

These are the steps to download the ROS system on my computer

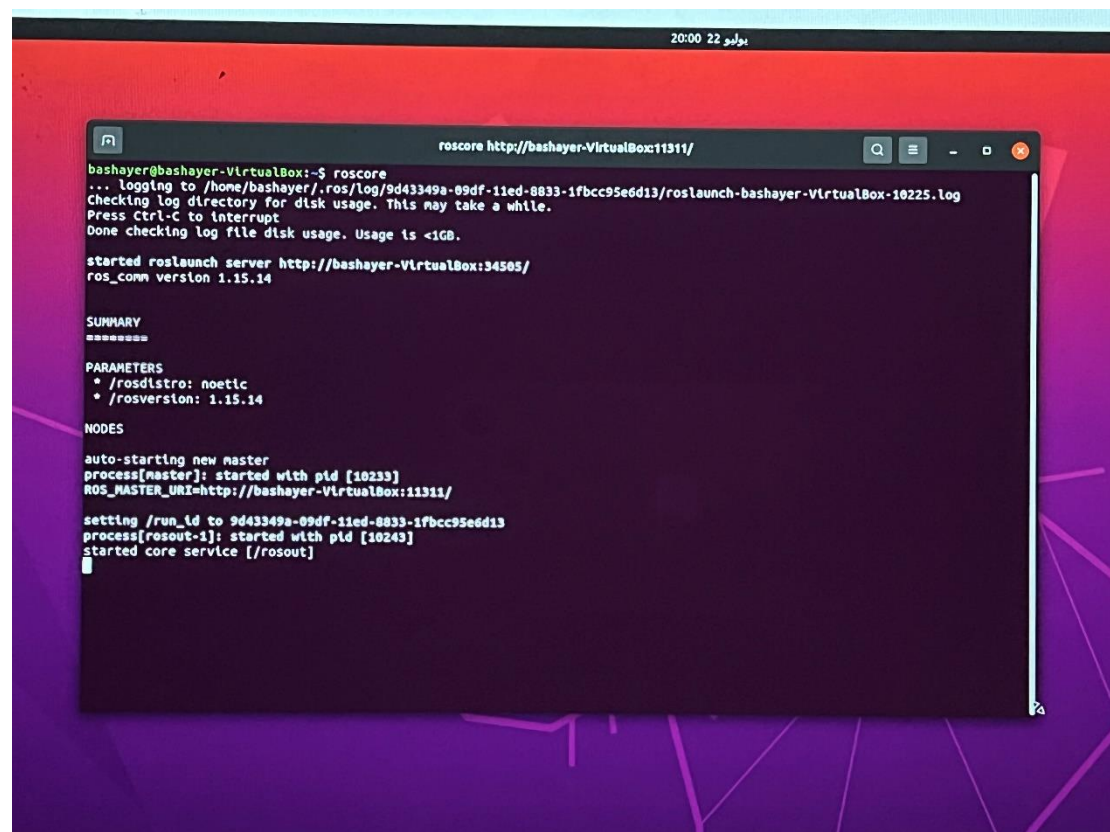
At first I downloaded VirtualBox so that I can download Ubuntu in it  
after that, I downloaded Ubuntu 20-04 to install the ROS system on Ubuntu, with the  
help of this video from Smart Method company:

<https://youtu.be/fr6TXEd2rXI>

Then I wrote the code for the ROS system in terminal with help of the same video  
above and the following sources

<https://s-m.com.sa/ros.txt>

<https://varhowto.com/install-ros-noetic-ubuntu-20-04>

A screenshot of a terminal window titled 'roscore http://bashayer-VirtualBox:11311/'. The terminal shows the execution of 'roscore' and 'roslaunch' commands. It displays log messages for checking disk usage, starting the roslaunch server, and the summary of the ROS environment. The summary includes parameters like 'rostdistro: noetic' and 'rosversion: 1.15.14'. It also shows the auto-starting of a new master process and the setting of the run\_id to '9d43349a-09df-11ed-8833-1fbcc95e6d13'.

```
bashayer@bashayer-VirtualBox:~$ roscore
... logging to /home/bashayer/.ros/log/9d43349a-09df-11ed-8833-1fbcc95e6d13/roslaunch-bashayer-VirtualBox-10225.log
Checking log directory for disk usage. This may take a while.
Press Ctrl-C to interrupt
Done checking log file disk usage. Usage is <1GB.

started roslaunch server http://bashayer-VirtualBox:34505/
ros_comm version 1.15.14

SUMMARY
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PARAMETERS
* /rostdistro: noetic
* /rosversion: 1.15.14

NODES

auto-starting new master
process[master]: started with pid [10233]
ROS_MASTER_URI=http://bashayer-VirtualBox:11311/

setting /run_id to 9d43349a-09df-11ed-8833-1fbcc95e6d13
process[rosout-1]: started with pid [10243]
started core service [/rosout]
```