
ADDITIONAL LEARNING

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Exercise 17a - Constraint

Objective

By the end of this exercise, you will be able to use the ActionMode Constraint within a TestStep.

Why is this important?

ActionMode Constraint limits the search in a table to identify a specific item, regardless of where that item sits in the table.

Instructions

1.	Create a TestCaseFolder named "**Additional Exercises**". Create a subfolder named "**17a Constraint**".	☐
2.	Create a new TestCase named "**Constraint**", add the Test configuration parameter "**Browser**" with the value "**InternetExplorer**".	☐
3.	In the Web Shop, navigate to the "**Digital downloads**" section and manually add the two Music downloads named "**Music 2**" (one costs **10.00** the other is **3.00**) to the Shopping cart. Navigate to the "**Books**" section and manually add the book named "**Computing and Internet**" to the Shopping cart.	☐
4.	Into the TestCase, add the Module "**Shopping Cart**".	☐
5	Use the ActionMode **Constraint** to delete the "**Music 2**" product which costs **10.00** from the Shopping cart, leaving the other two products untouched regardless of their order.	☐

Exercise 17b - FireEvent

Objective

By the end of this exercise, you will be able to use the Steering Parameter FireEvent within a TestStep.

Why is this important?

The Steering Parameter FireEvent notifies the SUT that a change has been made to the properties.
In the following example, just entering the answer will not trigger the next step; simply entering the text does not indicate that a change has been actioned, additionally pressing enter or select is not an option. The FireEvent Steering Parameter resolves this.

Instructions

1.	Open the obstacle: **http://obstaclecourse.tricentis.com/Obstacles/78264**	☐
2.	Scan the obstacle course page with **XScan**, select the two labels containing the numbers and the textfield "**Result**". Rename them in a way that is logical. Save the new Module in the Module Folder "**17b FireEvent**".	☐
3.	On the Module Attribute for the Result textbox, change the value of the Steering Parameter called "**FireEvent**" from "**change**" to "**input**".	☐
4.	Create a TestCase Folder named "**17b FireEvent**" in the Additional Exercises Folder. Create a TestCase named "**FireEvent**" add the Test configuration parameter "**Browser**" with the value "**InternetExplorer**", then add the new Module.	☐
5	Use the ActionMode **Buffer** and the **MATH** function to add the two values together to enter the value into the "**Result**" textbox.	☐
6.	Run in the **ScratchBook**, When you have properly used the **FireEvent** Parameter, the obstacle course will alert you that you were successful. If you do not receive this alert, Tosca may still say the TestCase has passed but you have not completed the task.	☐

Hints

» Both the Parameter name and the value are case sensitive.