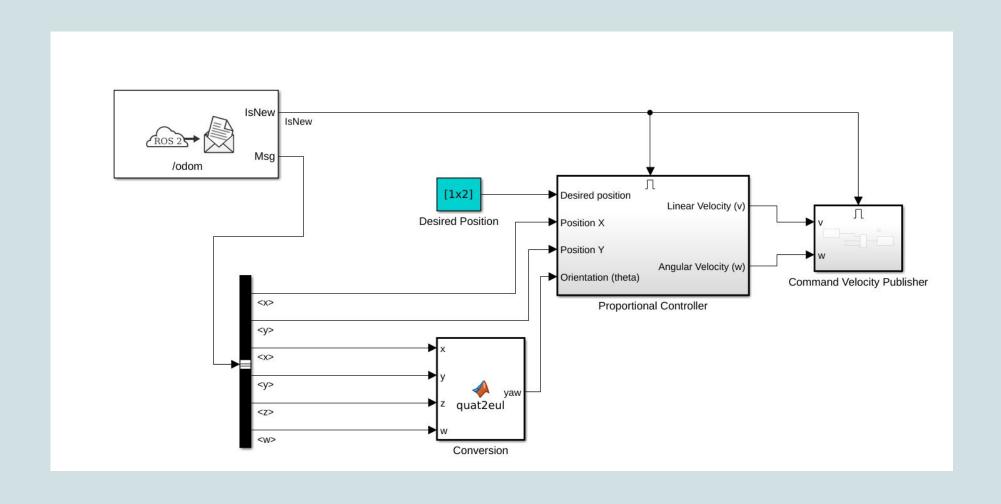
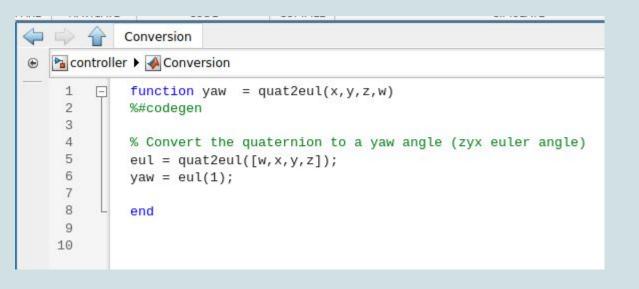
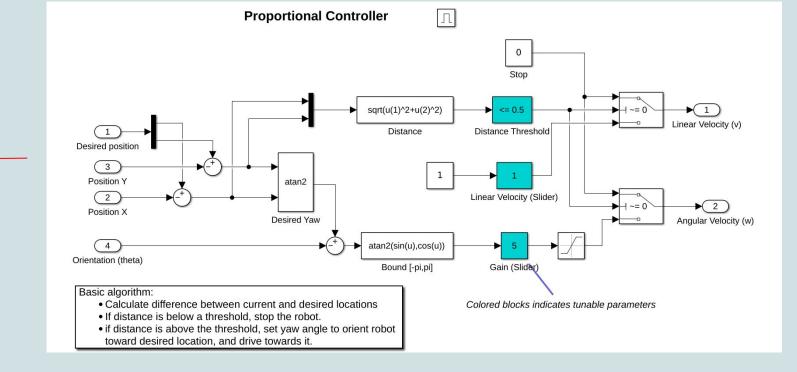
# Generating ROS node from Simulink Model:

