

- `sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu $(lsb_release -sc) main" > /etc/apt/sources.list.d/ros-latest.list'`
- `sudo apt install curl` # if you haven't already installed curl
- `curl -s https://raw.githubusercontent.com/ros/rosdistro/master/ros.asc | sudo apt-key add -`
- `sudo apt update`
- `source /opt/ros/noetic/setup.bash`
- **roscore**
- `sudo apt install rviz`

a link of a video to install ros noetic for ubuntu 20.04

<https://www.youtube.com/watch?v=ZEfh7NxLMxA>