

This week has been focused on testing and creating regression tests. For the visual language, I have been focusing my tests around the output of the system, so the generated java code. Because its focused around the output, I am using a black-box style of testing. For the testing environment, I am using QUnit to execute our tests. This gives a simple, quick and easy to use environment for testing, and displays results in an easy to understand way.

Currently I am testing the output of each individual block and the default bot that we display to the user. This covers the basic needs of our visual languageto make sure it is outputting compilable bots.

To execute these tests, you only need to open 'tests.html,' located within the tests folder of the blockly library. This will execute the tests and display the results all within the page.