#### Step 1: Draw your Control Designs in Simulink



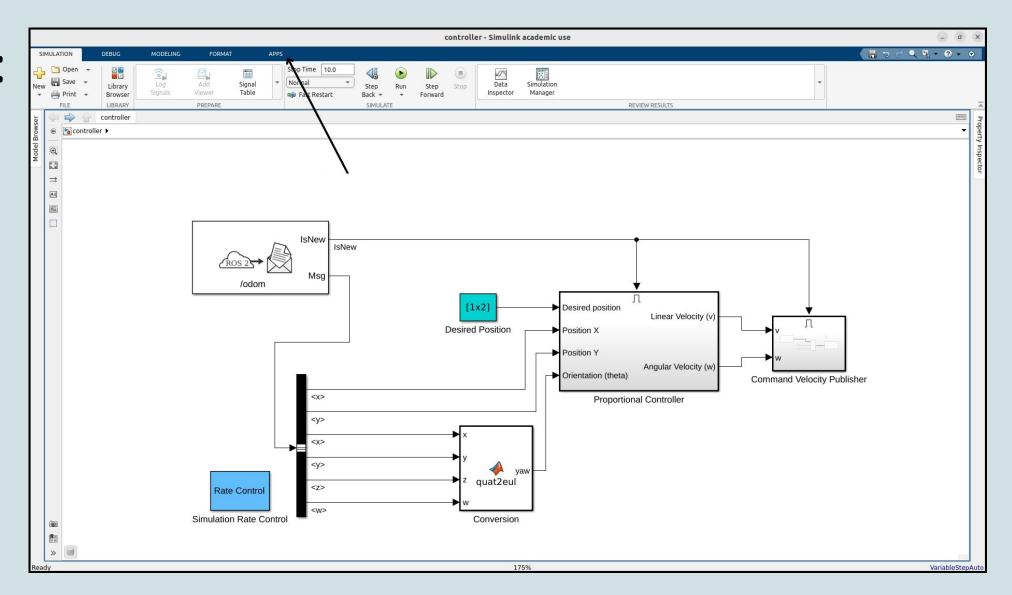


Quat2eul conversion



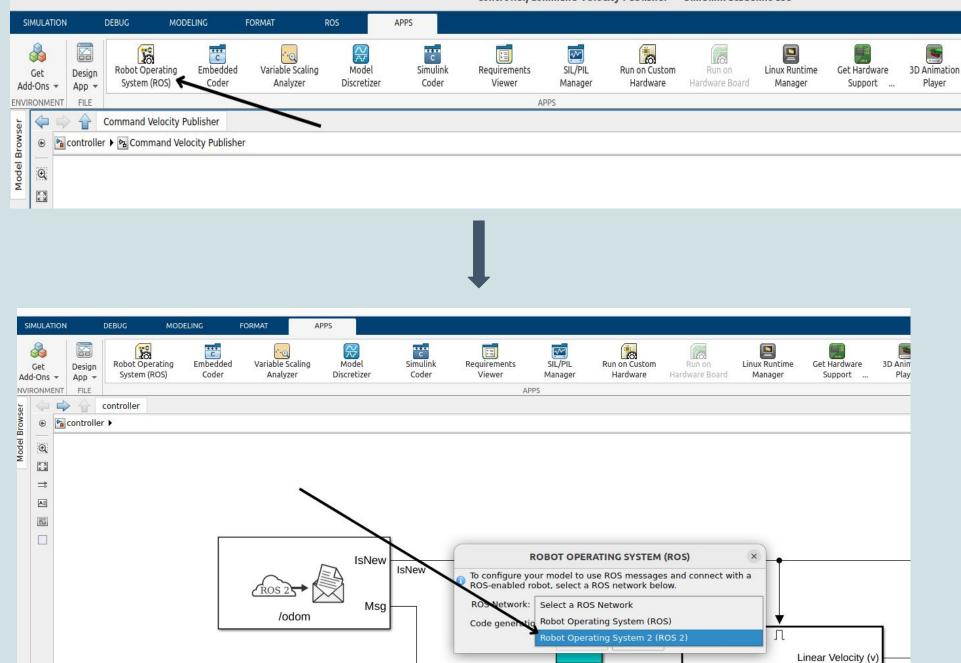
#### Proportional controller

# Step 2:

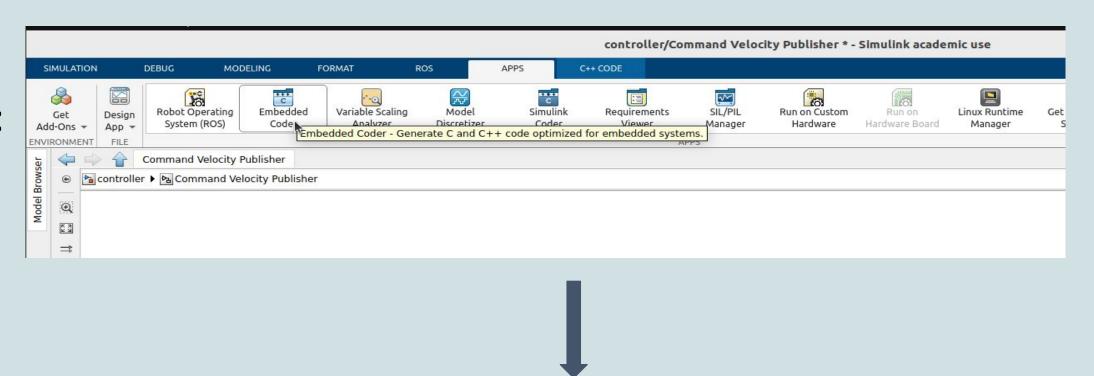


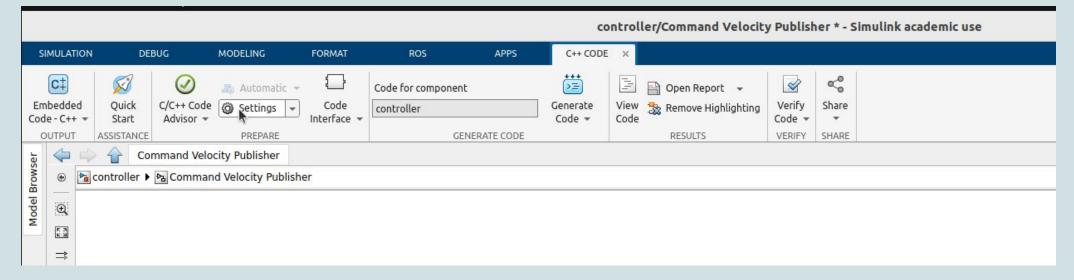
#### controller/command velocity rubusiner - simulink academic use

