

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.

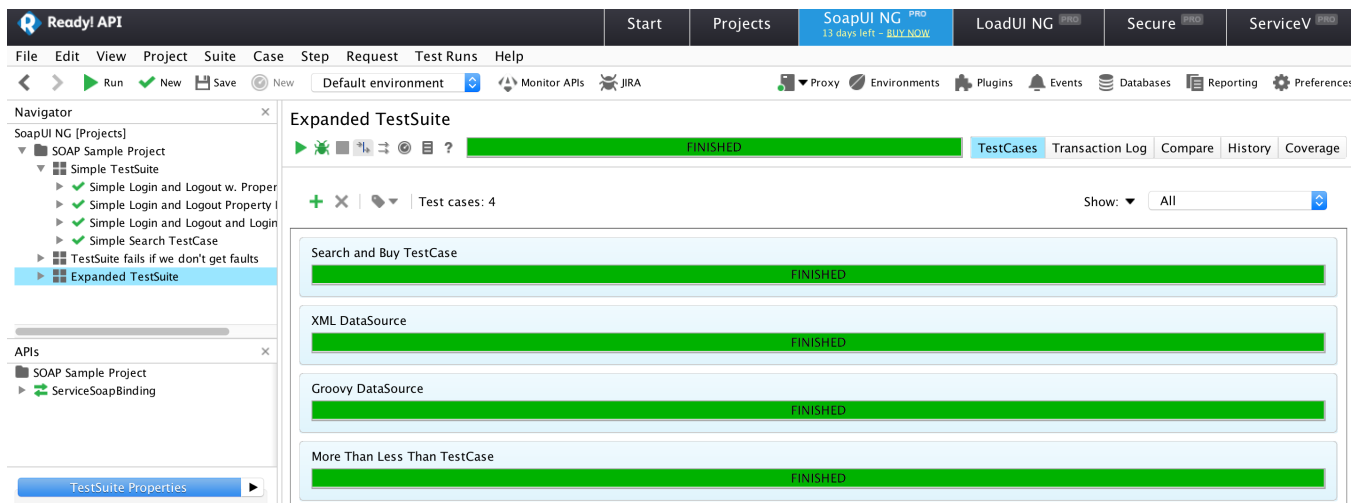
Requirements

- 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,

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:

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:

Report Format(s):

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 |
|---|--|-----------|--------------------|-----------------|
| <input type="checkbox"/> CALC-345 | More Than Less Than TestCase | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-339 | Search and Buy TestCase | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-347 | XML DataSource | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-343 | Groovy DataSource | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-342 | TestCase - Invalid Login | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-341 | TestCase - Invalid Search | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-346 | TestCase - Searching after Logging out LoadTests | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-338 | Simple Login and Logout Property Expansion | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-340 | Simple Login and Logout w. Properties Steps | Generic | <div></div> PASSED | <div></div> ... |
| <input type="checkbox"/> CALC-344 | Simple Login and Logout and Login Again | Generic | <div></div> PASSED | <div></div> ... |

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 millisecc | PASSED |

References

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