Image Actions Guide

Learning and executing IM actions







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1 Introduction

1.1 Purpose

To capture objects of any application under test with the help of an image of those objects. This is an image-based capturing done in eZAutomate to navigate to objects without any properties or element locators.

In some applications you cannot view or locate the properties of objects (Textbox, Button, Checkbox etc) you want to capture for creating Business Components. You cannot get the locator in such applications. It is possible to capture those objects and execute Flash or Silverlight applications also using TestMagic. You can execute a Business Component based on matching image pattern.

Snipping tool: TestMagic has a snipping tool using which you snip and capture the desired object in an image form.

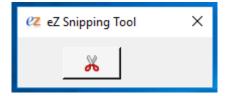


Figure 1: Snipping Tool

This document explains learning (Capturing) and performing (Executing) a Business Component in TestMagic having the below actions.

- IMSetText
- IMButtonClick
- IMListSelect
- IMVerifyTextContains
- IMRadioButtonSelect



- IMCheckBoxSelect
- IMVerifyImageContains
- IMRowClick
- IMRowSetText
- IMDoubleClick
- IMGetText
- IMVerifyTextExist
- IMMouseHover

2 Pre-requisites

In order to get the IM functions working you need the below:

- ▶ Installed JAVA version: **jre-8u192-windows-x64** only
- ▶ The display settings of your computer must be set on 100%

3 eZAutomate Execution Settings for IM Actions

1. **Match Criteria**: It is the minimum similarity percentage between the image of the AUT at the runtime and the one inserted in the Business Component. If both the images are similar to each other, either equal or above the **Match Criteria**, then only the AUT image will be identified during execution.

It is preferred to keep the **Match Criteria** as at least 90%.



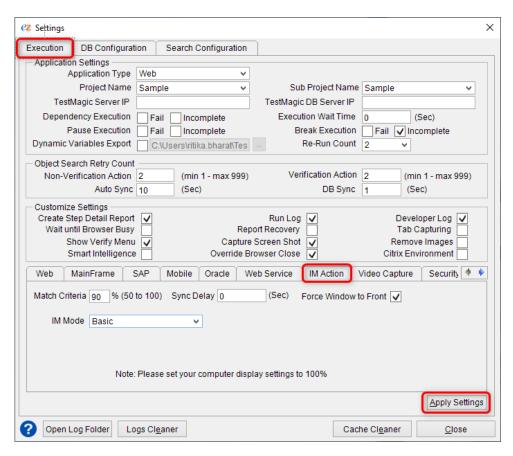


Figure 2: IM Execution Settings

- 2. **Sync Delay (in sec)**: It is the delay in seconds which will be applied after every IM action only, used in the flow. It can be used as a buffer time given to IM action to ensure the execution of the action.
- 3. **Force Window To Front**: If selected, this will force the execution window to appear in the front.
- 4. IM Mode: Set the IM mode to Basic.

If actions are somehow not getting performed in **Basic** mode, you can try the **Advance** mode as well. In Advance mode, you need to configure the Java environment. Enter the JRE path of your local machine in **Java Path** textbox, as shown below. Then, click on **Set IM Configurations** button that will automatically configure and set the necessary environment settings. A successful message will get appeared, click **OK**.



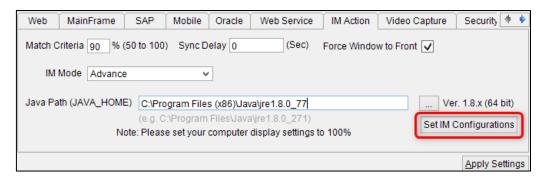


Figure 3: Advance IM Mode

5. At last, click **Apply Settings**.

4 Setting up Environmental variables

Although, these settings are saved automatically by clicking on **Set IM Configurations** button, you can save the settings manually also. The steps for setting environmental variables are given below:

- Right click My Computer or go to Control Panel > System and Security > System and click Advanced system settings.
- 2. In System Properties click **Environmental Variables**.

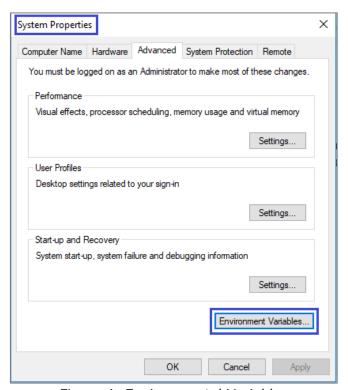


Figure 4: Environmental Variables



- 3. Create new path for **JAVA_HOME** in **User Variables** as below:
 - In Variable name enter JAVA_HOME (In capital letters).
 - ► In Variable value enter "C:\Program Files\Java\jre1.8.0_211".
- 4. Click OK.

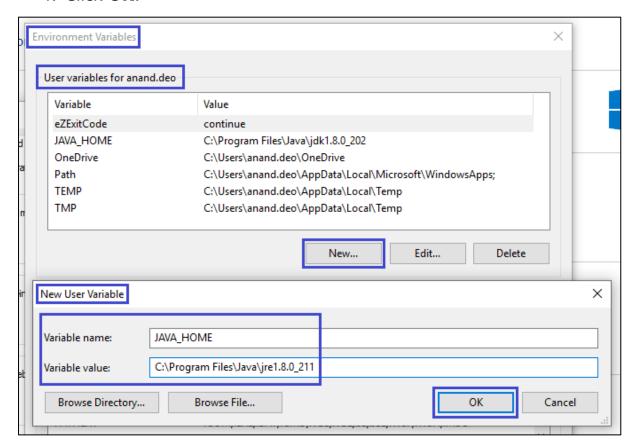


Figure 5: JAVA_HOME

- 5. In User variables click New.
- 6. In **Variable name** enter **SIKULI_HOME** (In capital letters). In **Variable value** enter the path of **Test Magic** (is installed) in which the **SIKULI** folder is (TestMagic Suite 2018\eZAutomate\SIKULI).
- 7. Click OK.



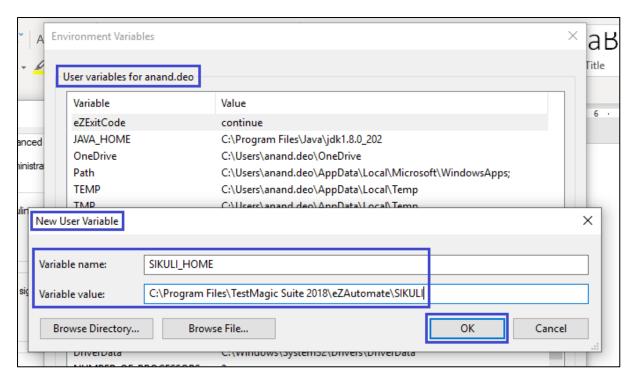


Figure 6: User Variable 2

8. In User variables select Path and click Edit.

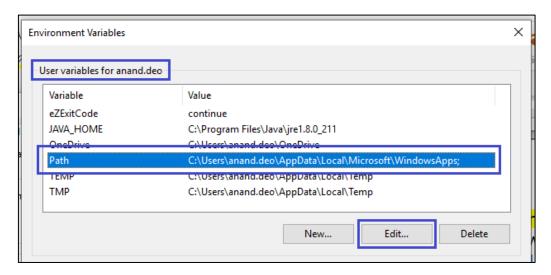


Figure 3: Edit Path



- 9. In Edit environmental variable click New.
- 10. Enter path "C:\Program Files\Java\jre1.8.0_211\bin"

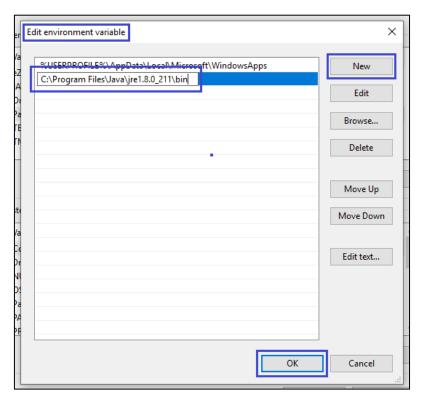


Figure 4: Edit environmental variable

Please note: If you Windows 7, please do the below:

- 1. In Environmental variables click Edit.
- In Edit User Variable and append the exiting path. Use ";" at the end of existing path and provide Variable Name and Variable Value "C:\Program Files\Java\jre1.8.0_211\bin" and click OK.



