Assignment 3 ROS

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**Running our code**

**This document assumes that ~/ros\_workspace/ is in your ROS\_PATH variable!**

Extract the zip into ~/ros\_workspace/

*Detect the package:*

rosdep update

(if needed, run rosdep init beforehand)

*Build the binary:*

cd ~/ros\_workspace/assignment3

rosmake

*Then launch the package:*

roslaunch assignment3 assignment3-rectangle.launch

*or*

roslaunch assignment3 assignment3-triangle.launch

# What to Submit

Your submission for this assignment will have two parts:

1. The source code, i.e. a zip file containing the package
2. A document which should:
   1. explain how everything works and include computation graphs,
   2. describe test scenario’s and how to launch them
   3. describe the results of your tests and include screendumps of trails in Stage.

*Send a goal command:*

rostopic pub …

*Result:*

<image of result>

**How it works**

The RQT graph looks as follow:

<explain choices made and why>

<explain how the code and whole program works>