

1. Selenium IDE

Selenium IDE

Selenium IDE is an integrated development environment for Selenium scripts. It is implemented as a Firefox extension and allows us to record, edit and debug tests. It provides the possibility to record and play back tests in the actual environment.

Reference

For more examples on how it can be used, can access: http://docs.seleniumhq.org/docs/02_selenium_ide.jsp

Recording tests

In order to record tests, the following can be taken into account

- Open selenium IDE
- Go to File->New Test Suite
- Click the Recording red button in the right hand side
- Open Firefox, enter the desired url for test and start recording
- After the test has been recorded, click Recording button to stop recording
- Go to Options->Format and select a desired format in which you want to see the recorded tests
- For example, for Java / Junit4 / Webdriver the following code were recorded for <http://google.com> main site:

Playback tests

Once a test was recorded (previous section) that it can be simply run.

Given the above test, in order to run it we need to switch the Option -> Format to be HTML and afterwards select the "Play current test case" button.

After, and during, the test is running, you can see in the Log section the steps that are being made like: open page, click on an element, verify text etc.

Also, in Firefox the recorded test is being run step by step.

In the left side there is a results section with Runs and Failures where you can see If the text was run with success or not.

In the same way, you can run multiple recorder tests by selecting "play entire test suite" button. The tests will be run in the specified order.

Modify recorded tests

If we want to change the current recorded test values, parameters or selenese commands, we can edit the generated script or we can access the "Table" tab instead of "Source" tab.

Here we can simply select and edit new values, targets or commands.

This can be done by selecting the row that we are interested in, and modify in the form bellow the necessary data.