

ME 333: Introduction to Mechatronics

Testing the TerminalV2 App

March 6, 2012

Download version 2.0 of the [homework assignment](#). You should take the following steps to make sure that the new Processing app, TerminalV2, works on your computer. You should type the commands in **blue** into the TerminalV2 input textbox.

| Steps you should take | Comments |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Load the PIC starter code onto your PIC | The Processing app will not work unless this code is running. |
| Enter list ports in TerminalV2 | Generates a list of serial ports on your computer. If the NU32_utility takes a while to list ports on your computer, so will this command. |
| Enter open port x in TerminalV2 | Replace “x” with the index number to the left of the serial port name. For example, Figure 2 of FinalProject.pdf has $x = 1$, because we want to open serial port <code>/dev/ttyUSB0</code> . The code has been updated so now open port 0 will work. |
| Press the reset button on the PIC | Did you open the correct serial port? A few of you opened the wrong port. If after hitting the reset button the PIC did not respond with “ Enter a command. ”, then you did not open the correct serial port. Go back to the first step and try again. You want to open up the same serial port you would normally open in ZTerm, Putty, or the NU32_utility. |
| Enter get version in TerminalV2 | Did you get a response similar to “ Author: My Name; Last Compiled: Mar 6 2012? ” Great, everything works! Try and walk through the sample session, pp. 6-7, by yourself in FinalProject.pdf. If it didn’t work you should contact a TA immediately. |