

CSCI 4448 Project Part 3

Michael Brandt
Dominic Fuller-Rowell
Waverly Hinton

Progress:

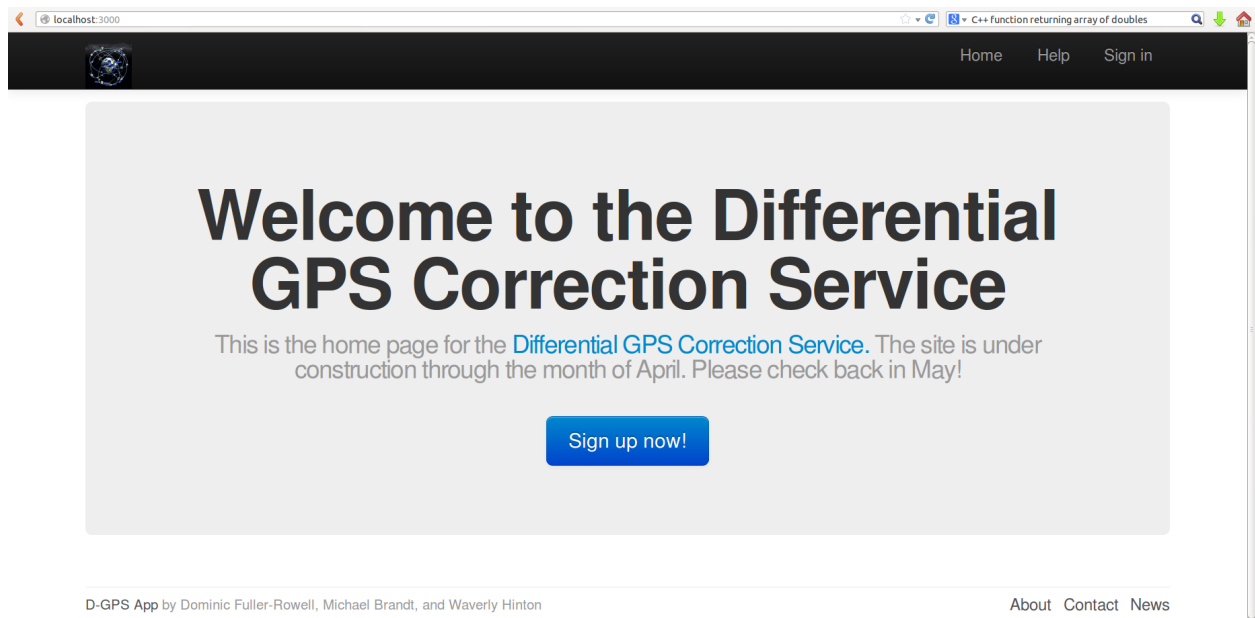
- Created android mobile application to log relevant GPS data into CSVs as input to our OO C++ library. (**Dominic**)
- Created a set of CSV input files by running the android mobile app for a number of 1 hour periods. (**Dominic**)
- Linked Pivotal Tracker stories and Github via the Github service hook (**Michael/Waverly/Dominic**)
 - Github repo: <https://github.com/michaeljb/gps-post-processor>
- Compiled GPS Toolkit core library (**Waverly/Dominic/Michael**)
- Linked example code to GPS Toolkit core library via Makefile. (**Michael**)
- Created directory structure for config files, client data, RINEX files, GPS Toolkit, and our OO GPS Toolkit extension library. (**Waverly**)
- Completed ClientGPSData class (**Michael**)
- Completed the parseCSV() function in the CSVHandler class (**Dominic**)
- Wrote Makefile to link our library to existing GPS Toolkit src code. (**Michael**)
- Started creating Rails webapp for distributing the public service. (**Dominic**)

Plans for Next Iteration:

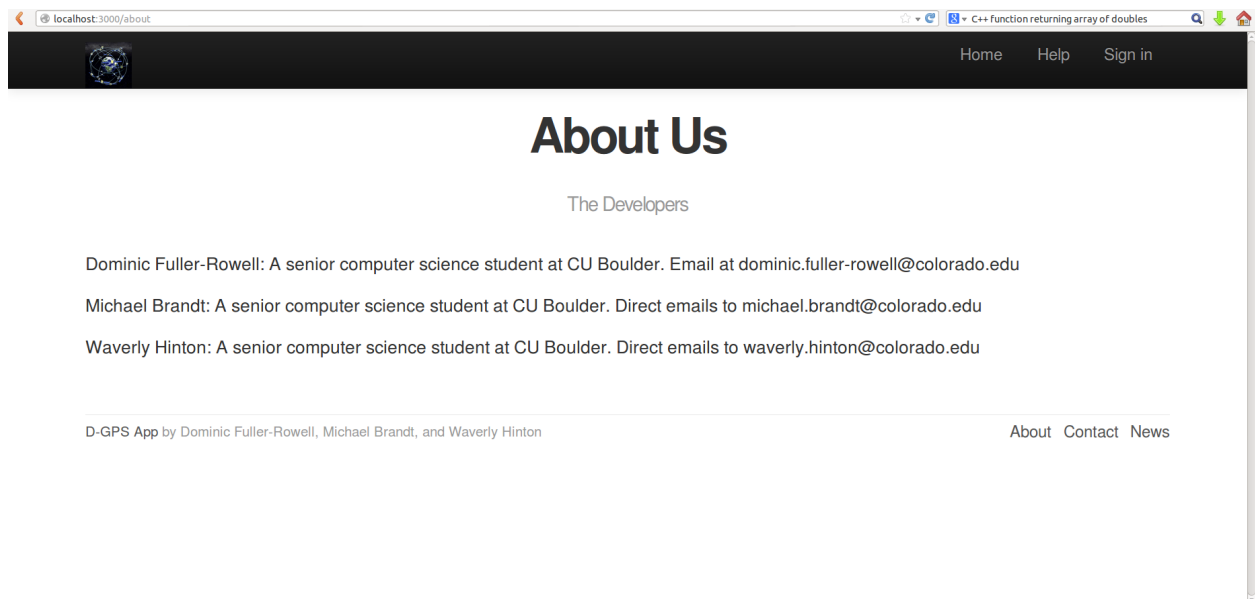
- Now that we have a set of CSV input files from the android app, compiled the existing GPSTk library, and linked it with our own (via Makefile), we can continue writing our library. Essentially, we will implement all the class methods from the class diagram that we haven't already completed.
- Create unit tests for a variety of functionality and input files to ensure consistent results.
- Implement the rest of the design, updating the main UML diagram as the design changes

Screenshots:

Home page:



About Us page:



Class Diagram of current progress