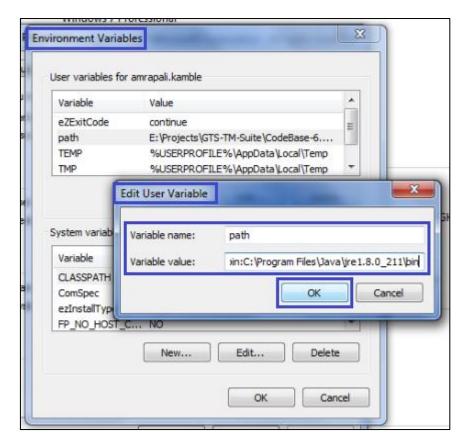


Figure 5: Edit Path for Windows 7

8. Click OK.

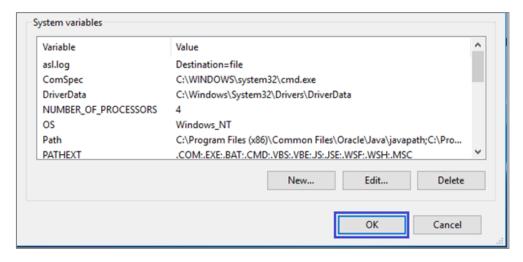


Figure 6: Save User Variables



5 Learning

Learning means capturing to create a Business Component in TestMagic. To use the functions mentioned in above point 1.1 Purpose, you need to do the following:

- 1. Open eZAutomate.
- 2. Start creating a new Business Component.
- 3. In URL column put the URL of the application.
- Click Learn On > Learn On > IE (Select other option as per requirement).

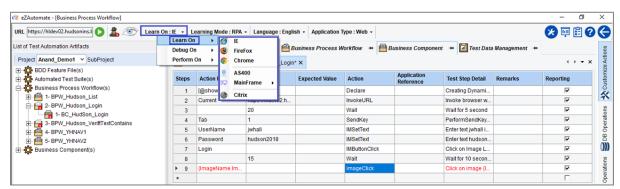


Figure 7: Learning

- 5. Click **Learning Mode**. Select **RPA** or **OBR**.
- 6. Click **Go** button to start learning.

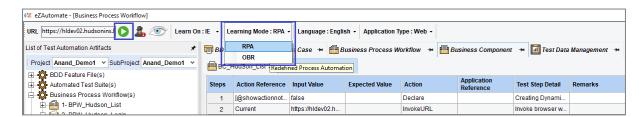


Figure 8: Learning Mode



5.1 Using IM actions

In this document we have given example of creating a online registration for internet banking. **Please note**: This is for example purpose only.

5.1.1 Mandatory conditions

In order to get Business Component captured properly you need to make sure the below:

Capture AUT in full screen mode.

5.1.2 Set Text (Action- IMSetText)

Set Text can be used by IM Action- **IMSetText** where you want to enter value in textbox. Consider below example based on which you need to follow steps to capture. In this we will capture "Username".

Please follow steps given below:

Select the step in the Business Component where you want to insert
 IMSetText in Key Word Script table. Click Pointer under Steps column.

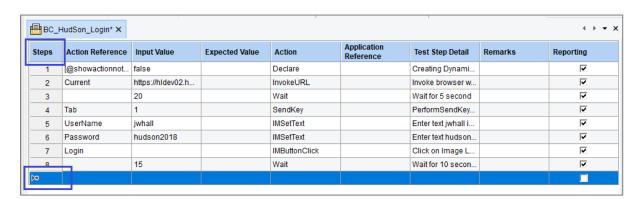


Figure 9: IMSetText 1

2. Enter first letter "I" in Action Column.



3. Select **IMSetText** from drop down.

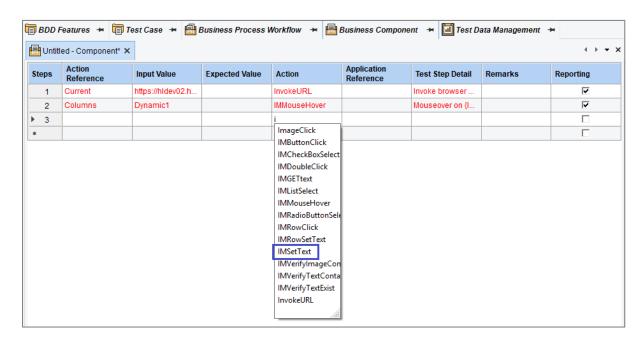


Figure 10: IMSetText 2

The snipping tool will be activated. Click the **Snipping** tool icon.

- 4. Go to AUT.
- 5. Click **Snipping** tool.

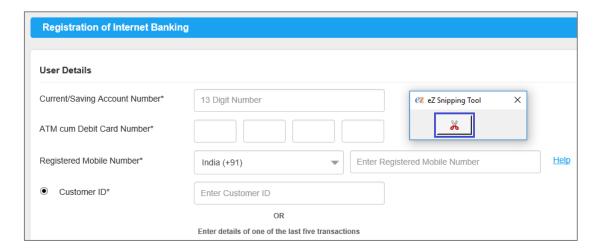


Figure 11: IMSetText 3



6. Select whole image and the field.



Figure 12: IMSetText 4

- Go to Key Word Script table. In Action Reference, type
 Current/Saving Account Number*.
- 8. In **Input Value**, type **1234567891234567**. This is the account number.

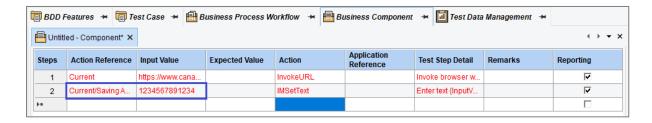


Figure 13: IMSetText 5

 Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.



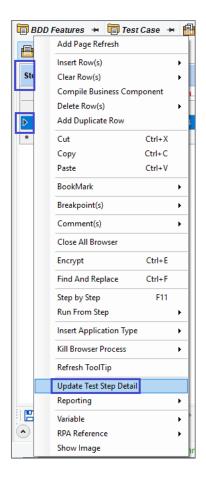


Figure 14: IMSetText 6

Test Step Detail column will be updated.

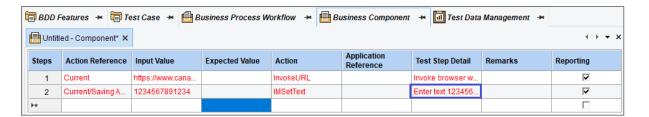


Figure 15: IMSetText 7

5.1.3 View IMSetText cut image

You can view image you cut. Purpose is only to verify the cut image. Please follow steps given below:



- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

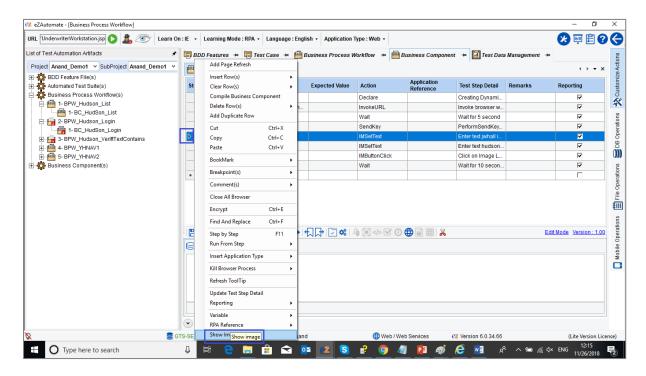


Figure 16: IMSetText 6

5.1.4 Button Click (Action- IMButtonClick)

Button Click can be used by the IM Action- **IMButtonClick** where you want to click button. Consider below example based on which you need to follow steps to capture. In this we will capture "I Agree" button.

Please follow steps given below:

 Select the step in the Business Component where you want to insert IMButtonClick in Key Word Script table. Click **Pointer** under Steps column.



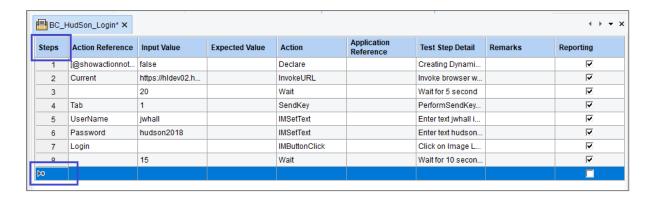


Figure 17: IMButtonClick 1

- 2. Enter first letter "I" in Action Column.
- 3. Select IMButtonClick from drop down.

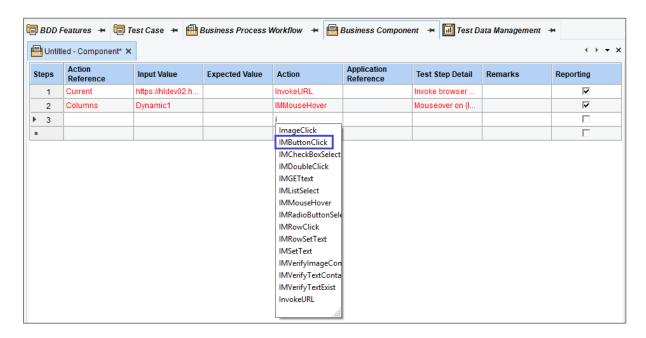


Figure 18: IMButtonClick 2

The snipping tool will be activated. Click the **Snipping** tool icon.

