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Software Development

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Test Class

I created my Test classes using the tutorial from the modules for setting up Junit testing in IntelliJ. After adding the dependencies for Junit, it’s pretty easy. Just Navigate to the desired class, use the keyboard shortcut ALT + Insert, and select the test class you want to generate. I took an extra step of creating a test folder in the SRC directory and setting it up as a test folder in File > Project Structure so I can keep my application somewhat organized. I created 3 test classes, ProjectFileReaderTest, WordCountApplicaitonTest and WordCountcontrollerTest.

My first Test class ProjectFileReaderTest will run through my ProjectFileReader source file and test that the public Function that returns a String called WordCounter is properly returning the expected string results we want.

My second test class WordCounterApplicaitonTest can’t really test a lot because it’s based on the file WordCounterApplication which is basically just applying hard coded parameters of visual aspects of the application, but to assure the file exists and is working, I have created a getter to return some test data.

My third test class WordCounterControllerTest test the class WordCounterController. WordCounterController is a class that handles that gui actions taken when input is applied. Similarly I was not able to test the functionality with a test class so I have it testing getter data.