Two folders are present with this document, the first is the mpfs2 and is the executable .jar that formats and shrinks the second folder, wifi\_g\_demo\_webpages. The mpfs2.jar is executed and points at the second folder with all the server files, the output is a single binary file that is placed in an accessible location to upload to the server over wifi. This is the jist of the project.

The server takes temperature readings from four sensors and serves those up through html, javascript, and xml. The temperature.xml within wifi\_g\_demo\_webpages folder is the location where the temperature nodes are dynamically upgraded from the server; However, currently, Im only attempting to update one into the Dygraphs graph. Once it works with the single variable adding the other three is trivial. These values can be written to the index.html, but the first challenge is to force one into the dynamically updated dygraphs’ javascript. The index file has a graph, Dygraphs javascript, that is dynamically updated with an updated variable called var y. The problem I have been having is transforming the working dynamically updated html from the server to the xml to the index.htm to work with the server to the xml to var y.

This set of files can be viewed within a web browser to show you the current set up by opening the index.html in your favorite web browser, I use firefox. Here there are several components that can not be updated without the working server, hardware which I will send your way once we have an agreement. The var y is being updated with an accumulation of one and can be seen with these files.

Once the Dygraphs are updated with the four dynamically changing temperatures we can discuss taking the dynamically updated temperatures into a Google cloud storage. The data would then be available for cloud computing and would eliminate the need to use the Dygraph javascript, as all data would be uploaded and viewable on the cloud.