

Exercise 3a - Link Template and Values

Objective

By the end of this exercise, you will be able link a Template to a TestSheet by using the values from that TestSheet.

Why is this important?

For a Template to work, it needs to supply the TestCases with the necessary information. One of the sources of information we can use is the TestSheet.

Project perspective

You have just created a Template and a TestSheet that fit the needs of your project. However, they are still two separate objects which cannot communicate with each other yet. For the Template to find the correct data, you will need to link the values to the appropriate TestStepValues.

Key elements:



Attribute



Instance

Instructions

1. Duplicate the TestCase folder "**2c Convert to Template**" and rename the new folder to "**3a Link Template and Values**".
2. In the **TestCaseDesign** section, locate the "**Log In Data**" TestSheet that was created in Exercise 1. Drag and drop the "**Log In Data**" TestSheet onto the "**Log In Process**" Template.
3. In the TestStep Workflow >> "**Log in**" of the Template, delete any data in the "**Email**" and "**Password**" TestStepValues.
4. Drag and drop the corresponding Attributes from the "**Log In Data**" TestSheet to the value column of the "**Log in**" TestStep.

| TestStep Folder | TestStep | TestStepValue | Value |
|-----------------|----------|---------------|----------------|
| Workflow | Log in | Email | {XL[Email]} |
| | | Password | {XL[Password]} |

Hints

- » Make sure you have linked the correct TestSheet to the right TestCase Template before Linking the Values.
- » "Jump to Schema Definition" from the context menu on the linked TestCase will show the TestSheet to which the Template is linked. You can also check the name of the linked TestSheet using the Property tab.
- » Attributes can also be linked manually following the syntax: {XL[Attribute.SubAttribute]} or {XL[Attribute.SubAttribute.SubSubAttribute]} but this is **not best practice**.

Exercise 3b - Instantiation

Objective

By the end of this exercise, you will be able to Instantiate a Template and generate TestCases from the test data provided.

Why is this important?

The final stage of Template creation is to automatically generate all the TestCases from the TestSheet. This is achieved through Instantiation.

Project perspective

After linking the TestSheet to the Template, you can then Instantiate the Template, which automatically generates multiple TestCases that will test the login process for the three different user accounts on the TestSheet.

Key elements:



TemplateInstance
folder

Instructions

1. Duplicate the folder "**3a Link Template and Values**" and rename it to "**3b Instantiation**".
2. Right click on the TestCase Template . Select the ellipsis icon from the context menu to see extra options and click on "**Create TemplateInstance**". Select "**Yes**" on the prompt asking whether you want to start the instantiation now.
3. Run the "**TemplateInstance of Log In Process**" folder in the **Scratchbook**.

Hints

- » You can also find the Instantiate button in the TestCases section of the Ribbon..