



TestMaker 5.4

TestMaker Editor

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Screencast Goals

- ▶ Audience for this: Developers and Testers
- ▶ Introduce the goals of the TestMaker Editor project
- ▶ Introduce the core development concepts
 - ▶ JQuery, Appcelerator Titanium, Extjs
- ▶ Present a cookbook of techniques to build the Editor
- ▶ Debugging Techniques
- ▶ Example of How To Modify the Editor

TestMaker Editor Goals

- ▶ For TestMaker 5.4, <http://www.pushtotest.com/products>
- ▶ Enhancement provides Forms-based editor for TestScenario files
- ▶ Runs as a desktop application external to TestMaker
- ▶ Implemented in Ajax using Ext and Appcelerator Titanium
 - <http://www.appcelerator.com/products/>
 - <http://extjs.com/>
- ▶ Save/Load From Local Hard Disk Volumes
- ▶ Files conform to TestScenario XML Schema Definition (XSD)
 - <http://dev.pushtotest.com/svn/tm5/branches/tm53/TestMaker/src/com/pushtotest/testmaker/XSTest/Scenario/testscenario.xsd>

Participants

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Download TestMaker

- ▶ Download TestMaker Editor
 - ▶ http://api.appcelerator.net/p/pages/app_page?token=Y4gNCB25
- ▶ Download TestMaker
 - ▶ <http://www.pushtotest.com/products/download>
- ▶ TestMaker Editor Source Code (svn)
 - ▶ <http://dev.pushtotest.com/svn/tm5/branches/tm54/modules/formseditor/>

Next let's talk about

The New World

▶ After Usability Labs on The Original Design

Usability Lab Actions

- ▶ Megan Twyver of The Jackson Laboratory
 - ▶ Overall: “This is wonderful and clean!”
- ▶ Thinks usability increases when you set resources and data production libraries (DPLs) right in the use case definition.
- ▶ The X icons are floating to the right
- ▶ Global Setup and Global Tear down need to be in chronological order. For example, put Global Setup at the top of the use case case.
- ▶ How about dragging the use case definitions around?
- ▶ Why can't I edit the Resources -> Name box for a Selenium file?
- ▶ Browse button did not work. (Fixed with later build.)
- ▶ DataSources -> Resource Name showing non-data types.

Action

- ▶ Remove Resources and DataSources tabs
- ▶ Rework UseCases tab (see following slides)

Add Global Setup

Use Case Name: Proportion:

Add Setup

Test type: ✖

TestName:

Test Script:

[Add Data Production Library](#)

[Add Test](#) [Add Teardown](#)

[Add Global TearDown](#) [Add Use Case](#)

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Proportion is the Sequence value. Proportion element only appears when there are multiple Use Cases. Proportion value is a text field for the user to enter numeric values. The pop-up displays: 10%, 25%, 50%, 75%, 100%

Click-and-drag Tests to change the position within the Use Case, and move a test from one use case to another.

The style shown of putting the input field label above the input field is not required. Using the existing Editor style of left-to-right elements in a row is acceptable.

Add Global Setup

Use Case Name **Untitled Use Case** Proportion 100%

Add Setup

Test type Selenium Test

TestName **Untitled Test**

Test Script Selenium Test:mytest.selenese

DPL Type HashDPL

DPL Name **myDPL**

Data Source data.csv

Action Get Next Row of Data

Add Data Production Library

[Add Global TearDown](#) [Add Use Case](#)

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Add Global Setup

Use Case Name: Proportion:

Setup Type: ✕

Setup Name:

Java Class: java Method:

Add Data Production Library

Test type: ✕

TestName:

Test Script:

DPL Type: ✕

DPL Name:

Data Source:

Action:

Add Data Production Library

Add Test Add Teardown

Add Global TearDown Add Use Case

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There is only one Global Setup (and one Global Teardown). The Editor hides the Add Global Setup link when a Global Setup form is present.

- Drag-and-drop DPLs between tests.
- Drag-and-drop test order within a Use Case.
- Drag-and-drop tests between Use Cases.