#### Step 3:

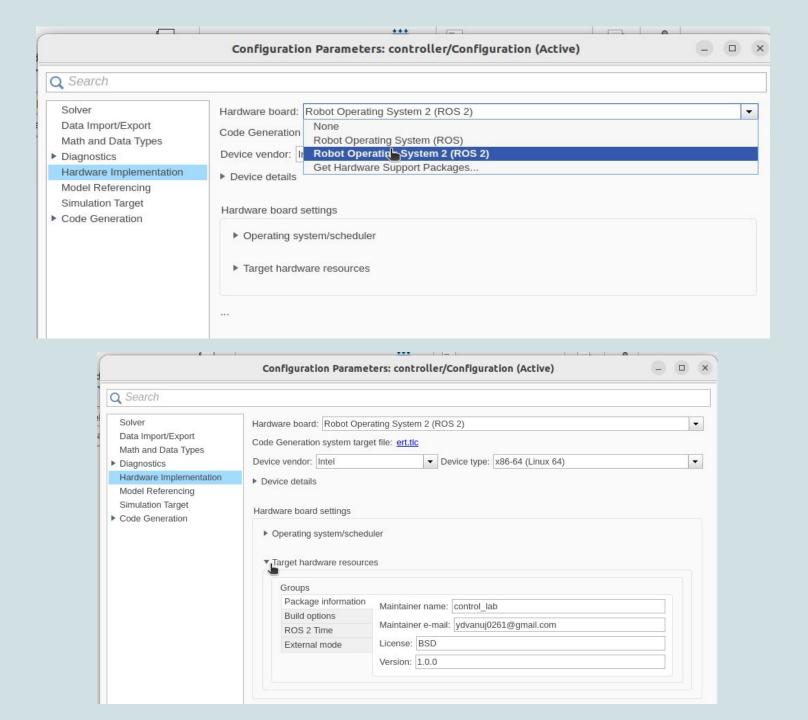


#### Step 4:

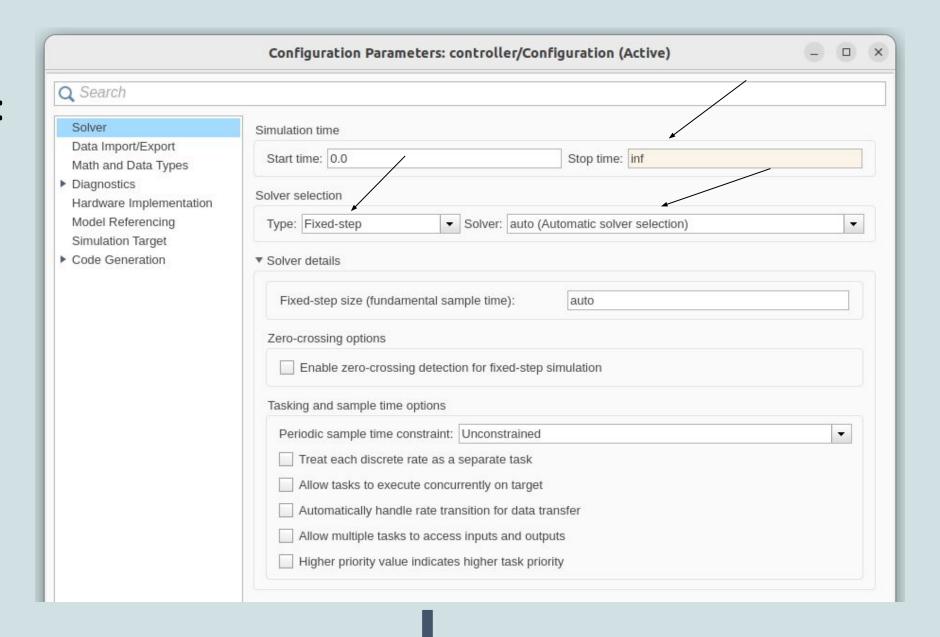


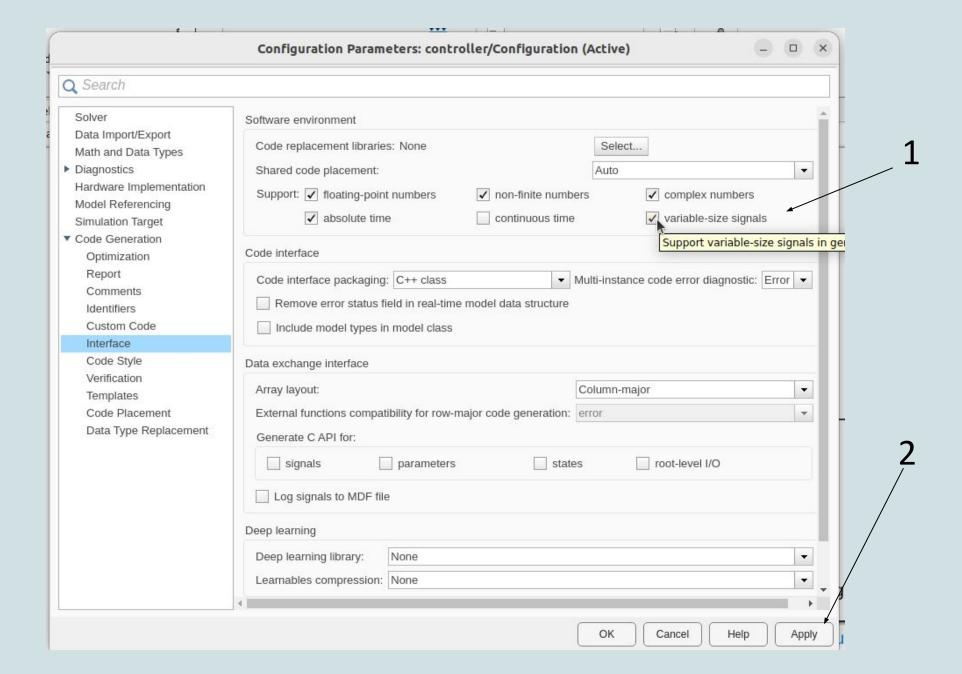


