Business Component Execution
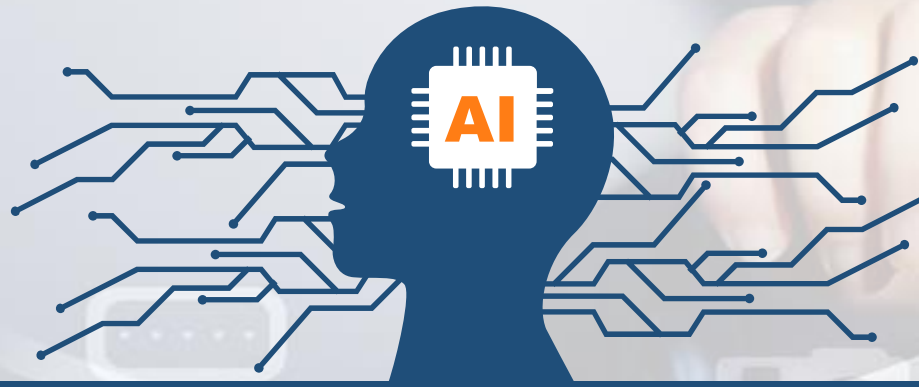
👍 **PRODUCT QUALITY** 👍 **OPERATIONAL EFFICIENCY** 👍 **TEST INFRASTRUCTURE UTILIZATION**

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Pre-requisites

For understanding the execution of Business Component, user must be clear with the following concepts:

1. Execution modes in eZAutomate.

2. Understanding of different Web Application controls and their attributes.

3. Basic knowledge on how to create Business Components.

BC execution in eZAutomate

➢ Add steps 1 and 2 at the start to invoke the specified URL in the chosen browser.

➢ Click on **Edit Mode** to save the Business Component, if anyone else has modified it previously.

➢ Save the Business Component.

BC_DemoRequest* ✕

Steps	Action Reference	InputValue	Expected Value	Action	Application Reference	Test Step Detail	Re	Re
1	[@ApplicationTy...	Web		Declare		Creating Dynamic [@ApplicationType] variable		☑
2	Current	http://www.uts-global.com		Declare		Creating Dynamic Current variable		☑
3	Request Demo			LinkClick		Click Request Demo link.		☑
4	Enter First Name	Sumi		SetText		Enter text +[FirstName]+ in field Enter First Name .		☑
5	Enter Last Name	Ajmera		SetText		Enter text Bharat in field Enter Last Name .		☑
6	Enter Email	sumi.ajmera@uts-global...		SetText		Enter text ritika.bharat@uts-global.com in field E...		☑
▶*								☐

Edit Mode 1.06

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BC execution in eZAutomate (contd.)

➢ Click on the **Learn On** button.

