

Riki Tours Tests Documentation.

Summary

The following document contains the structure of tests created as part of the Riki Tours project conducted for Technical Programming.

The basic structures of the tests are:

For each domain package in the main folder along with all of its classes are found in the test folder. The classes have the same name as they do in the main folder except to the addition of the "Test" suffix at the end. For example a domain class called "Customer" in the customer package will be found in the Test folder under the customer package and will be name as "CustomerTest".

This structure is applied throughout the project to make it easier to track the domain class itself as well as its test properties.

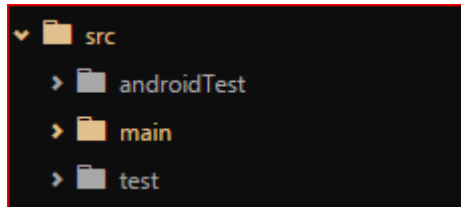
Each test is conducted in manner to check whether the code is outputting the correct data and its behaviour if the data entered is incorrectly.

First, is the creation of an object of the class being tested (if any). Then the object is tested by using assert statement or any other method available to test the validity of the output against the value provided.

The tests are run and if executed accordingly are marked as passed. Any bug in the code, if found is then fixed and retested until complete success is achieved.

Tests in the project were conducted in the respective folders which are generated by the IDE itself once the project is created.

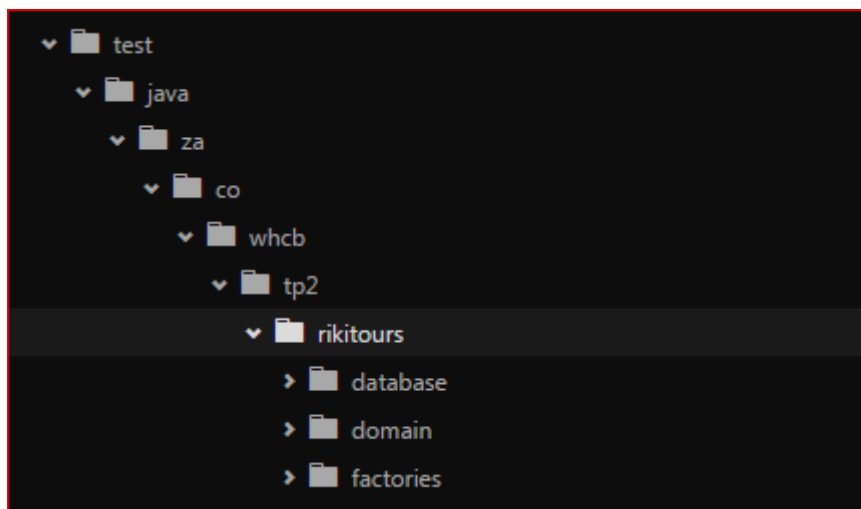
These two folders are namely:



- Test
- Android Test.

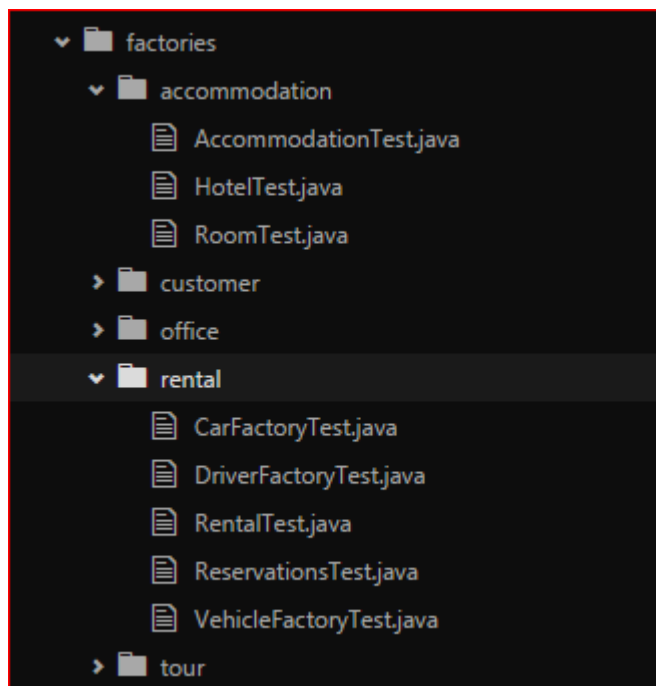
Test Folder Content

The test folder contains all tests done for basic domain classes in which the creation the tests of classes objects are tested. This consist of the following folders:

