Tricentis

Automation Engineer Level 1

Exercise 6

Install and Use Custom Controls

Objective

By the end of this exercise, you will be able to demonstrate the installation of the dlls available for the customized controls and how to use them when scanning modules for custom controls.

Why is this Important?

In many cases, SUTs will be customized where Tosca doesn't work out of the box. Using Custom Control dll files you will be able to scan these controls.

Project Perspective

Rarely some controls may not be identifiable using the TBox engine of Tosca, to steer such controls you can write a custom control and use the dll files to identify and steer the controls out of the box.

Instructions

1. Navigate to the path **AE1 Exercises>>Modules>>Custom Controls**
2. Open https://obstaclecourse.tricentis.com/Obstacles/66744 in a browser
3. Open XScan, select the combo box and save the Module.
4. Create a TestCase to steer the combo box. You will observe that Tosca is having issues with identifying this combo box.
5. Let's try another control, in a new tab open https://obstaclecourse.tricentis.com/Obstacles/57445
   Note: On trying to identify the table in the above web page, it is not identified as a table since it is a DIV table.
6. In the downloads section of this lesson locate the FancyComboBox.dll and HtmlTable.dll.

7. Download and extract these files, Close Tosca and paste them in C:\Program Files (x86)\TRICENTIS\Tosca Testsuite\TBox
8. Reopen Tosca Commander so that the .dlls can take effect
9. Launch XScan and scan the first tab with the combo box again. (Combo box should appear as a combo box this time due to the custom controls)
10. Select the combo box. Save and close the XScan
11. Navigate to **AE1 Exercises>>TestCases>>Custom Controls**, create a new TestCase and name it as **Fancy Combo Box**
12. Add the combo box Module to this TestCase
13. In the Value column of the TestStep select **Planned** and set the Action Mode to **Input**
14. Mark the TestCase **Completed** and run it in Scratchbook
15. Similarly, you will also be able to scan the DIV table and steer it as an actual table now.

Expected outcome

The combo box and DIV table would be steerable as actual combo box and table after using the custom controls.

Hints

1. Controls should be customized only when they are not steerable using the TBox engine or a workaround.
2. Vision AI can help identifying the controls that are not steerable using the TBox engine to avoid customizations.