

Exercise 29 – Use TBox Set Buffer and ResultCount

Objective

By the end of this exercise, you will be able to use Tbox Set Buffer Module and the ResultCount property within a TestStep.

Why is this important?

Tbox Set Buffer is useful in situations when you may want to reset a buffer's value, set a buffer to a specific value, store a timestamp, or even perform calculations within a buffer's value.

ResultCount offers you a lot of value as it counts the occurrences of a particular value independent of its position. You may want to use this number to take action elsewhere in your test case. Some examples of that could be repeating a step a dynamic number of times, going to the last item in a list, or verifying that there are as many items as were expected.

Instructions

1. In the TestCase Section, navigate to the TestCase **Additional Material>> Exercises>> ResultCount>> Count Digital Items**.
2. Within the "Count Digital Items" TestCase, navigate to the "Process" folder.
3. Here, after the "Navigate to Digital Downloads" TestStep, add the following Modules in this order:
 - "TBox Set Buffer", rename this TestStep to "Set Buffer Value".
 - "WebShop | Digital Downloads **Items**", rename this TestStep to "Verify Number of Items in Digital Downloads".
4. Inside the "Set Buffer Value" TestStep, change the TestStepValue Name from "<Buffername>" to "NumberOfItems".
5. Enter the values within your newly created TestSteps as per the table below:

TestStep	TestStepValue	Value	ActionMode
Set Buffer Value	NumberOfItems	3	Input
Verify Number of Items in Digital Downloads	Products		Select
Verify Number of Items in Digital Downloads	Item	ResultCount=={B[NumberOfItems]}	Verify

6. Insert user and password credentials in the "Precondition" TestStep and run the TestCase in the ScratchBook.
7. Change the TestCase WorkState to "Completed".
8. Save your work.