Testing using SoapUI / ReadyAPI

Overview

In this tutorial, we will use some tests specified in SoapUI / ReadyAPI, which supports out-of-the-box JUnit reports.
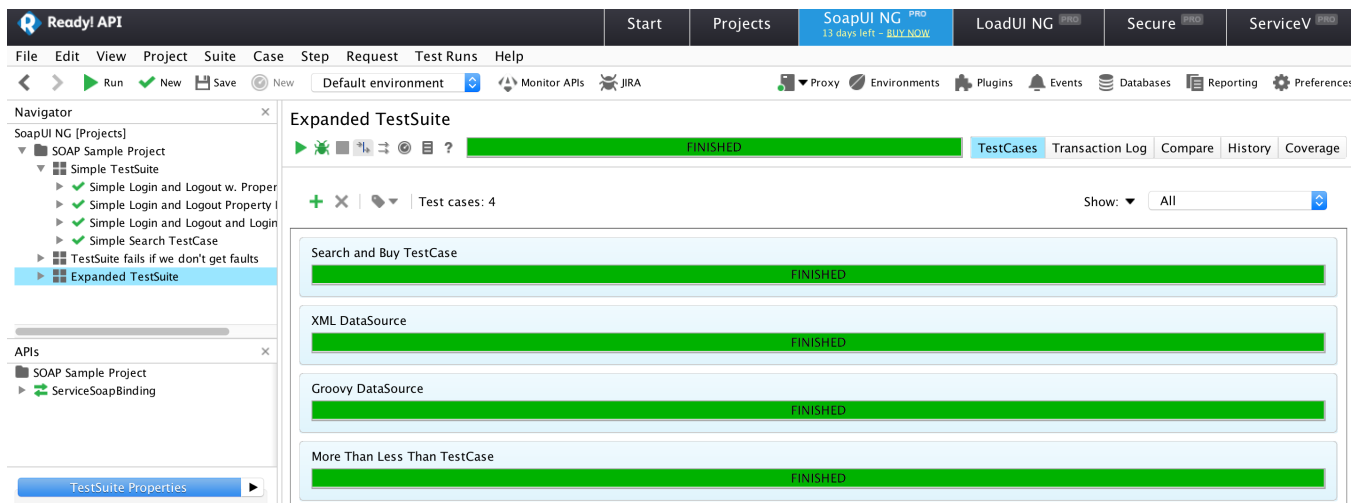
Requirements

- SoapUI NG Pro

Description

This example is based on the sample SOAP project that is available upon SoapUI installation.

The "SOAP Sample Project" from ReadyAPI v1.9.0 contains 3 TestSuites with a total of 11 test cases.

After running the tests (either from the UI or from the command line) and generating the JUnit XML reports (e.g., report.xml), it can be imported to Xray (by using either the REST API or the **Import Execution Results** action within the Test Execution).

From the UI,

or from the command line:

```
sh -c ./testrunner.sh -j -J -f/tmp/soapui "-RProject Report" "-EDefault environment" SOAP-Sample-Project-soapui-
project.xml
```

Each Test Case is mapped to a Generic Test in Jira, and the **Generic Test Definition** field contains the name of the project concatenated with the name of SoapUI's TestSuite and the name of the test case in SoapUI.

Tests

Create Test   ⊕ Add ⌄

Overall Execution Status

TOTAL TESTS: 11

11 PASSED

■ ⌄   Filters ⌄   10 ⌄   Columns ⌄

	Key	Summary	Test Type	Status		Actions
☐	CALC-345	More Than Less Than TestCase	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-339	Search and Buy TestCase	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-347	XML DataSource	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-343	Groovy DataSource	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-342	TestCase - Invalid Login	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-341	TestCase - Invalid Search	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-346	TestCase - Searching after Logging out LoadTests	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-338	Simple Login and Logout Property Expansion	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-340	Simple Login and Logout w. Properties Steps	Generic	🟩 PASSED	≣🗖	•••
☐	CALC-344	Simple Login and Logout and Login Again	Generic	🟩 PASSED	≣🗖	•••

Prev **1** 2 Next   Total **11** issues

The Execution Details of the Generic Test contains information about the context, which in this case contains the name of the project and the name of SoapUI's TestSuite.

▶ Execution Details

Test Description	⌃
None	

Test Details	⌃

Test Type: Generic
Definition: SOAP Sample Project.TestSuite fails if we don't get faults.TestCase - Invalid Login

Results	⌃

Context	Error Message	Duration	Status
TestSuite 2 - SOAP Sample Project.TestSuite fails if we don't get faults	-	83 millisec	PASSED

References

- http://readyapi.smartbear.com/soapui/getting_started/start
- http://readyapi.smartbear.com/features/integration/junit/report