4. Go to AUT.



5. Click **Snipping** tool.

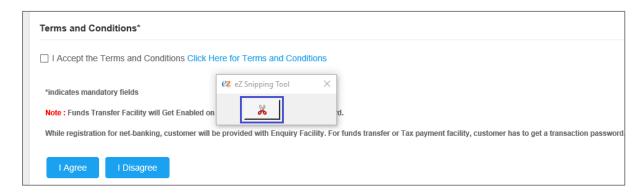


Figure 19: IMButtonClick 3

6. Select whole image and the field.

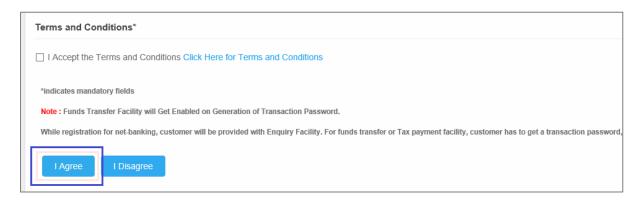


Figure 20: IMButtonClick 4

7. Go to Key Word Script table. In **Action Reference** type **I Agree**.

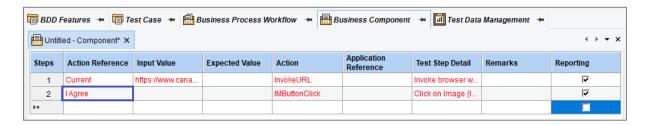


Figure 21: IMButtonClick 5



8. Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.

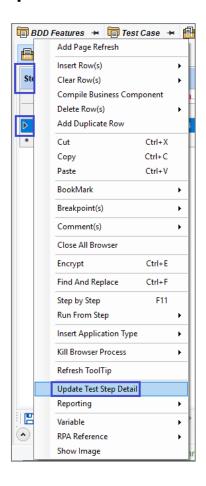


Figure 22: IMButtonClick 6

Test Step Detail column will be updated.

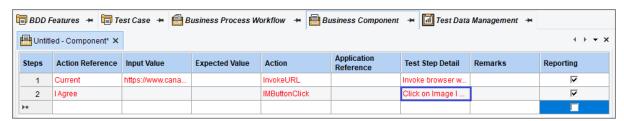


Figure 23: IMButtonClick 7



5.1.5 View IMButtonClick cut image

You can view image you cut. Purpose is only to verify the cut image. Please follow steps given below:

- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

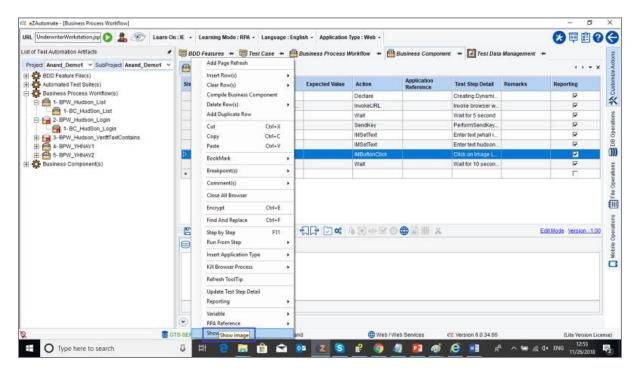


Figure 24: IMButtonClick 6

5.1.6 List Select (Action- IMListSelect)

List Select can be used by the IM Action- **IMListSelect** where you want to select value from drop-down. Consider below example based on which you need to follow steps to capture. In this we will capture country code for registered mobile number.



Please follow steps given below:

 Select the step in the Business Component where you want to insert IMListSelect in Key Word Script table. Click **Pointer** under Steps column.

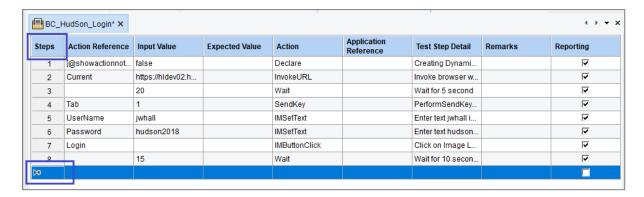


Figure 25: IMListSelect 1

- 2. Enter first letter "I" in Action Column.
- 3. Select **IMListSelect** from drop down.

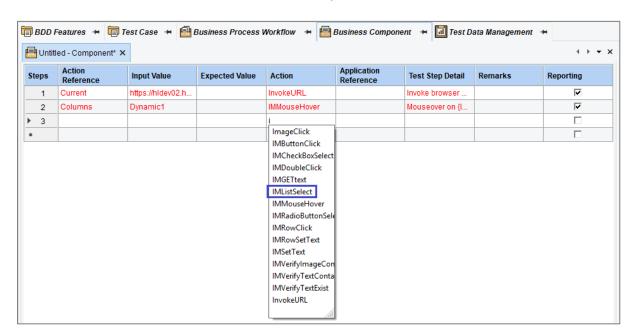


Figure 26: IMListSelect 2



oina tool

The snipping tool will be activated. Click the Snipping tool icon.

- 4. Go to AUT.
- 5. Click **Snipping** tool.
- 6. Select whole image and the field.

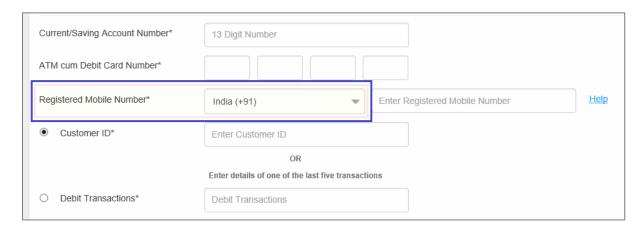


Figure 27: IMListSelect 3



7. In **Registered Mobile Number*** drop down select **American Samoa**.

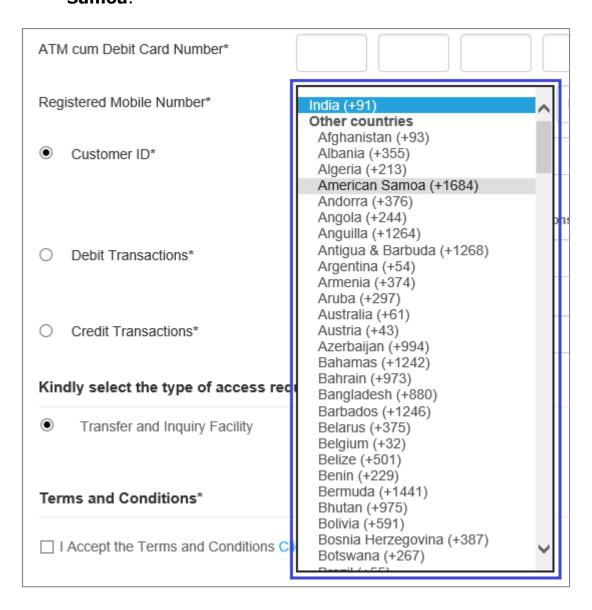


Figure 28: IMListSelect 4

- 8. Go to Key Word Script table. In **Action Reference**, type **Registered Mobile Number***.
- 9. In **Input Value**, type **A;4**. The country of American Samoa is at number 4 in the country list.



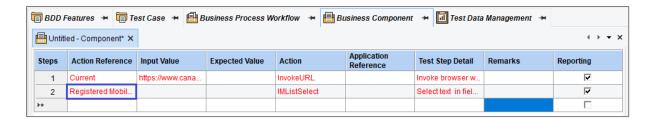


Figure 29: IMListSelect 5

10. Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.

Test Step Detail column will be updated.

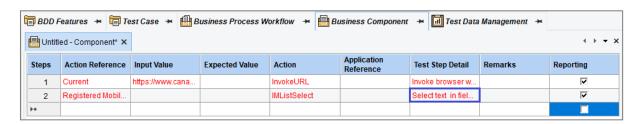


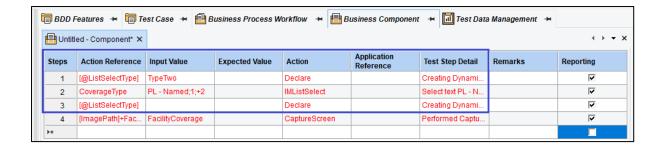
Figure 30: IMListSelect 6

Alternate approach

We have an alternate approach for IMListSelect. Please follow steps given below:

- Declare a reserved dynamic variable ([@ListSelectType]) in Action Reference and keep value as TypeTwo in Input Value in Keyword Script table (As in Step 1 in below screen shot).
- Use IMListSelect action and crop image of above label only (As in Step 2 in below screen shot). It will click bottom of the provided label so automatically dropdown will get selected.
- After all list drop down selection of this page set reserved dynamic variable ([@ListSelectType]) as blank (As in Step 3 in below screen shot).





