

Our test specification template shows what goes in each of the rows of a test case. Only the desired value is present in each row.

#### Glucosio Testing Framework Test Case Specification Template

- TestID - An identifier for the test.
- Requirement - A description of the method being tested, as well as the condition being tested.
- Component - A class within the application being tested.
- Method - A method within the component being tested.
- Specified Driver - The name of the Java driver required to run the test (no file extension).
- Test Input - This will include the parameters necessary to test the specified requirement.
- Expected Outcome - This will specify the output which would be returned if the method executed as expected.

We developed a total of twenty-five test cases. For each method chosen for testing, we developed a driver. Each driver corresponds to a single method from some class within Glucosio's "tools" package.

When a driver is executed, it parses the available arguments and sets up what it needs to in order to run said method. The output from the method is collected, then given back to the Bash script via standard output.