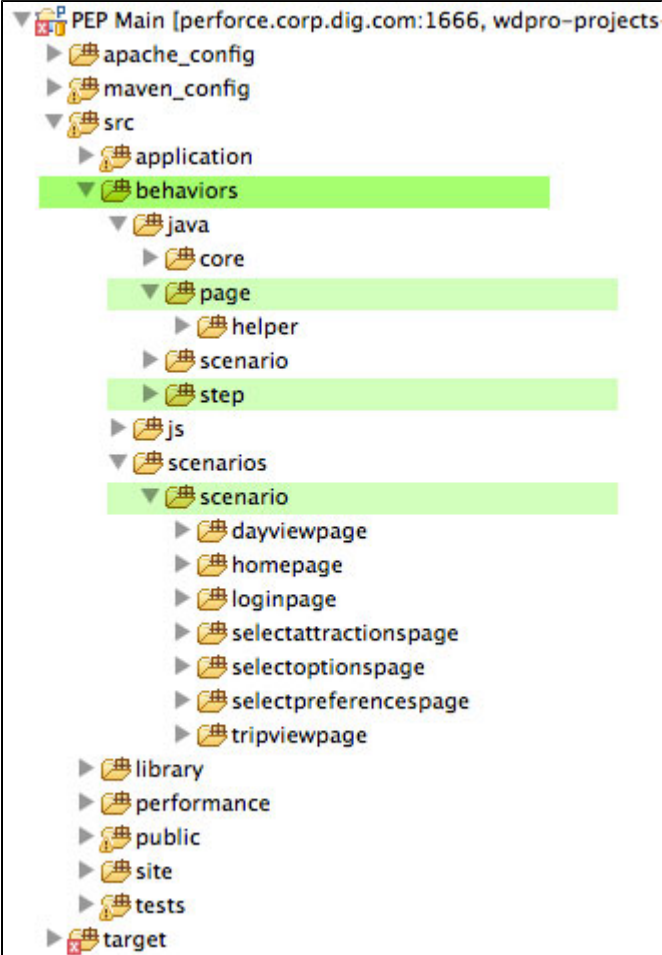


# The Structure of Functional Tests in LAMP Applications

## The Directories



### src/behaviors

All of our functional test pieces lie within the **behaviors** directory in src.

Within behaviors we have the **java** directory and the **scenarios** directory.

The scenarios directory contains .scenario files which are composed of a series of steps to test and the user data to test with.

The java directory contains the code which performs these tests.

Within the java directory you'll find three main types of files:

- step files
- scenario files - 2 types: a Java file and a .scenario file which contains steps of a **User Story** to test
- page files

Step files contain methods which convert the English statements in scenarios into code.

Page files create objects to represent the different pages of our site.

Scenario java files complement and reference the .scenario files located outside of the java directory.

You'll likely need to create one of each file when beginning to create a new functional test.

Unit 2 will dive into the process of creating and setting up each type of file. |

## Two Types of Functional Tests

### Testing the Flow

Some functional tests are designed to test that a user can move fluidly through several pages of the site (such as the flow of dine reservation selection). These type of tests will typically strictly test each page along the flow; this differs from the second type of test below which often bypasses certain pages in the flow in order to test more specific content on one page.

### Testing the Feature

This second type of test (the more common type) tests for individual functionality in great detail on one particular page. It will check that certain text is present, certain buttons are enabled or disabled, and that certain mouse actions do as they are supposed to. Often, the test will navigate directly to the page in question after login rather than getting there via the full flow (as tested in the previous test category).