#### Step 5:

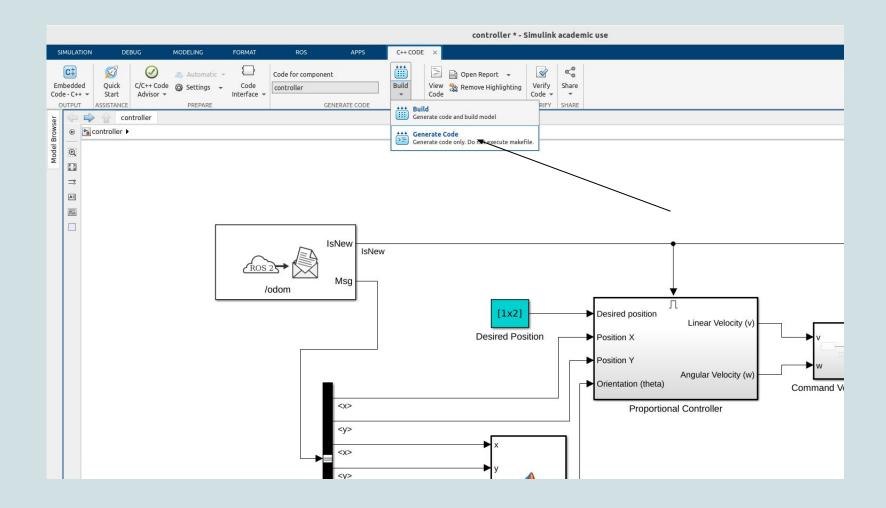


### Step 6:

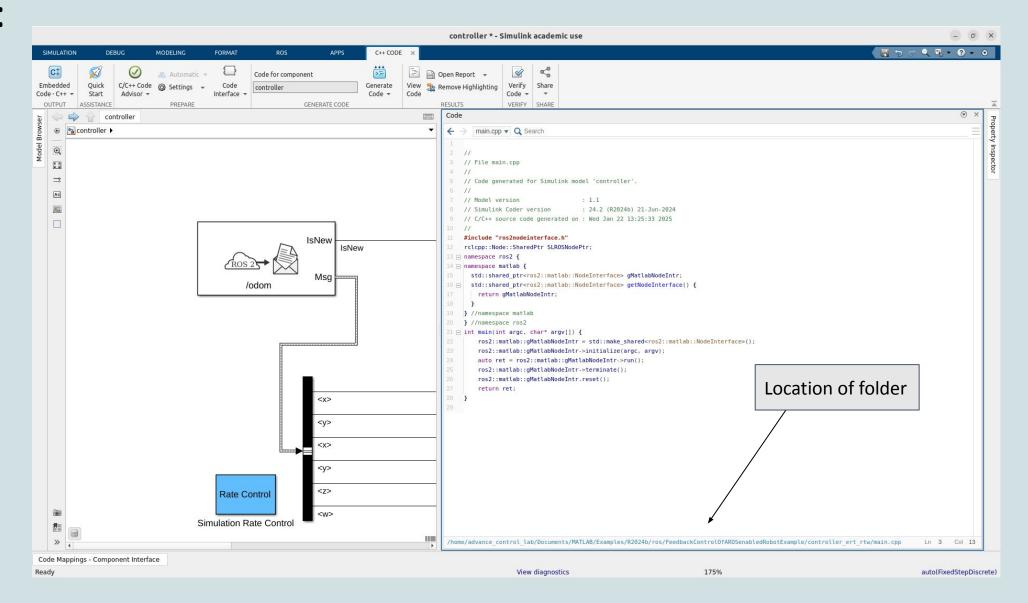




## Step 7:

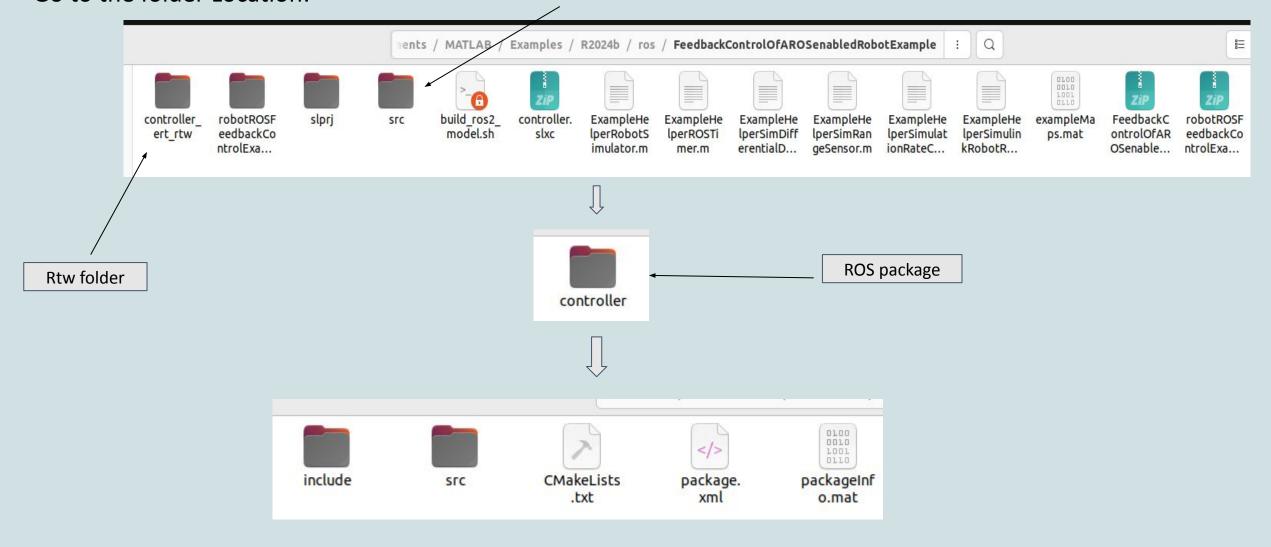


#### Step 8:



#### Go to the folder Location:

Click on src folder



## Step 9:

- Deploy ROS package into you workspace directory
- Build your Package
- Now run your ROS node into your ROS environment