



Use TBox Dialog and Expression Evaluation modules

Hands-on Guide

Contents

What is this document for?	3
Disclaimer	3
TBox Dialog Module – Use Case	4
TBox Evaluation Module – Use Case	7

What is this document for?

This hands-on guide is designed to help you explore the process of creating TestCase to work with TBox Dialog Module and TBox Evaluation tools in Tricentis Tosca and enhance your functional knowledge of the product.

In this document, you are provided with a list of prerequisites and detailed instructions to walk you through the steps to achieve the desired result(s) for the listed assignment(s).

We encourage you to use this document to support your knowledge of Tosca, compare it with your alternate practical implementation method(s), and improve your overall know-how of the tool.

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TBox Dialog Module - Use Case

+ Objective

By the end of these exercise(s), you will be able to demonstrate how to:

- ◆ Steer the Dialog Box controls in an HTML webpage
- ◆ Create TestCase to manage the HTML dialog Box using TBox Dialog Module

+ Why is this important?

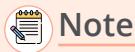
While working with the Demo Web Shop if you try to remove the address from the My Account section, you will be getting a dialog box popup for the confirmation of the removal. This can be handled using TBox Dialog Standard Module.

TBox Dialog Standard Module allows you to steer and automate any dialog box without scanning them that can be used for different webpages and applications.

+ Steps to perform

Here are the steps you need to perform to create TestCase in the TestCase Section of Tosca. Please remember to follow the steps in sequence to achieve the desired results.

- Section I: Open and Log in to the DemoWebShop



Note

As mentioned in the pre-requisites, import the base subset either at the project root level or in a new Component Folder to begin with the steps below.

- 1 | Launch the Tosca Commander and navigate to the TestCase section of the imported subset
- 2 | Navigate to **Use Case 1>> Address Deletion PopUp>> Precondition>> Log In**
- 3 | Add the **Email** and the **Password** TestStepValues with your DemoWebShop username and password
- 4 | To **Log in** TestStepValue add **x** as input value

- Section II: Open and Log in to the DemoWebShop

In continuation to the last section, follow the steps below

- 1 | Navigate to the TestStep Process>> Add new Address to account>>Enter New Address Data and update the TestStepValues as mentioned below :

TBox Dialog Module – Use Case

TestStep Name	Name(TestStepValue)	Value	Action Mode
Enter New Address Data	Address.FirstName	James Brian	Input
	Address.LastName	Hellwig	Input
	Address.Email	Ultimate@Warrior.com	Input
	Address.CountryId	Canada	Input
	Address.StateProvinceld	Other (Non US)	Input
	Address.City	Ultimate City	Input
	Address.Address1	Ultimate Street 5	Input
	Address.ZipPostalCode	1234	Input
	Address.PhoneNumber	1234	Input
	Save	X	Input

Name	Value	ActionMode	DataType
Enter New Address Data			
Address.FirstName	James Brian	Input	String
Address.LastName	Hellwig	Input	String
Address.Email	Ultimate@Warrior.com	Input	String
Address.CountryId	Canada	Input	String
Address.StateProvinceld	Other (Non US)	Input	String
Address.City	Ultimate City	Input	String
Address.Address1	Ultimate Street 5	Input	String
Address.ZipPostalCode	1234	Input	String
Address.PhoneNumber	1234	Input	String
Save	X	Input	String

Note

the reason for adding new address is that before executing the deletion of the address steps we have to add a new address so that the primary address isn't deleted.

Section III: Delete last address from the Account

In continuation to the last section, follow the steps below

- 1| Navigate to the TestStepFolder **Process>> Delete Address from Account**
- 2| Add a TestStep using the Module **TBox Dialog** and rename it to "**Confirm Delete and Close Popup**"
- 3| Update the TestStepValues as mentioned below:

TestStep Name	Name(TestStepValue)	Value	Action Mode
Confirm Delete and Close Popup	Caption	demowebshop*	Input
	Label	Are you sure?	Input
	Button	OK	Input

Note

- ◆ Please make sure that for the TestStep "Confirm Delete and Close Popup" , TestStepValue Button, the value Ok is written as 'O' and 'K' in capital letters.
- ◆ Alternatively, you can add the value **OK** in the the ValueRange for the ModuleAttribute Button of TBox Dialog Module.

- 4| Run the TestCase in ScratchBook and after successful execution update the WorkState to **COMPLETED**

Significance of TBox Dialog

You don't have to scan the confirmation dialog box, you can handle it using the TBox Dialog Standard Module.

+ Observation

You will observe that the TestCase will pass and the dialog box was steered by the TestStep created using the TBox Dialog Standard Module.

+ Objective

By the end of these exercise(s), you will be able to demonstrate how to:

- ◆ Evaluate date and Buffer using TBox Evaluation Tool

+ Why is this important?

While working with Test projects you have to evaluate expressions, dates or buffered values of your project. In such scenarios you can use the TBox Evaluation Standard Module to verify the expected values.

+ Steps to perform

Here are the steps you need to perform to create TestCase in the TestCase Section of Tosca. Please remember to follow the steps in sequence to achieve the desired results.

- Section I: TBox Evaluation tool, Date Function, Buffer Values

In continuation of the first usecase use the subset imported, and continue working in the Tosca Commander.

- 1 | Navigate to the TestCaseFolder **Use Case 2**
- 2 | Create a new TestCase – “**Date and Buffer Evaluation**”, and update the WorkState to **IN_WORK**
- 3 | Add a new TestStep using “**TBox Set Buffer**” Module and rename it to “**Set Buffer of two Text Values**”
- 4 | Create two buffers with the name **Text1** and **Text2** and in both, set the buffers value to **Value1**
- 5 | Add a new TestStep using the Standard Module **TBox Evaluation Tool** and rename it to “**Evaluate Data and Buffer values**”
- 6 | Add the TestStepValues in TestStep as mentioned below:

TestStep Name	Name(TestStepValue)	Value	Action Mode
Evaluate Data and Buffer values	Expression	'#{DATE[][]}">'> '#{DATE[][-1d][]}'	Input
	Expression	'#{DATE[][]}">'> '#{DATE[]{+1d}[]}'	Input
	Expression	'{B[Text1]}'=''{B[Text2]}'	Input

Name	Value	ActionMode	DataType	WorkState
Evaluate Data and Buffer values				
Expression	'# DATE > '# DATE -1d '	Verify	String	
Expression	'# DATE > '# DATE +1d '	Verify	String	
Expression	' B Text1 != B Text2 '	Verify	String	
Expression			String	

7 | Run the TestCase in ScratchBook, and after the result of the execution is as expected update the WorkState to **COMPLETED**

+ Observation

You will observe that:

On executing the TestCase **Date and Buffer Evaluation** it would fail - as expected. The reason is that the second TestStepValue will fail as we are comparing tomorrow's date with today's date. The other two TestStepValues will pass.