

GoogleForHadrian

The purpose of the testing is to perform search for a particular text “Because hackers know hackers best” in google and see if the Hadrian corporate site (<https://hadrian.io>) is found among the result on first page and in first 10 pages.

The project includes 2 automated CUCUMBER test cases in feature file (src/test/resources/features/SearchPhraselnGoogle.feature), each step of the test cases are linked to appropriate step definition (src/test/java/stepdefs/MyStepdefs.java)

After executing the tests Serenity report will be generated

Configuration

Install Java v17

Selenium webdriver

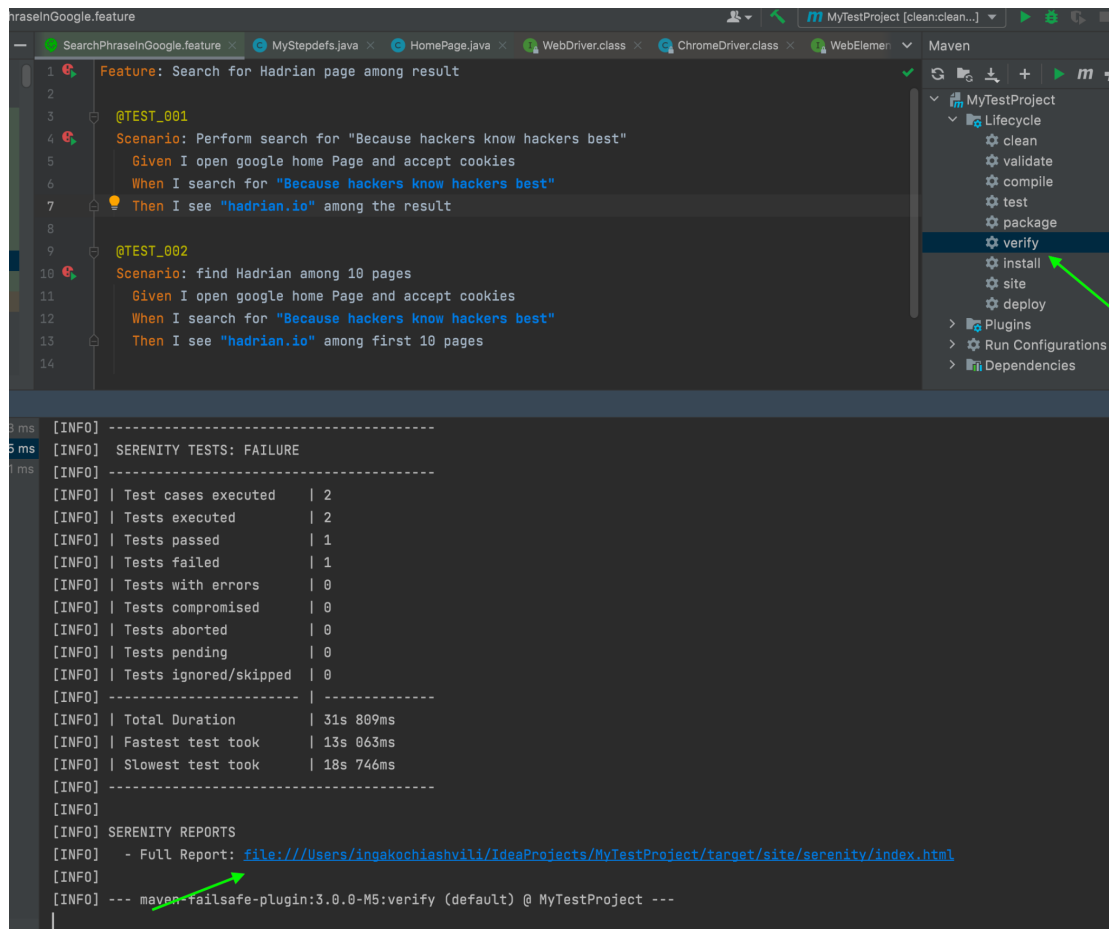
Activate Maven plugin

Download the project “GoogleForHadrian” folder from GitHub, ensure that Pom.xml exists among the downloaded files. The pom.xml includes all needed dependencies and plugins with compatible versions.

Open the project in your IDE -> Expand Maven -> Before running the project perform Clean (from the Maven section) -> Perform Verify to run tests.

After finishing the test executions view the result in the output.

Click on Serenity report link (in the output) to see the full report of test execution.



The screenshot shows an IDE with a Cucumber feature file open. The feature file contains two test scenarios. The first scenario, @TEST_001, is titled 'Search for Hadrian page among result' and includes steps for opening Google, searching for 'Because hackers know hackers best', and verifying that 'hadrian.io' is in the results. The second scenario, @TEST_002, is titled 'find Hadrian among 10 pages' and includes similar steps. On the right, the Maven lifecycle is expanded, showing options like clean, validate, compile, test, package, verify, install, site, and deploy. A green arrow points to the 'verify' option. At the bottom, the output console shows the results of the Maven verify goal, indicating a failure. The console output includes a summary of test results and a link to the Serenity report.

```
[INFO] -----  
[INFO] SERENITY TESTS: FAILURE  
[INFO] -----  
[INFO] | Test cases executed | 2  
[INFO] | Tests executed | 2  
[INFO] | Tests passed | 1  
[INFO] | Tests failed | 1  
[INFO] | Tests with errors | 0  
[INFO] | Tests compromised | 0  
[INFO] | Tests aborted | 0  
[INFO] | Tests pending | 0  
[INFO] | Tests ignored/skipped | 0  
[INFO] -----  
[INFO] | Total Duration | 31s 809ms  
[INFO] | Fastest test took | 13s 063ms  
[INFO] | Slowest test took | 18s 746ms  
[INFO] -----  
[INFO] SERENITY REPORTS  
[INFO] - Full Report: file:///Users/ingakochiashvili/IdeaProjects/MyTestProject/target/site/serenity/index.html  
[INFO] --- maven-failsafe-plugin:3.0.0-M5:verify (default) @ MyTestProject ---
```