5.1.7 View IMListSelect cut image

You can view image you cut. Purpose is only to verify the cut image. Please follow steps given below:

- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

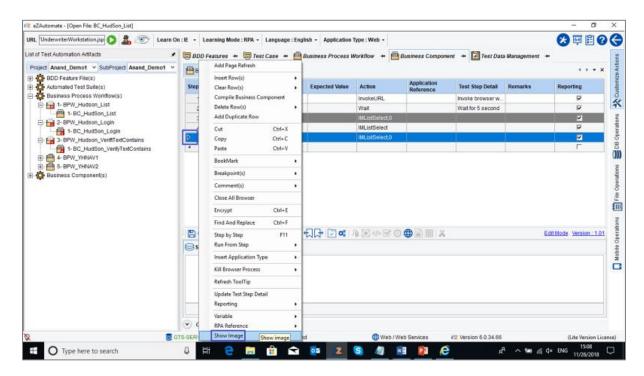


Figure 31: IMListSelect 6



5.1.8 VerifyTextContains (Action- IMVerifyTextContains)

Verify Text Contains can be used the IM Action- **IMVerifyTextContains** where you want to verify contains on web page. Consider below example based on which you need to follow steps to capture.

Please follow steps given below:

 Select the step in the Business Component where you want to insert IMVerifyTextContains in Key Word Script table. Click Pointer under Steps column.

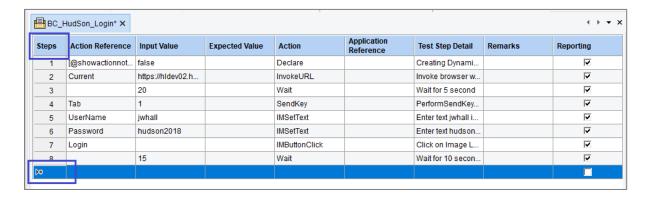


Figure 32: IMVerifyTextContains 1

- 2. Enter first letter "I" in Action Column.
- 3. Select **IMVerifyTextContains** from drop down.



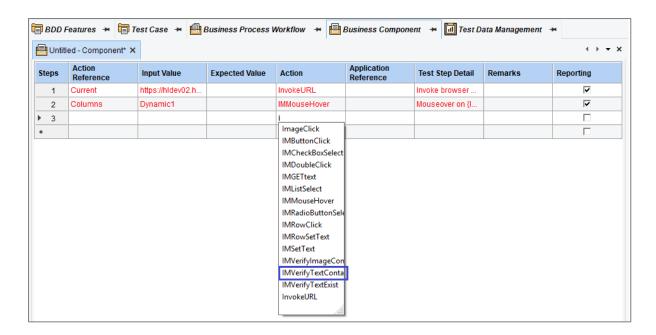


Figure 33: IMVerifyTextContains 2

The snipping tool will be activated. Click the Snipping tool icon.

- 1. Go to AUT.
- 2. Click **Snipping** tool.
- 3. Select whole image and the field (s).



Figure 34: IMVerifyTextContains 3

 Go to Key Word Script table. In **Action Reference**, type image name (Sanctions at Branch/ RAH (Based on above example screen shot)).



- 5. In **Input Value**, 21 Days (Based on above example screen shot).
- 6. In **Expected Value** type **True** or **False**.

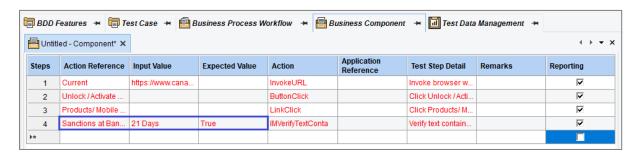


Figure 35: IMVerifyTextContains 4

5.1.9 View IMVerifyTextContains cut image

You can view image you cut. Purpose is only to verify the cut image. Please follow steps given below:

- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.



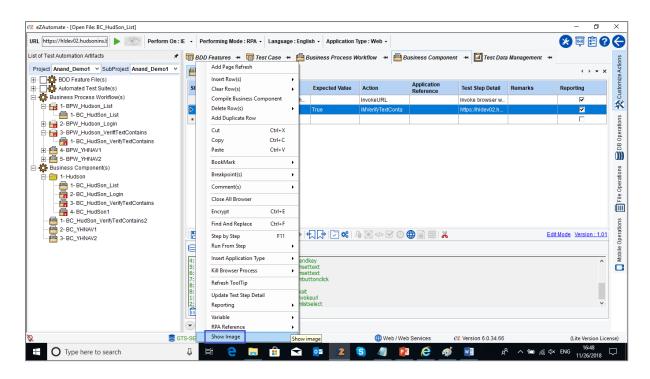


Figure 36: IMVerifyTextContains 5

5.1.10 Radio Button Select (Action-IMRadioButtonSelect)

IMRadioButtonSelect can be used when you want to select radio button. Consider below example based on which you need to follow steps to capture. In this we will capture radio button "Create Account".

Please follow steps given below:

 Select the step in the Business Component where you want to insert IMRadioButton in Key Word Script table. Click **Pointer** under Steps column.



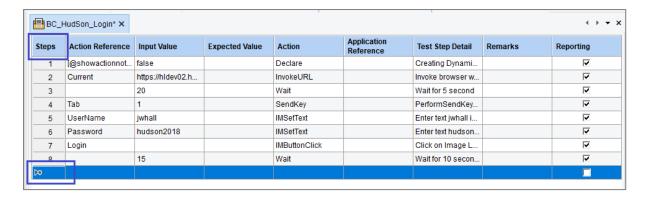


Figure 37: IMRadioButtonSelect 1

- 2. Enter first letter "I" in Action Column.
- 3. Select IMRadioButtonSelect from drop down.

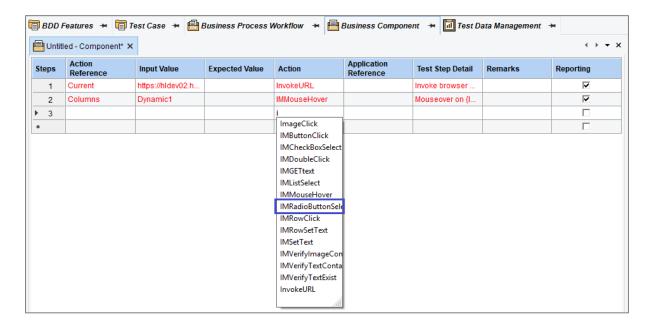


Figure 38: IMRadioButtonSelect 2

The snipping tool will be activated. Click the Snipping tool icon.

- 4. Go to AUT.
- 5. Click **Snipping** tool.
- 6. Select whole image and the field including radio button.



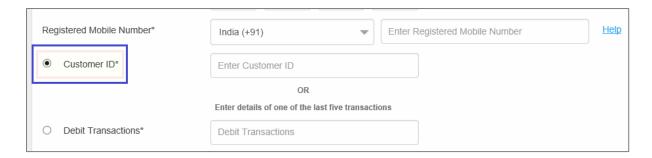


Figure 39: IMRadioButtonSelect 3

7. In Keyword Script table, in **Action Reference** type image name "**Customer ID**".

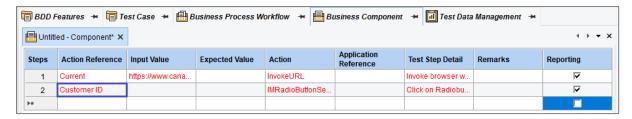


Figure 40: Figure 45: IMRadioButtonSelect 4

Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.



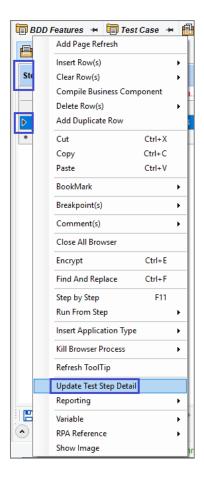


Figure 41: IMRadioButtonSelect 5

Test Step Detail column will be updated.

