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.
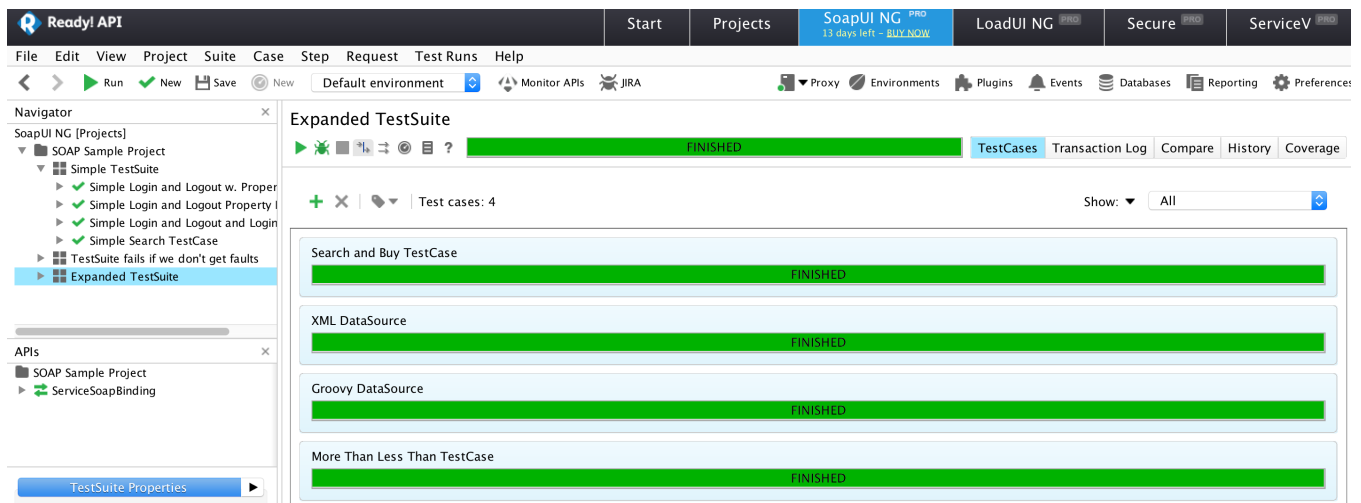
Requirements

- 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 (either by the REST API or through the **Import Execution Results** action within the Test Execution).

From the UI,

Launch TestRunner

Launch TestRunner
Specify arguments for launching SoapUI NG TestRunner

| Basic | Overrides | Reports | Properties | Tags | Custom Args |

Print Report: ☐ Prints a summary report to the console

Export JUnit Results: ☑ Exports results to a JUnit–Style report

Export JUnit Results with test properties: ☑ Exports results to a JUnit–Style report with test properties

Export All: ☐ Exports all results (not only errors)

Root Folder: /Users/smsf/Documents/soapui [Browse...]

Coverage Report: ☐ Generate WSDL Coverage report (SoapUI NG Pro license only)

Open Report: ☐ Opens generated report(s) in browser (SoapUI NG Pro license only)

Select Report Type: Project Report ⌄

Report Format(s):

? [Launch] [Close]

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.

Overall Execution Status

11 PASS

TOTAL TESTS: 11

FILTERS

Test Set	Assignee	Status	Component	Search
All ▾	All ▾	▾	▾	Contains text	✕ Clear

Show 100 ⬍ entries   Columns ▾

		Key	Summary	Test Type	#Req	#Def	Assignee	Status		
⣿	1	CALC-990	TestCase - Invalid Login	Generic	0	0	Administrator	PASS	▶	•••
⣿	2	CALC-991	XML DataSource	Generic	0	0	Administrator	PASS	▶	•••
⣿	3	CALC-992	Groovy DataSource	Generic	0	0	Administrator	PASS	▶	•••
⣿	4	CALC-993	Search and Buy TestCase	Generic	0	0	Administrator	PASS	▶	•••
⣿	5	CALC-994	TestCase - Searching after Logging out LoadTests	Generic	0	0	Administrator	PASS	▶	•••

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	PASS

References

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