Assignment 7 ROS

Rafal Grasman

**Manual**

The goal in this assignment is to learn Behavior Based Robotics.

To use the package:

1. Extract the package into your catkin workspace
2. Follow the preparation steps of Assignment7.docx
3. Follow <http://wiki.ros.org/catkin/Tutorials/using_a_workspace> to build the package
4. roslaunch assignment7 assignment7.launch

Then use in another terminal that also has access to the catkin workspace:

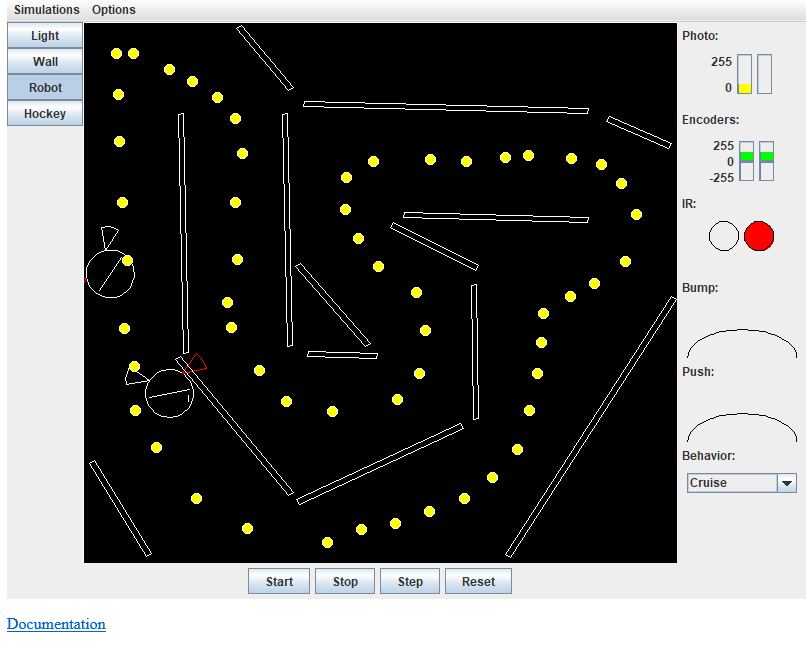
**…**

To <…>

**Documentation**

**1**

The basic behavior of a robot could be turning away from a wall as demonstrated in the simulator:



It is also possible to trigger different behaviors based on light and touch.

**2**

The files from mines-ros have been copied and used in assignment 7.

**2.1. Arbiter**