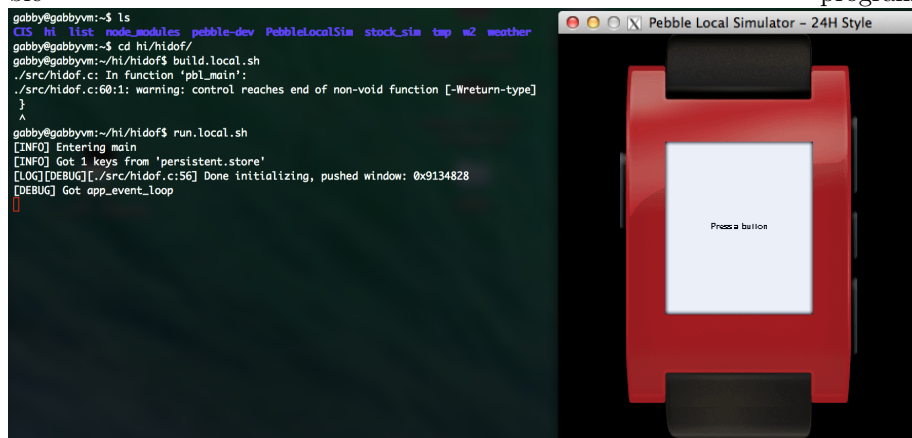# CIS 542 Lab 2 part 2

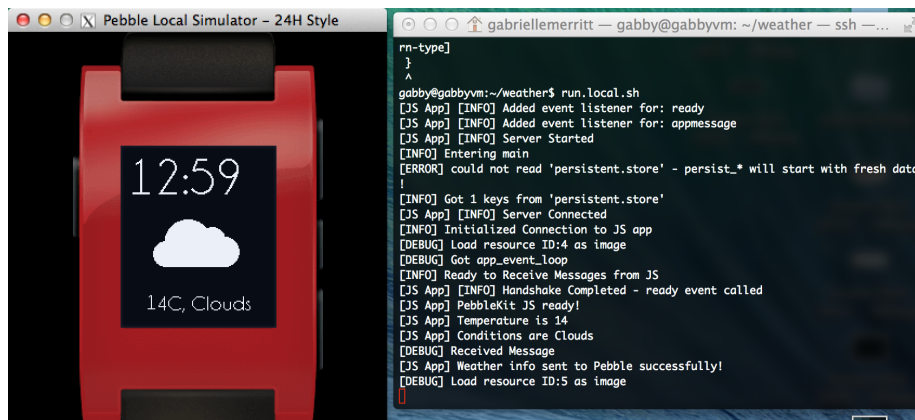Gabrielle Merritt

10/29/2014

1 Setting up Pebble

I downloaded the SDK, as well as the simulator and followed the instructions to set it up. I didn't have any issues making , building, or running the default pebble   program.

That being said occasionally I have to log out of my X11 session and log back on in order for the simulator to work without segfaulting randomly.

2 Weather App Demo

I had quite a bit of trouble getting the demo to run. After figuring out that I needed to download an updated version of node javascript, as well as update the binaries in my SDK, I was able to get the simulator to work for the weather app. The simulator still segfaults randomly, but logging out of my X11 session occasionally seemed to work. I modified the demo to include custom fonts as well as graphics   that   correspond   to   the   weather

3 Stock App

For the stock app I have the pebble requesting data from an open source stock api called Markit on Demand. When the watch first starts the app, it request stock from Apple and displays the current price as well as the change in price of the stock since the previous day. If the change in price is negative the app will display a white down arrow, if the change in price is positive it will display

a white up arrow. Clicking the select button on the watch will toggle the stock from Apple to Google.