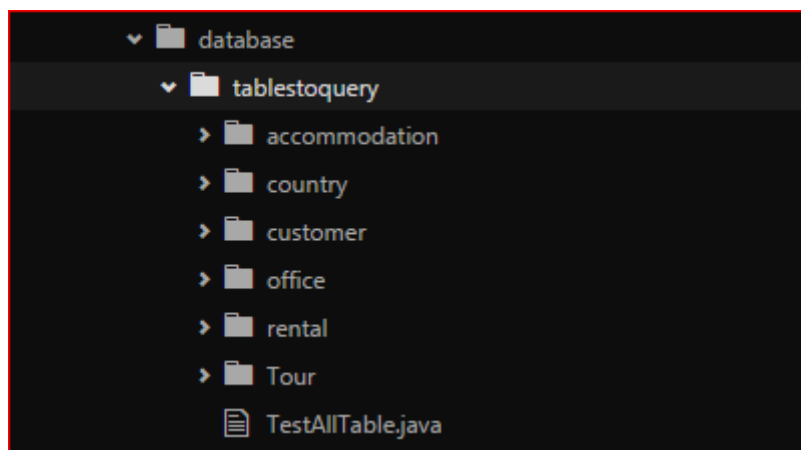


- Factories Tests
- Domain Tests(optional)
- Database Tests (tests of table's names and attributes).

➤ Factories Testing



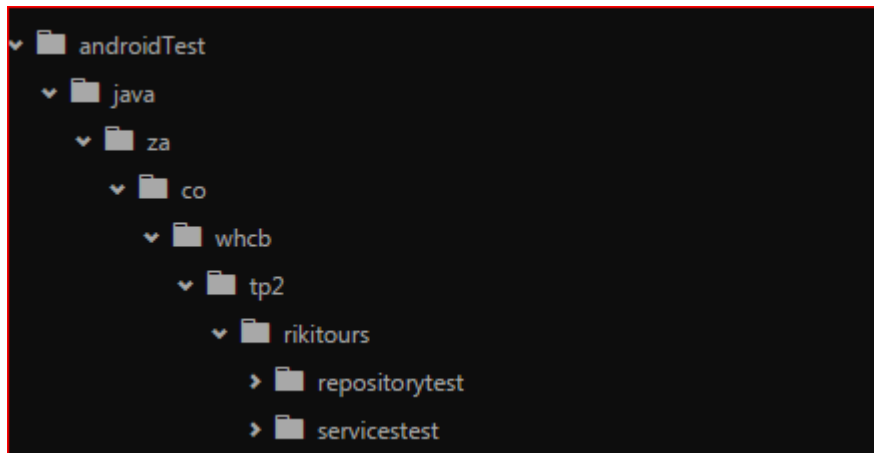
➤ Database Testing



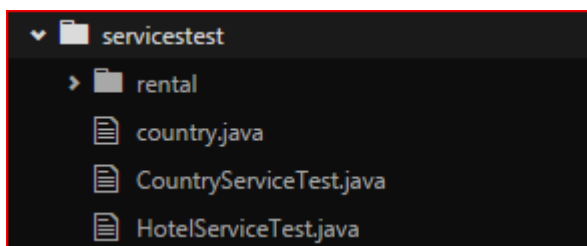
Android Test Folder Content

The Android folder contains the tests that were done which require the use of the android framework. Such as databases queries test, view tests as well as API Calls etc.

The androidTest Folder consists of these folders:



➤ Services test



➤ Repository Testing

