

Homework 1

Robotics Seminar
CSI445/660 – Spring 2009
University at Albany, SUNY
Due: 2/4/08 @ 4:15PM

Goal:

To ensure a successful install of Tekkotsu and practice making a simple behavior

Details:

Please do the following:

1. Install Tekkotsu, OPEN-R-SDK, Java, etc (optional)
2. Copy the Tekkotsu “project” to your development directory
3. make newstick
4. make install
5. Check for errors and fix them
6. Create a “hello world” type of behavior called “Behaviormemsticknumber.h” to output (to standard out) “Hello StudentNames!” when the behavior is started and “Bye StudentNames!” when the behavior is stopped. The behavior should also output button and status information on any button event generated
7. make install
8. Test your new behavior on the ERS-7 with the ControllerGUI
9. Email your .h file to mfergs7@gmail.com and nwebb@albany.edu with the subject “Memstick #: Homework 1” before the class starts.
10. Demo the behavior to Mike at the end of the class.

Hints and Reminders:

- Don't forget to mount and unmount the memstick
- You must telnet into the AIBO to see standard output.
- Remember to add your behavior to StartupBehavior_ModeSwitch.cc
- Comment and indent well.