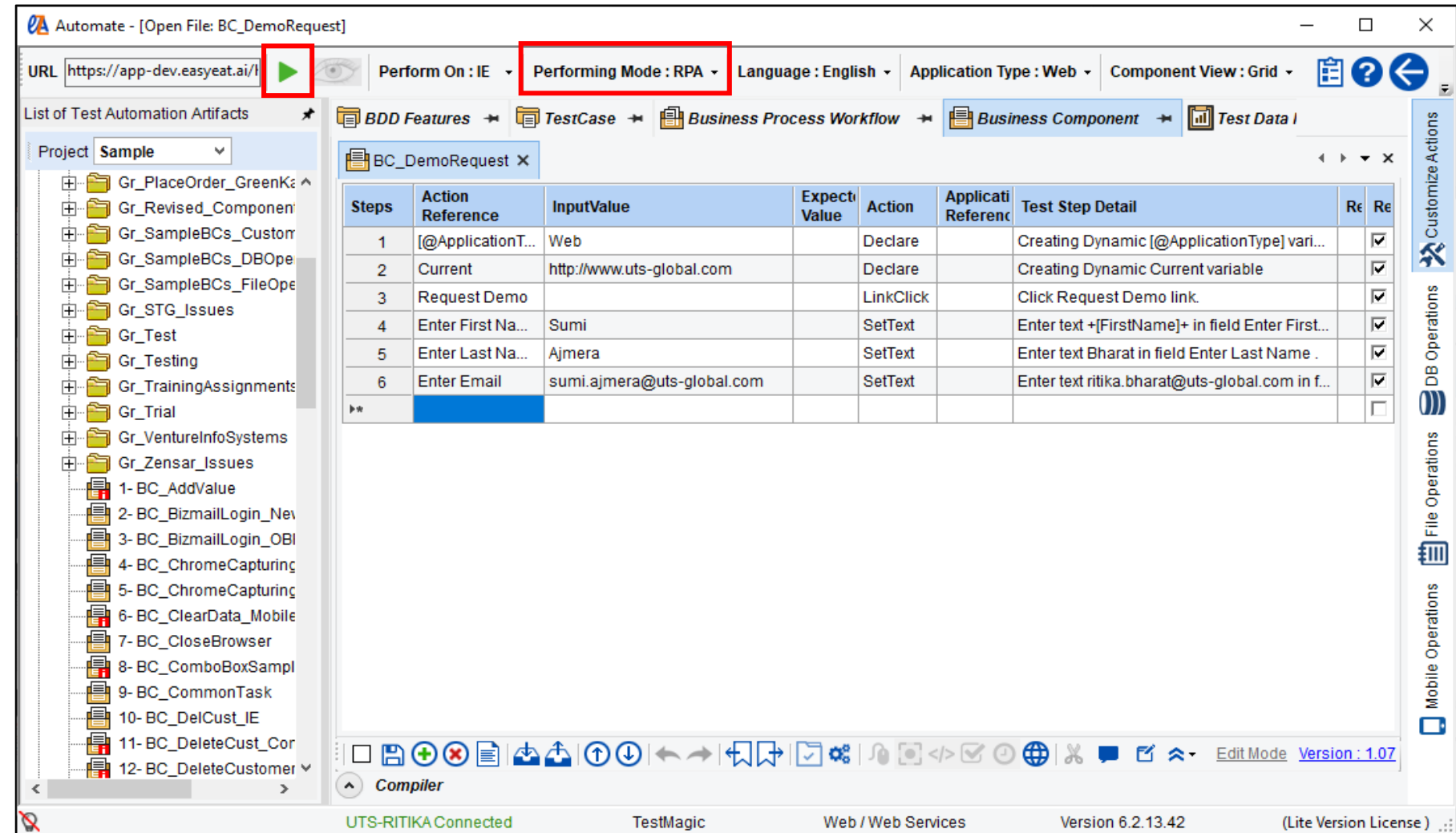➢ Select **Perform On**.

➢ Select the browser to execute the flow.

BC execution in eZAutomate (contd.)

- Click on **Performing Mode:** button.

- Select the execution mode according to requirement.

Execution Mode types:

1. **RPA**:- Redefine Process of Automation Mode (For execution based on labels for an element)

2. **Mixed**:- This is a mix of RPA + OBR execution modes.

- Click on **Run now** button to start the execution.

BC execution in eZAutomate (contd.)

- ➤ The execution will get started on the specified browser and with the specified URL.

- ➤ The execution log gets created in the **Execution Log** section.

- ➤ The execution browser window will also get appeared automatically. The labels are getting filled as per the flow in the Business Component.

BC execution result

➢ After the Business Component execution is completed, the report will be generated.

➢ Verify the output result.

➢ Click on the **PAGE** link to check the screenshot of the AUT.

Test Case Execution Details - **Project: Sample**   **Sub Project: Sample**

Execution Time: 02-25-2022 16:36:24 - 02-25-2022 16:40:20 | **Browser/Device:** Chrome

☑ Business Flow Steps ☑ Verification Steps (CheckPoint)

Business Component: BC_DemoRequest

#	Status	Description	Input Value	Actual Value	Expected Value	Time(S)
1	√ PASS	Creating Dynamic [@ApplicationType] variable	Web			0
2	√ PASS	Creating Dynamic Current variable	http://www.uts-global.com			0
3	√ PASS	Click Request Demo link. PAGE				32.43
4	√ PASS	Enter text Sumi in field Enter First Name . PAGE				0.4
5	√ PASS	Enter text Ajmera in field Enter Last Name . PAGE				0.3
6	X FAIL	Enter text sumi.ajmera@uts-global.com in field Enter Email . PAGE				0.3

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Breakpoint/Step By Step BC Execution

Step By Step Execution/Breakpoint

➢ One may require to execute a Business Component step-by-step to monitor each step.