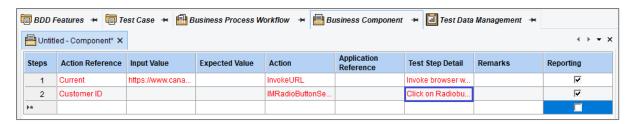


Figure 42: IMRadioButtonSelect 6

5.1.11 View IMRadioButtonSelect cut image

You can view image you cut. Purpose is only to verify the cut image. Please follow steps given below:



- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

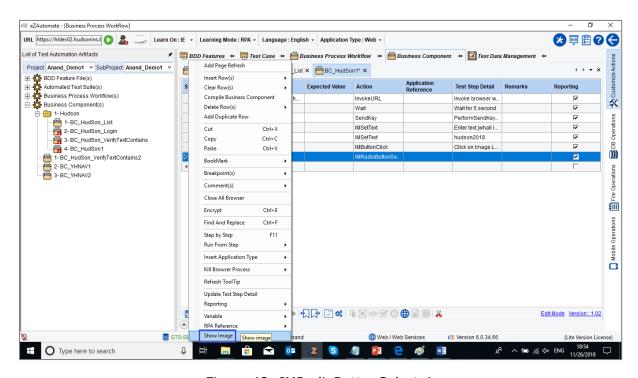


Figure 43: IMRadioButtonSelect 4

5.1.12 CheckBox Select (Action- IMCheckBoxSelect)

CheckBox Select can be used by the IM Action- **IMCheckBoxSelect** when you want to select checkbox. Consider below example based on which you need to follow steps to capture. In this we will capture check box "Name" and "Street" in Account creation.

Please follow steps given below:

- 1. Select the step in the Business Component where you want to insert IMCheckBoxSelect in Key Word Script table.
- 2. Click **Pointer** under Steps column.



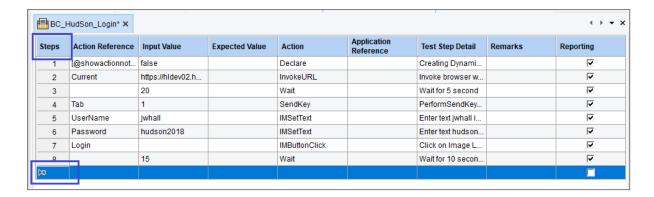


Figure 44: IMCheckBoxSelect 1

- 3. Enter first letter "I" in Action Column.
- 4. Select IMCheckBoxSelect from drop down.

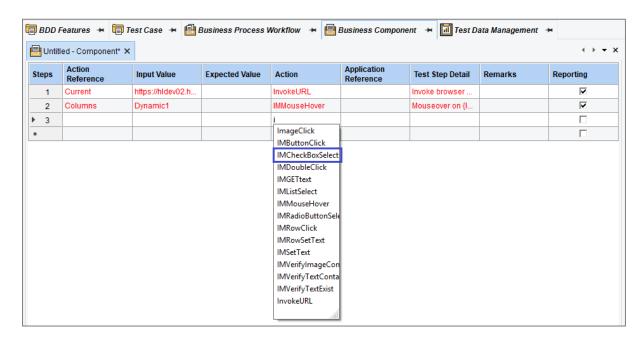


Figure 45: IMCheckBoxSelect 1

The snipping tool will be activated. Click the Snipping tool icon.

- 1. Go to AUT.
- 2. Click **Snipping** tool.



3. Select whole image and the field including checkbox.

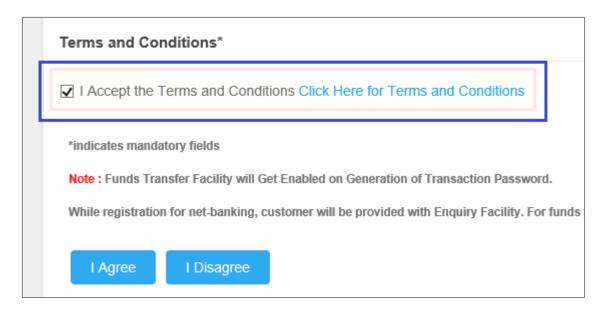


Figure 46: IMCheckBoxSelect 2

4. In Keyword Script table, in **Action Reference** type image name.

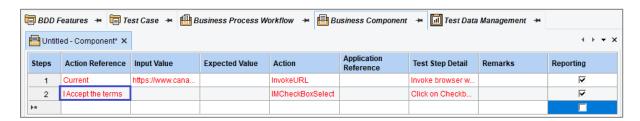


Figure 47: IMCheckBoxSelect 3

Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.



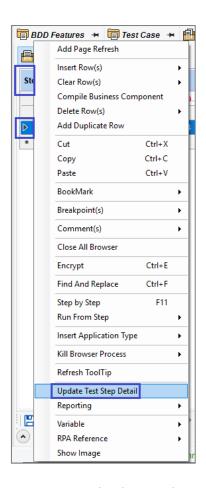


Figure 48: IMCheckBoxSelect 4

Test Step Detail column will be updated.

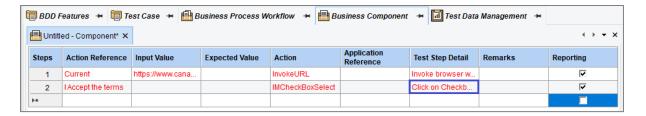


Figure 49: IMCheckBoxSelect 5

5.1.13 View IMCheckBoxSelect cut image



- 3. Select the step in Keyword Script table. Click at **Pointer** under **Steps**, and right click.
- 4. Click **Show Image**.

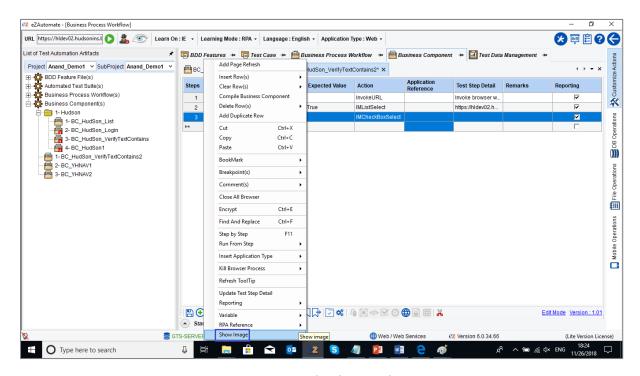


Figure 50: IMCheckBoxSelect 4

5.1.14 Verify Image Contains (Actions- IMVerifyImageContains)

Verify Image Contains can be used by the IM Action- **IMVerifyImageContains** when you want to verify the contains of image in run time. Consider below example based on which you need to follow steps to capture.

- Select the step in the Business Component where you want to insert IMVerifyImageContains in Key Word Script table.
- 2. Click **Pointer** under Steps column.



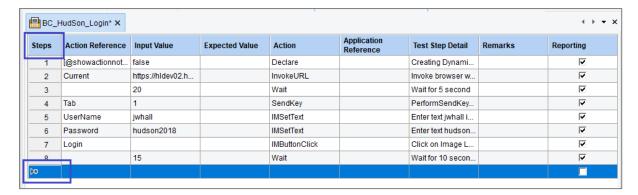


Figure 51: IMVerifyImageContains 1

- 3. Enter first letter "I" in Action Column.
- 4. Select **IMVerifyImageContains** from drop down.

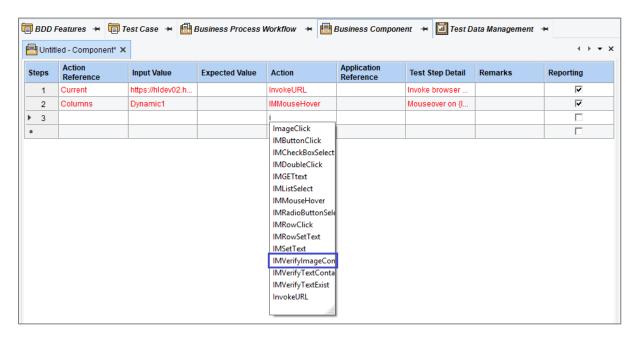


Figure 52: IMVerifyImageContains 2

The snipping tool will be activated. Click the Snipping tool icon.

- 5. Go to AUT.
- 6. Click **Snipping** tool.



7. Select whole image.



Figure 53: IMVerifyImageContains 3

- 8. In Keyword Script table, in **Action Reference** type image name.
- 9. In **Expected Value** type **True** or **False**.

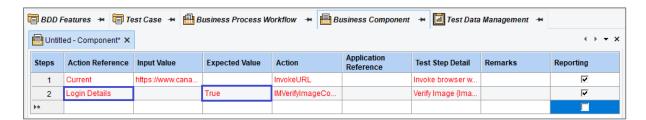


Figure 54: IMVerifyImageContains 4

10. Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.



