

Install ROS in laptop & Jeston Nano

To do the job we need to do the following:

- 1- Install Virtual Box
 - a. <https://www.virtualbox.org/wiki/Downloads>
- 2- Install Ubuntu
 - a. <https://releases.ubuntu.com/20.04/>
- 3- Watch the following video and take the steps
 - a. <https://www.youtube.com/watch?v=x5MhydiJWmc&t=1072s>
- 4- Install ROS in Ubuntu
 - a. Watch the following video and take the steps
 - b. <https://www.youtube.com/watch?v=ZA7u2XPmnlo&t=268s>
 - i. <http://wiki.ros.org/noetic/Installation>

FOR JESTON NANO :

- Open terminal than write the flowing:
 - git clone <https://github.com/JetsonHacksNano/installROS>
 - cd installROS
 - ./installROS -h
 - ./installROS.sh -p ros-melodic-desktop -p ros-melodic-rgbd-launch
- setupCatkinWorkspace
 - ./setupCatkinWorkspace.sh
 - gedit ~/bashrc
- Open a new terminal :
 - source ~/bashrc
 - roscore