

Mitchell -

In order to run unit tests, change "RUN\_UNIT\_TESTS" in app/eic/client/src/config.json to "true"  
Then run ./build.sh (under app/)

Upon opening the application at localhost:3000 after the build (if it was built w/ BASE\_URL as `localhost:3000`) there will be an alert box stating whether the unit tests (registered in app/eic/client/src/testing/driver.js) passed or failed. If a test failed, the alert will specify which test the failure occurred during.

The three unit tests I implemented are the following:

- A test covering updating profile information (an action)
- A test covering receiving info for a connection card (in a store)
- A test covering displaying names in an Info Box component on the DOM (a component)

I wrote these tests in order to cover the three stages of the Flux flow (actions, stores, components,) which can be considered separate equivalence classes. Most other front-end unit tests that would be implemented in the future would be in one of these three equivalence classes.

In order to run unit tests for the backend go to the file directory app/eic/react-backend/ and run 'npm test'.

Upon running the application in the console it will indicate whether or not the unit test has passed or succeed. It specifies which tests have failed during testing and which passed.

The five unit tests that I have implemented are:

- A test covering getting buddy information by email
- A test covering creating a new contract
- A test covering creating a new company user
- A test covering getting student information by email
- A test covering editing buddy information

I wrote these tests in order to cover the equivalence classes controllers, and storing. Most other back-end unit tests would be implemented by one of these equivalence classes.