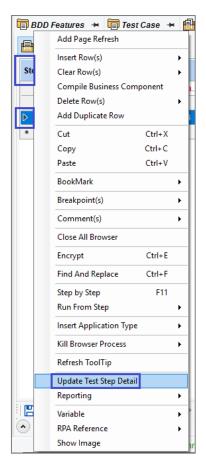


Figure 55: IMVerifyImageContains 5

Test Step Detail column will be updated.

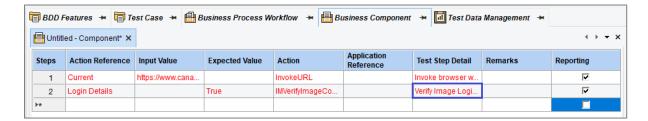


Figure 56: IMVerifyImageContains 6

5.1.15 View IMVerifyImageContains cut image



- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

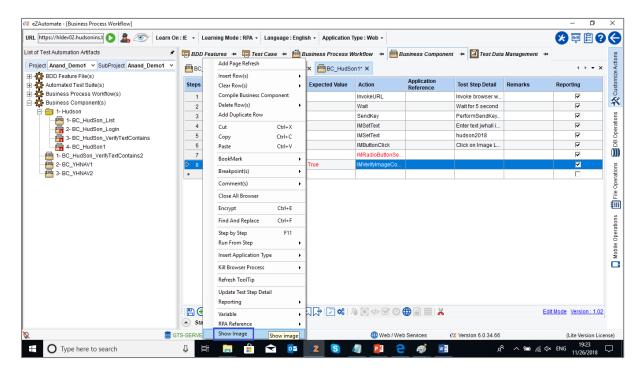


Figure 57: IMVerifyImageContains 5

5.1.16 Row Click (Action- IMRowClick)

Row Click can be used by the IM Action- **IMRowClick** when you want to select a row from a table. Consider below example based on which you need to follow steps to capture.

- Select the step in the Business Component where you want to insert IMRowClick in Key Word Script table.
- 2. Click **Pointer** under Steps column.



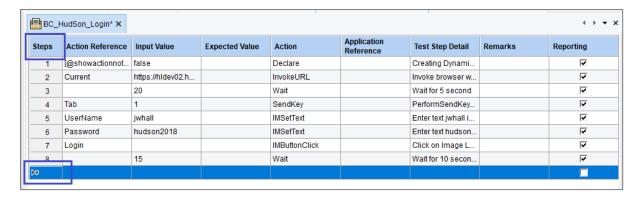


Figure 58: IMRowClick 1

- 3. Enter first letter "I" in Action Column.
- 4. Select **IMRowClick** from drop down.

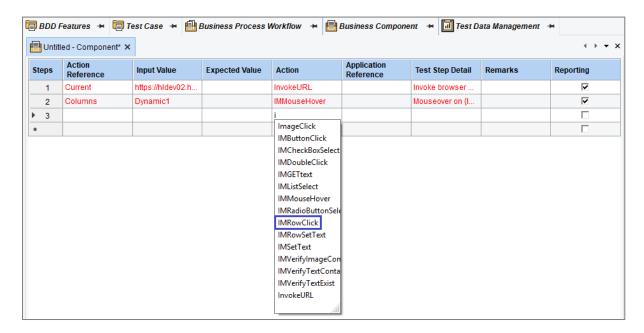


Figure 59: IMRowClick 2

The snipping tool will be activated. Click the Snipping tool icon.

- 5. Go to AUT.
- 6. Click **Snipping** tool.
- 7. Select whole row.





Figure 60: IMRowClick 3

In Keyword Script table, in **Action Reference** type Table name, image name, and row number {Table (ImageName,RowNo)}. In the example above, it will be {"TIME NORMS FOR RETAIL LOAN APPLICATIONS"(Counts,2)}

5.1.17 View IMRowClick cut image

- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.



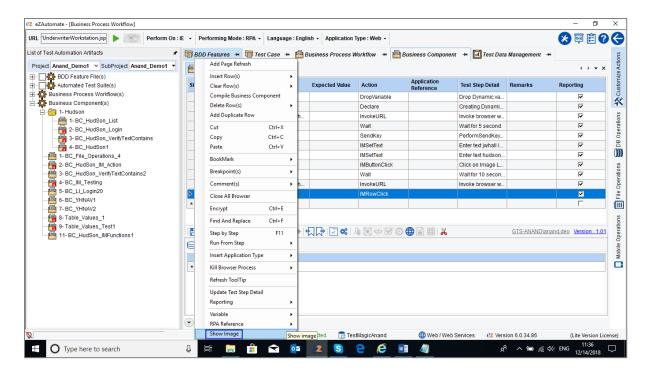


Figure 61: IMRowClick 4

5.1.18 Row Set Text (Action- IMRowSetText)

Row Set Text can be used by the IM Action- **IMRowSetText** where you want to enter value in a row of a table. Consider below example based on which you need to follow steps to capture.

- 1. Select the step in the Business Component where you want to insert IMRowSetText in Key Word Script table.
- 2. Click **Pointer** under Steps column.



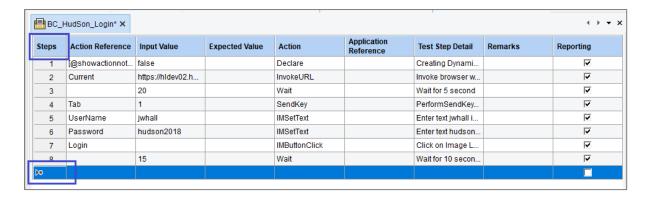


Figure 62: IMRowSetText 1

- 3. Enter first letter "I" in Action Column.
- 4. Select **IMRowSetText** from drop down.

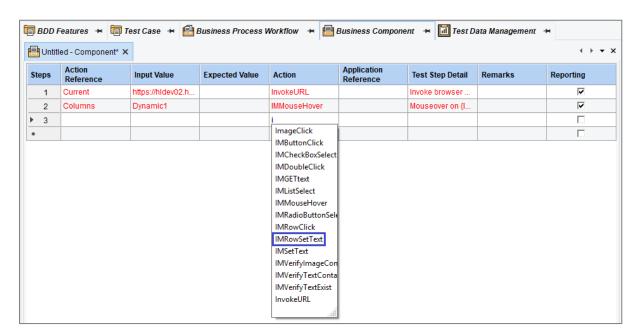


Figure 63: IMRowSetText 2

The snipping too



will be activated. Click the Snipping tool icon.



- 5. Go to AUT.
- 6. Click **Snipping** tool.
- 7. Select whole row.

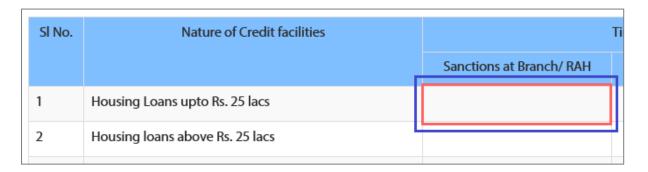


Figure 64: IMRowSetText 3

8. In Keyword Script table, in **Action Reference** type Table name, image name, and row number {Table (ImageName,RowNo)}.

5.1.19 View IMRowSetText cut image

- Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.



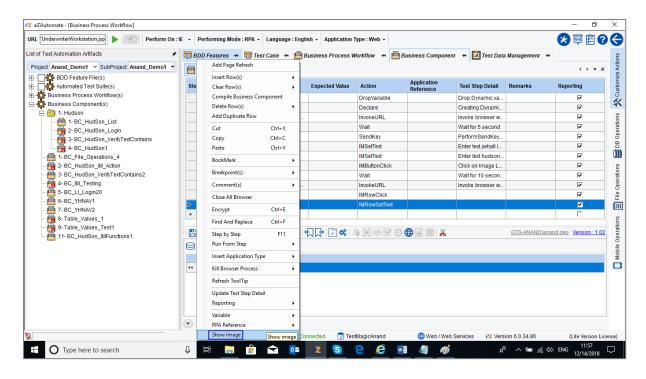


Figure 65: IMRowSetText 4

5.1.20 Double Click (Action- IMDoubleClick)

Double Click can be used by the IM Action- **IMDoubleClick** where you need to double click an image to do next steps. For example, you need to double click **Account Name** to go into the account details. Consider below example based on which you need to follow steps to capture. In this we will double click Account Name.

- 1. Select the step in the Business Component where you want to insert **IMDoubleClick** in Key Word Script table.
- 2. Click Pointer under Steps column.



