

A. Running maven cucumber java

1. Maven cucumber selenium java project setup

- 1.1. Create a sample maven project with the structure posted above.

2. Executing the maven cucumber java tests as JUnit

- 2.1. Right click the runner file run as JUnit test

This executes the tests kept in the runner and results are generated in target folder.

3. Debugging the code

- 3.1. Keep break points in the code.

Right click the runner debug as JUnit test

This switches the IDE in debug mode and we can debug, add checkpoints to complete the test flow.

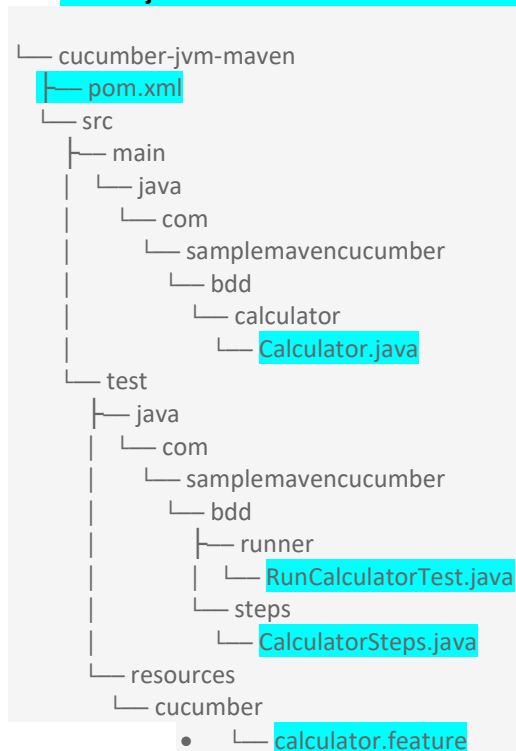
4. Executing the maven cucumber selenium java tests as maven build

- 4.1. mvn clean test

This runs the project as a maven build and once BUILD SUCCESS, executes the tests, completes the browser session and prints test result board.

5. Right click tetng.xml perform debug action

B. Project Structure Maven Cucumber Java JVM



C. Executing maven cucumber test and generation of report

`$ mvn clean test`

[INFO] Scanning for projects...

[INFO]

[INFO] -----

[INFO] Building cucumber-jvm-maven 1.0-SNAPSHOT

```
[INFO] -----
[INFO]
[INFO] --- maven-clean-plugin:2.3:clean (default-clean) @ cucumber-jvm-maven ---
[INFO]
[INFO] --- maven-resources-plugin:2.3:resources (default-resources) @ cucumber-jvm-maven ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform
dependent!
[INFO] skip non existing resourceDirectory /home/jakub/development/blog/cucumber-jvm-
maven/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ cucumber-jvm-maven ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-resources-plugin:2.3:testResources (default-testResources) @ cucumber-jvm-maven ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform
dependent!
[INFO] Copying 1 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ cucumber-jvm-maven ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to /home/jakub/development/blog/cucumber-jvm-maven/target/test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.10:test (default-test) @ cucumber-jvm-maven ---
[INFO] Surefire report directory: /home/jakub/development/blog/cucumber-jvm-maven/target/surefire-
reports
```

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[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 20.603s
[INFO] Finished at: Sun Jul 20 23:22:04 BST 2014
[INFO] Final Memory: 12M/211M
[INFO] -----
```

TESTS

Running com.czezotka.bdd.runner.RunCalculatorTest

Feature: Calculator

As a user

I want to use a calculator

So that I don't need to calculate myself

Scenario: Add two numbers ←[90m# cucumber/calculator.feature:6←[0m

←[32mGiven ←[0m←[32mI have a calculator←[0m ←[90m# CalculatorSteps.i_have_a_calculator()←[0m

←[32mWhen ←[0m←[32mI add ←[0m←[32m←[1m2←[0m←[32m and ←[0m←[32m←[1m3←[0m

←[90m# CalculatorSteps.i_add_and(int,int)←[0m

←[32mThen ←[0m←[32mthe result should be ←[0m←[32m←[1m5←[0m ←[90m#

CalculatorSteps.the_result_should_be(int)←[0m

1 Scenarios (←[32m1 passed←[0m)

3 Steps (←[32m3 passed←[0m)

0m0.226s

Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.092 sec