To Publish and Run Graphic:

CTL+ALT+T (if you don’t have terminal open)

Type in Command Line: roslaunch razor\_imu\_9dof razor-pub-and-display.launch

To Publish Data Only:

CTL+ALT+T (if you don’t have terminal open)

Type in Command Line: roslaunch razor\_imu\_9dof razor-pub.launch

To View Published Data:

YOU MUST PUBLISH DATA FIRST AND KEEP PUBLISHING IN ORDER TO VIEW PUBLISHED DATA.

Open another terminal window - right click on the first terminal window and select “Open Terminal”

Type in Command Line: rostopic list

rostopic echo /imu

You should see a bunch of orientation data.

To Change node Files or “my\_razor.yaml” Files:

Type in Command Line: roscd

cd share/razor\_imu\_9dof/

For nodes: cd nodes

sudo vi imu\_node.py

For my\_razor.yaml: cd config

sudo vi my\_razor.yaml

ERRORS:

Arduino cannot find ttyUSB0:

CTL+ALT+T (if you don’t have terminal open)

Type in Command Line: ls -l /dev/ttyUSB0

sudo usermod -a -G dialout ros

sudo chmod a+rw /dev/ttyUSB0

Change USB number in node accordingly (Change node

You should be able to upload to arduino/IMU now.