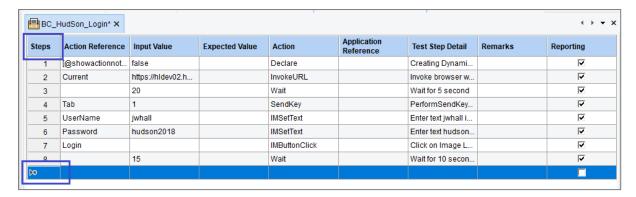


Figure 66: IMDoubleClick 1

- 3. Enter first letter "I" in Action Column.
- 4. Select IMDoubleClick from drop down.

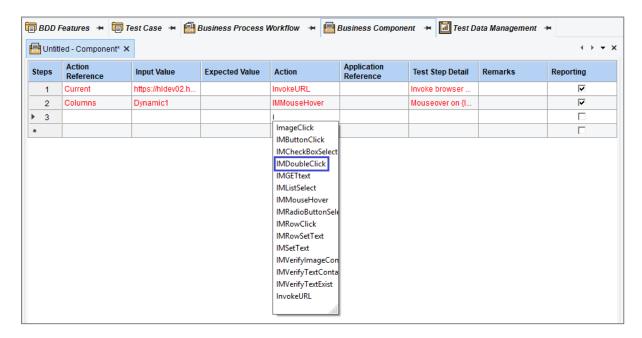


Figure 67: IMDoubleClick 2

The snipping tool



will be activated. Click the Snipping tool icon.

- 5. Go to AUT.
- 6. Click **Snipping** tool.
- 7. Select whole image.





Figure 68: IMDoubleClick 3

8. In Keyword Script table, in **Action Reference** type image name (Account name in this example).

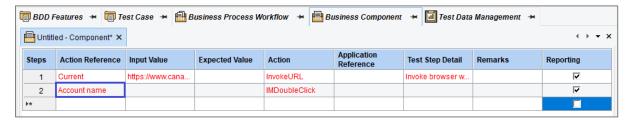


Figure 69: IMDoubleClick 4

5.1.21 View IMDoubleClick cut image

- 1. Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.



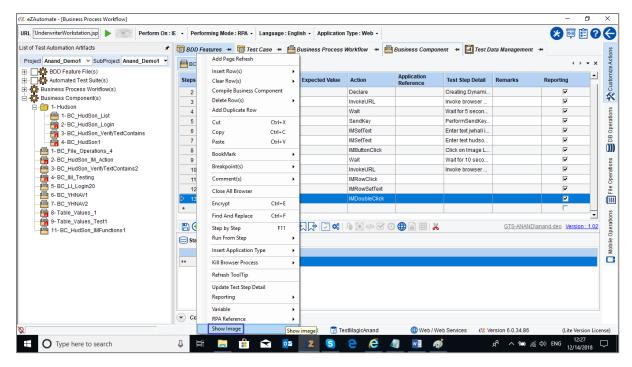


Figure 70: IMDoubleClick 4

5.1.22 GetText (Action-IMGetText)

Get Text can be used by the IM Action- **IMGetText** to get all the text on the screen into dynamic variable you define.

- 1. Select the step in the Business Component where you want to insert **IMDoubleClick** in Key Word Script table.
- 2. Click Pointer under Steps column.

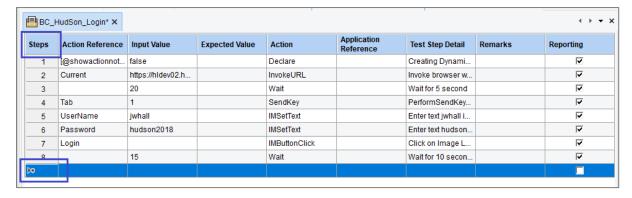


Figure 71: IMGetText 1



- 3. Enter first letter "I" in Action Column.
- 4. Select **IMGetText** from drop down.

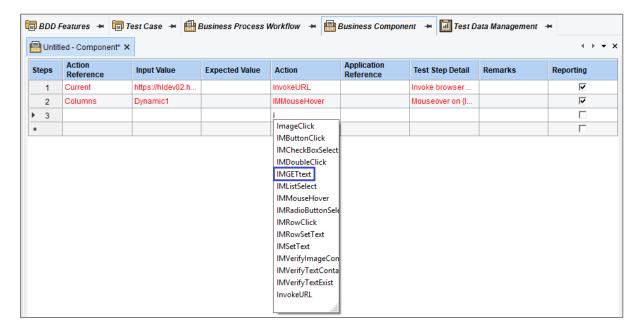


Figure 72: IMGetText 2

The snipping tool



will be activated. Click the Snipping tool icon.

- 5. Go to AUT.
- 6. Click **Snipping** tool.
- 7. Select whole screen (Image region you need text from).



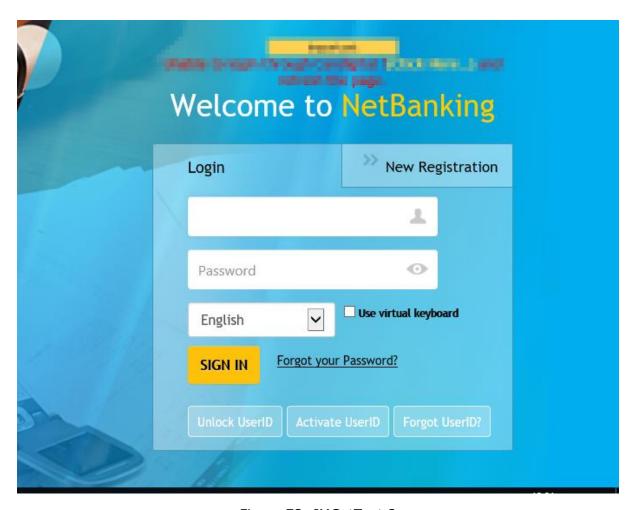


Figure 73: IMGetText 3

8. In Keyword Script table, in **Input Value** type dynamic variable name.

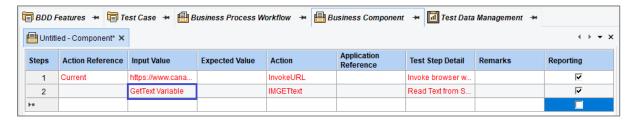


Figure 74: IMGetText 4

5.1.23 View IMGetText cut image



- 1. Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

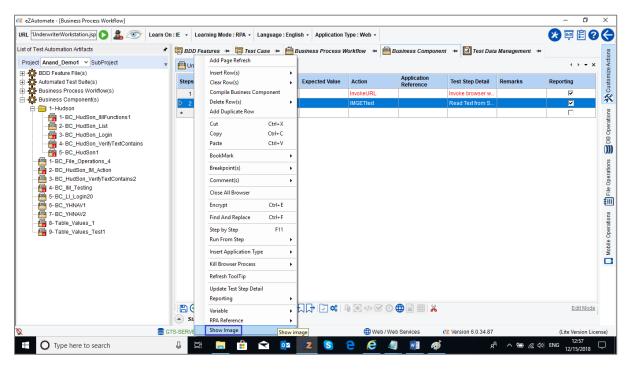


Figure 75: IMGetText 4

5.1.24 Verify Text Exist (Action- IMVerifyTextExist)

Verify Text Exist can be used by the IM Action- to verify if text exist on screen.

- 1. Select the step in the Business Component where you want to insert **IMDoubleClick** in Key Word Script table.
- 2. Click Pointer under Steps column.



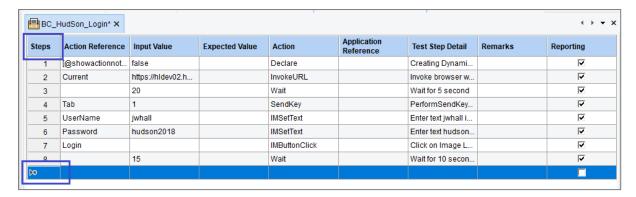


Figure 76: IMVerifyTextExist 1

- 3. Enter first letter "I" in Action Column.
- 4. Select IMVerifyText from drop down.

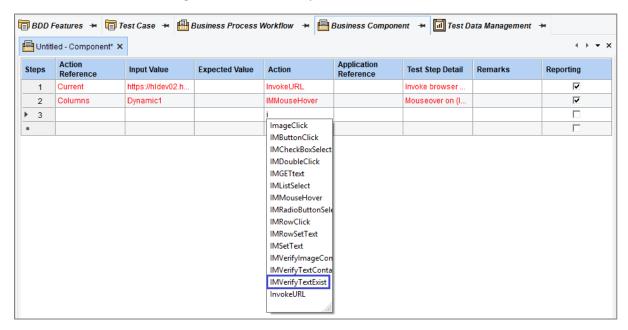


Figure 77: IMVerifyTextExist 2

The snipping tool will be activated. Click the Snipping tool icon.

