

# Installation

The full ROS guide can be found [here](#). **It is important you install ROS Jazzy Jalisco for AutoNav 2025. Always make sure the documentation pages you read say Jazzy on them.**

If you are only interested in ROS for use with SCR, then you can follow the abbreviated instructions below:

## Install Guide

Open a terminal (either in WSL or just a regular terminal if you're dual-booting) and run the following commands:

```
sudo apt install software-properties-common
sudo add-apt-repository universe
sudo apt update && sudo apt install curl -y
export ROS_APT_SOURCE_VERSION=$(curl -s https://api.github.com/repos/ros-infrastructure/ros-apt-source/releases/latest | grep -F "tag_name" | awk -F\" '{print $4}')
curl -L -o /tmp/ros2-apt-source.deb "https://github.com/ros-infrastructure/ros-apt-source/releases/download/${ROS_APT_SOURCE_VERSION}/ros2-apt-source_${ROS_APT_SOURCE_VERSION}.${/etc/os-release && echo $VERSION_CODENAME}_all.deb"
sudo dpkg -i /tmp/ros2-apt-source.deb
sudo apt update
sudo apt upgrade
sudo apt install ros-jazzy-ros-base
```

If you are dual booting you can install `ros-jazzy-desktop` instead for access to the graphical ROS tools.

## Sourcing

To use ROS commands, you will need to add the following line to your `~/.bashrc` file (if `.bashrc` doesn't exist you can make it):

```
source /opt/ros/jazzy/setup.bash
```

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