INSTRUCTIONS

JUnit and IDEs

Purpose

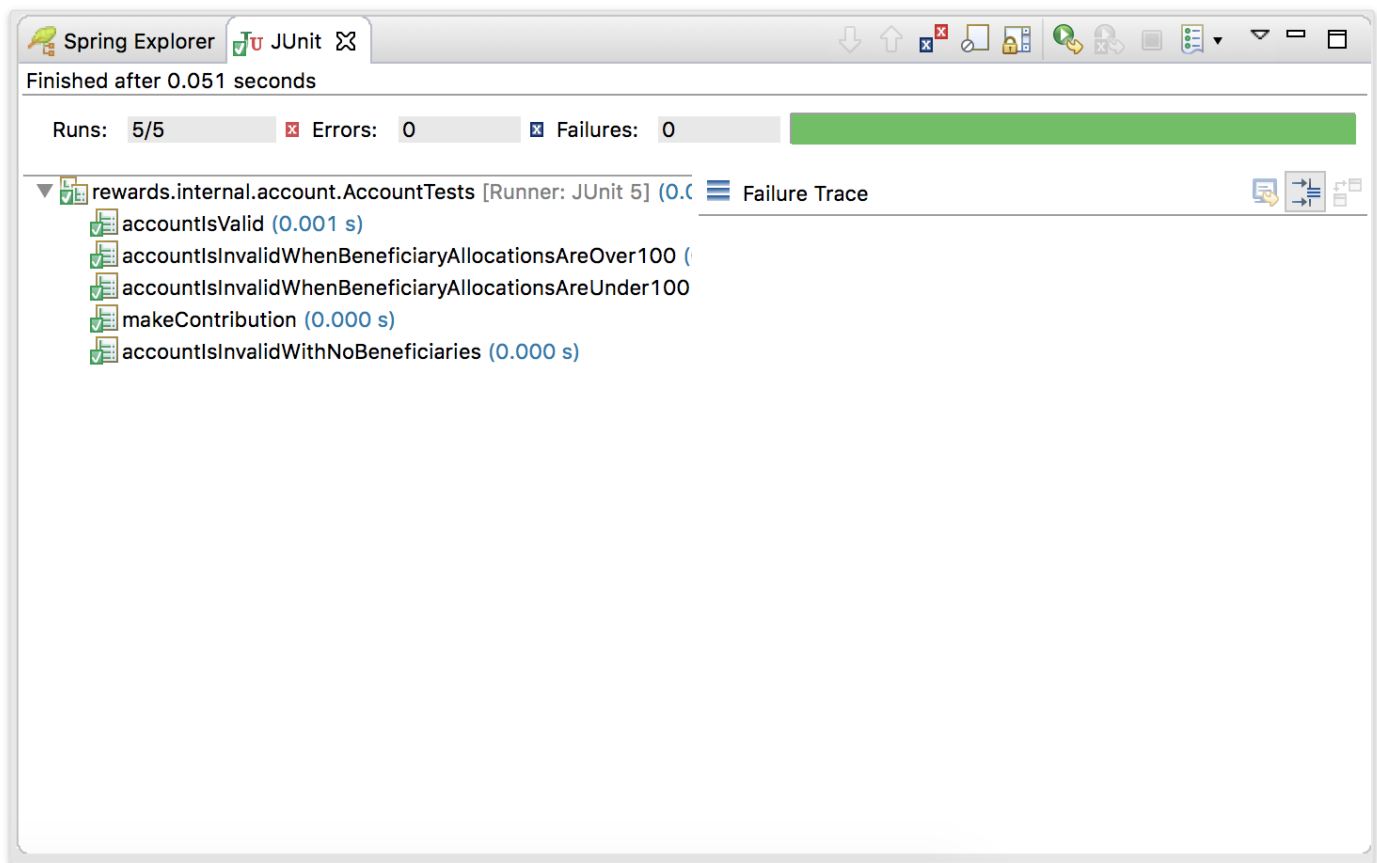This appendix will demonstrate IDE features for JUnit test support in STS/Eclipse and IntelliJ IDEA.

Run a JUnit Test from IDE

STS or Eclipse

From the test class editor, or when selecting the test class in the project tree view, you may use either of the following:

- Right-click on the test class name, select *Run As >> JUnit Test*.

- Use keyboard shortcut `Opt-Cmd-X,T` on Mac OSX, or `Alt+Shift+X,T` on Linux or Windows.

Eclipse will render visual tool window showing the status of your test execution. You may exand the test case node for details:
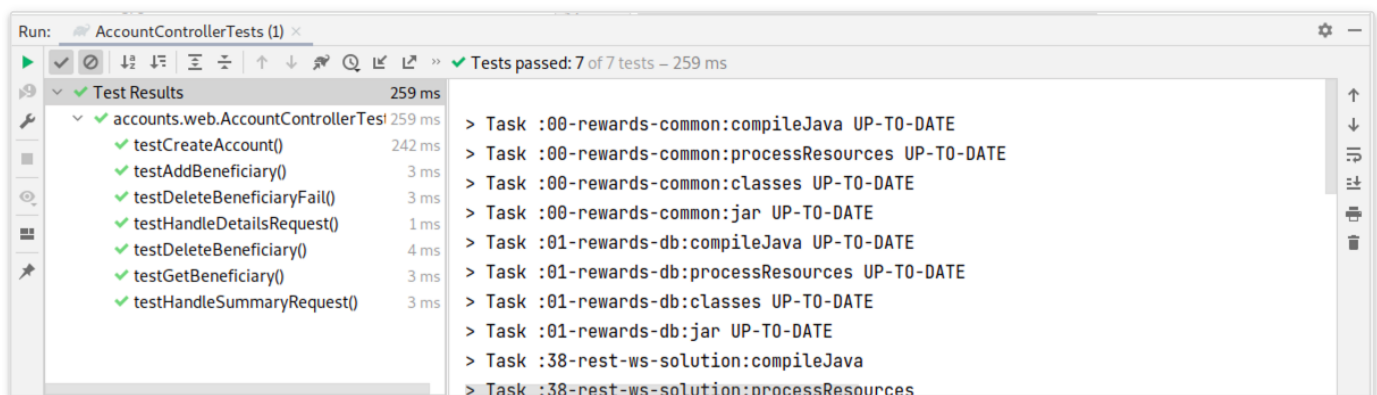
IDEA IntelliJ

From the test class editor, or when selecting the test class in the project tree view, you may use either of the following:

- Right-click on the test class name, select *Run <TestName>.

- Use keyboard shortcut `Ctrl-Shift-R` on Mac OSX, or `Ctrl+Shift+R` on Linux or Windows.

IntelliJ will render visual tool window showing the status of your test execution:

Generate a Test from your IDE

If you want to generate your junit tests from existing production classes, both STS (Eclipse) and IntelliJ support the test class generation.

STS (or Eclipse)

- Right click on the class under test in the tree view.

- Select *New >> JUnit Test Case* menu option.

- Follow the dialogs to:

  - Select a boiler plate for any of the method stubs.
  - Select a list ofmethods from the class user test that you may want to build tests for.

- Keep in mind you must implement the production code to make the tests pass.

IntelliJ

Check out Intellij Create Tests article.