

User Guide

To prepare your environment you must :

- Print an ar-tag following instructions from here http://wiki.ros.org/ar_track_alvar
- Measure the size of one of the side of the ar-tag
- Stick the ar-tag on the object you want to manipulate
- Put the object on the working area with the ar-tag fully visible to the baxter
- Avoid as much as possible any sun illumination and if possible have a uniform light

To Run the program you must :

- Launch a terminal
- Go to your Ros Project Baxter Pick and Place directory : `"cd ../ros_ws"`
- Run baxter.sh : `"./baxter.sh"`
- Launch the program : `"roslaunch pick_and_place LearningScenarioARStereo.launch"` to learn to the program the desired situation relative to the ar-tag at the end of the visual servoing (follow the instructions in the terminal)
- Launch the program : `"roslaunch pick_and_place PickAndPlaceScenarioARStereo.launch"` to do the procedure of pick and place of the object (follow the instructions in the terminal)