

SRVC Meeting(15th July 2009)

- Sancho presented his laptop research, will finalized decision this week [Sancho and Dave to talk with Jim]
- Marius will look at the build system of ROS and migrate code [Marius]
- We should look at wrapping player into ROS and using this for our bot [Marius, I forgot if you going to look at this, or should someone here do that?]
- Check out the bumblebee camera ROS module and see if it works for us [Dave]
- Write readme for the ROBOT parts of the code, so that Marius knows what to move to ROS [Dave]
- Look at how to add the robot into Gazebo [Dave and Thomas]
- Investigate purchase of Gigabit switch or router, preferably with at least 8 ports [Up for grabs....]
 - I noticed that the PR2 hardware specs say this:
 - **Computation**
The system currently houses four full Intel Core 2 Duo computers and has a generic computer bay for upgrades and expansion. The robot has a 16-port gigabit Ethernet hub with a 32-gigabit backplane. All computers and some of the sensors communicate over this network. The robot also has an on-board MIMO router that can be bridged into a WLAN or used as an access point.
 - Marius, maybe you could find where they got that component?
- We will soon purchase a Hokuyo laser of some model which we plan to mount on a PTU and use for table-detection and integrate into map building. Dave is looking at this now, but if others are interested in collaborating on what laser to get and how to mount it, that would be great.