ROS Noetic Installation

1. Configured Ubuntu repositories to allow "restricted," "universe," and "multiverse."

2. Setup sources.list:

   sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu $(lsb_release -sc) main" > /etc/apt/sources.list.d/ros-latest.list'

3. Setting up keys:

   sudo apt install curl

   curl -s https://raw.githubusercontent.com/ros/rosdistro/master/ros.asc | sudo apt-key add –

4. Installation:

   sudo apt update

   sudo apt install ros-noetic-desktop-full

5. Environment Setup:

   source /opt/ros/noetic/setup.bash

Gazebo Installation

1. Install:
   curl -sSL http://get.gazebosim.org | sh

2. Run:
   gazebo