**MAVROS Installation**

Note: The source installation instructions are for the ROS Kinetic release. If you have another, just replace with the name of your version in the spaces wheres it’s written kinetic.

Source installation:

1. ROS Python tools:

sudo apt-get install python-catkin-tools python-rosinstall-generator -y

1. Create the workspace:

mkdir -p ~/catkin\_ws/src

cd ~/catkin\_ws

catkin init

wstool init src

1. Install MAVLink:

rosinstall\_generator --rosdistro kinetic mavlink | tee /tmp/mavros.rosinstall

1. Install MAVROS:

rosinstall\_generator --upstream mavros | tee -a /tmp/mavros.rosinstall

1. Create workspace & deps:

wstool merge -t src /tmp/mavros.rosinstall

wstool update -t src -j4

rosdep install --from-paths src --ignore-src -y

1. Install GeographicLib datasets:

sudo ./src/mavros/mavros/scripts/install\_geographiclib\_datasets.sh

1. Build source:

catkin build

1. source devel/setup.bash