- 5. Go to AUT.
- 6. Click **Snipping** tool.
- 7. Select whole screen.





Figure 78: IMVerifyTextExist 3

8. In Keyword Script table, in **Input Value** type the text to be verified. In **Expected Value** type **True** or **False**.

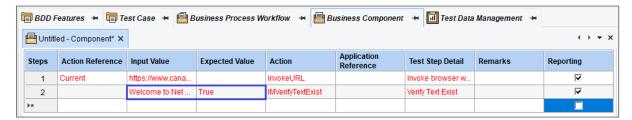


Figure 79: IMVerifyTextExist 4

5.1.25 View IMVerifyTextExist cut image

- 1. Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.



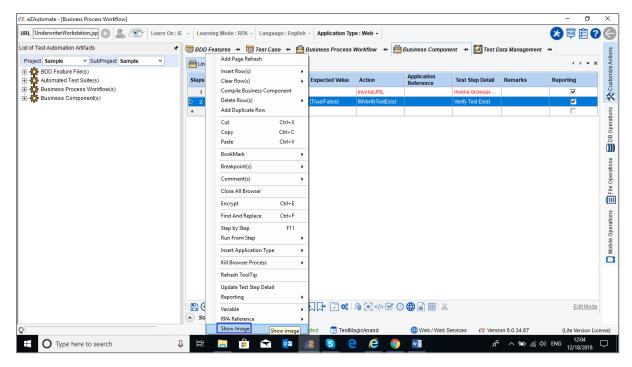


Figure 80: IMVerifyTextExist 4

5.1.26 Mouse Hover (Action- IMMouseHover)

Mouse Hover can be used by the IM Action- **IMMouseHover** to get text of an image with mouse hover action.

- 1. Select the step in the Business Component where you want to insert **IMDoubleClick** in Key Word Script table.
- 2. Click Pointer under Steps column.

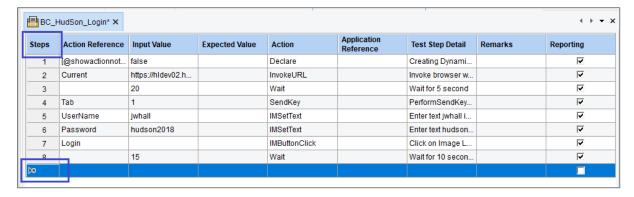


Figure 81: IMMouseHover 1



- 3. Enter first letter "I" in Action Column.
- 4. Select **IMMouseHover** from drop down.

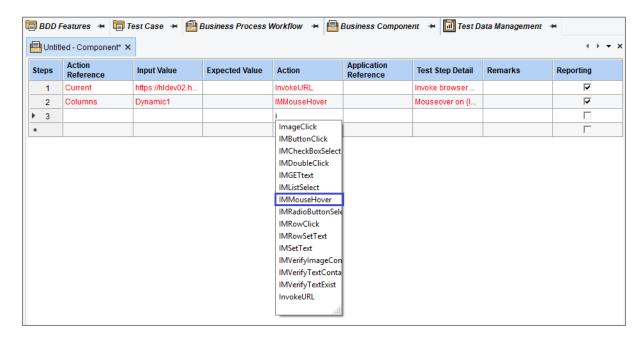


Figure 82: IMMouseHover 2

The snipping too



will be activated. Click the Snipping tool icon.

- 1. Go to AUT.
- 2. Click **Snipping** tool.
- 3. Select region of the image.
- 4. In Keyword Script table, in **Action Reference** type image name. In **Input Value** type variable name.

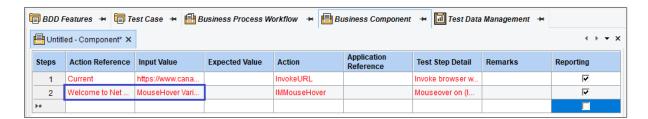


Figure 83: IMMouseHover 3

5. Place cursor in **Steps** column of the step and right click. Click **Update Test Step Detail**.



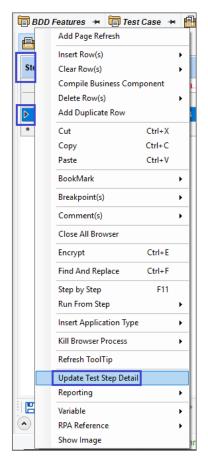


Figure 84: IMMouseHover 4

Test Step Detail column will be updated.

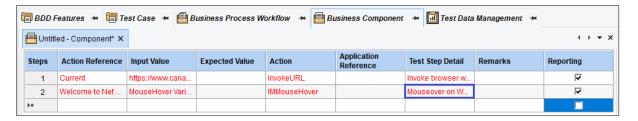


Figure 85: IMMouseHover 5

5.1.27 View IMMouseOver cut image



- 1. Select the step in Keyword Script table. Click at **Pointer** under Steps, and right click.
- 2. Click **Show Image**.

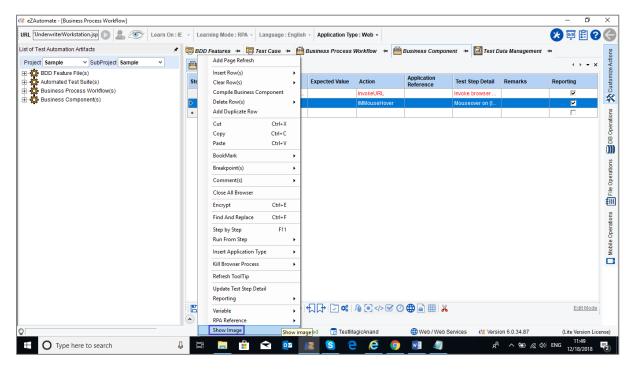


Figure 86: IMMouseHover 4



6 Performing

Performing means executing (Play back) Business Component.

6.1 Mandatory conditions

In order to get Business Component executed properly you need to make sure the below:

- 1. Execute AUT in full screen mode.
- 2. Do not touch mouse or change anything during execution, and till execution is completed.

6.2 Execute Business Component

- 1. Open eZAutomate.
- 2. Open Business Component.
- 3. In URL column put the URL of the application.
- Click Learn On (By default it will show) > Perform On > IE
 (Select other option as per requirement).



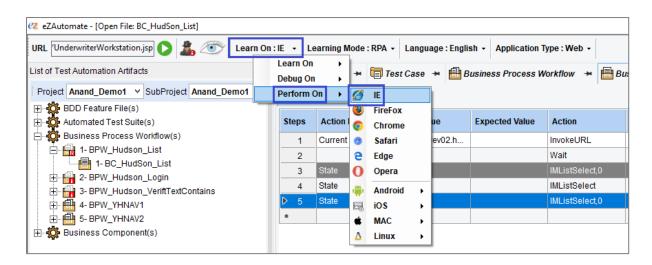


Figure 87: Performing 1

Click **Performing Mode > RPA** (Select other option as per requirement).

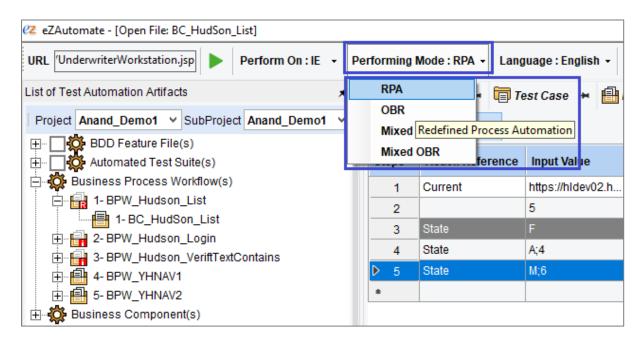


Figure 88: Performing 2

6. Click **Run now** (Execution) icon



7 Business Component execution report

When Business Component is executed, execution report is displayed.

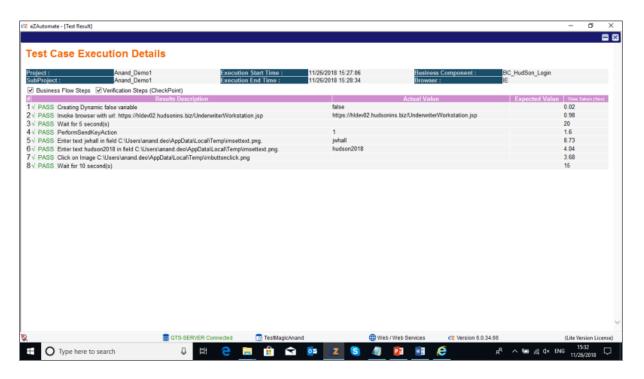


Figure 89: Execution Report



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