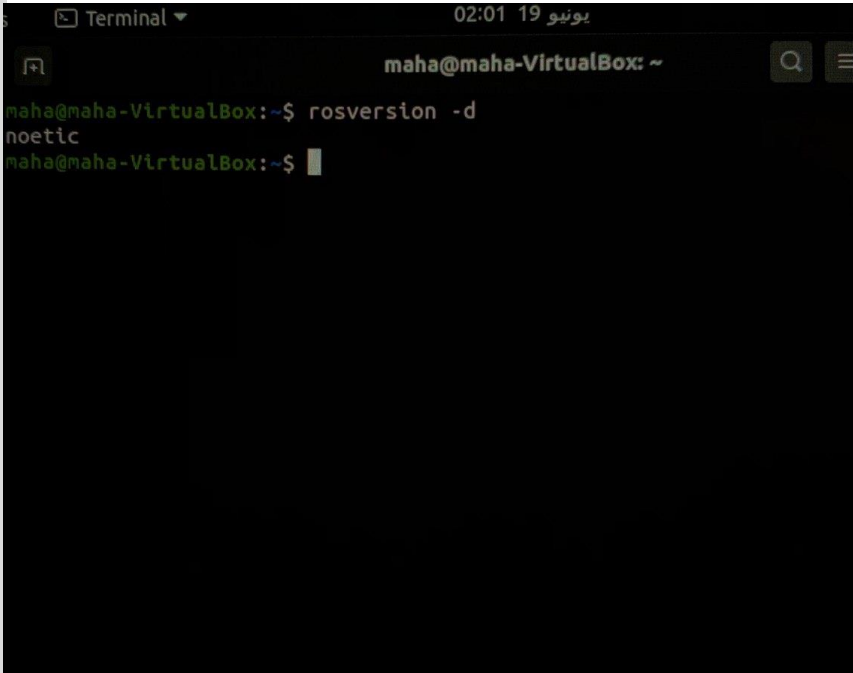
[2. Desktop Install: Everything in ROS-Base plus tools like rqt and rviz]

[3. ROS-Base: (Bare Bones) ROS packaging, build, and communication
s. No GUI tools.]

Enter your install (Default is 1):
```

Step 3

- When the installation is finished, check that the install was successful by writing this code `rosversion -d` in terminal. If (noetic) appears, it means it's done.
- عند انتهاء التنصيب، تحقق ما إذا كان تم بنجاح عبر كتابة `rosversion -d` إذا ظهرت كلمة noetic فقد انتهى التنصيب بنجاح.



```
maha@maha-VirtualBox: ~  
maha@maha-VirtualBox:~$ rosversion -d  
noetic  
maha@maha-VirtualBox:~$
```

- لتفاصيل أكثر قم بزيارة <https://robocademy.com/2020/05/23/getting-started-with-new-ros-noetic-ninjemys/>