

Assignment 2: RESTful API Changes

Testing –

Drastically changed testing, implementing a full range of unit testing to implementation testing.

Make –

In order to streamline testing and compiling, a Makefile was implemented to individually run tests.

Implementation –

File detailing basic implementation details and compiling instructions was added.

Functionality –

- Changed the way server starts up; it now reads/writes the appropriate data to a file, hence becoming fault tolerant.
- Changed data expiry, now data expires after thirty seconds (unless new data replaces it), and is expunged both from the hash map, and the data file.
- Changed arguments, now code correctly handles ports/addresses/station IDs by reading them from the command line.
- Changed maximum storage capacity, now primary hash map can, at maximum, store 20 entries before replacing the oldest entry.