It can be achieved through the **Step By Step or Breakpoint** option in the keyword table menu bar.
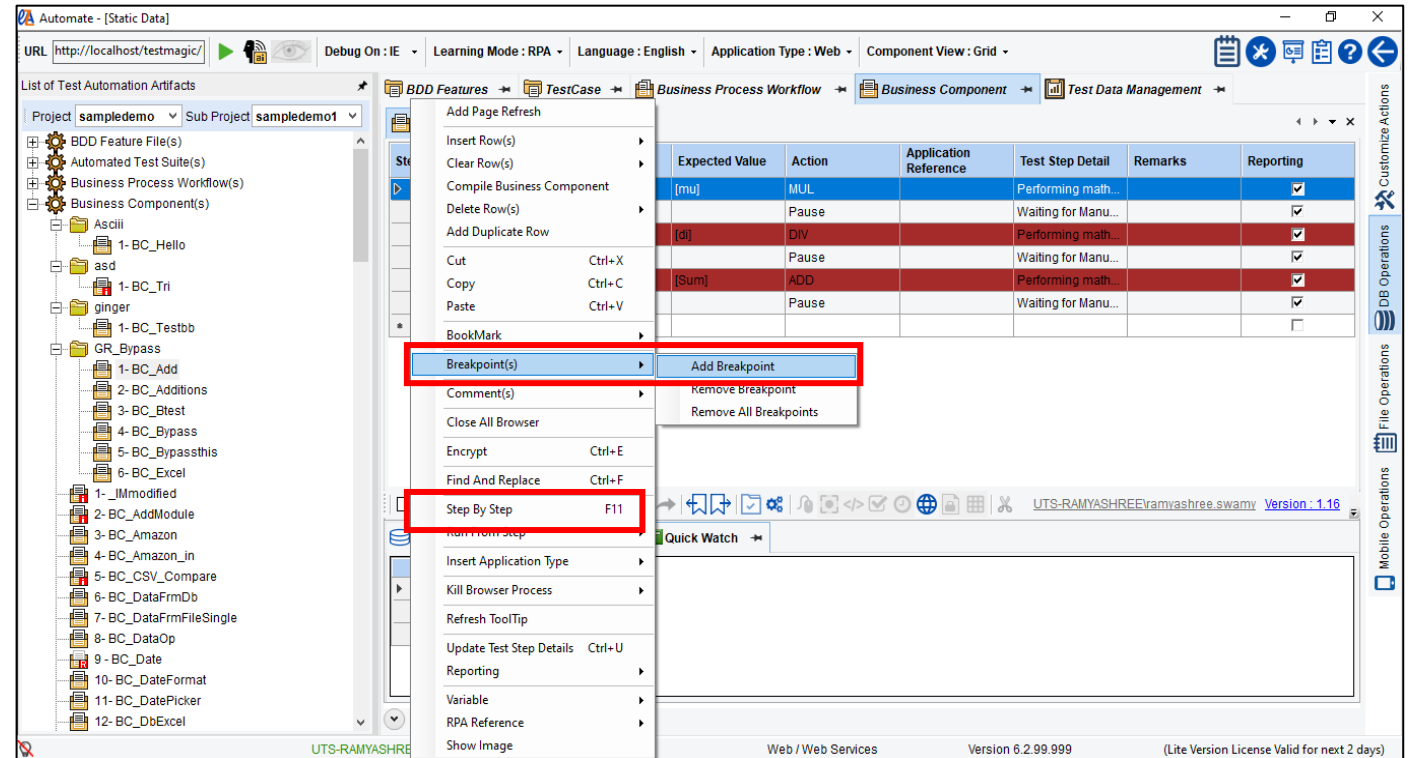
It will execute the flow one step only at a time, and to execute the next step you have to again click **Run now**.

Both have same functionality, but the only difference is that if Breakpoint is applied, the execution will stop only at those steps, but in **Step By Step**, the whole flow will execution one step at a time.
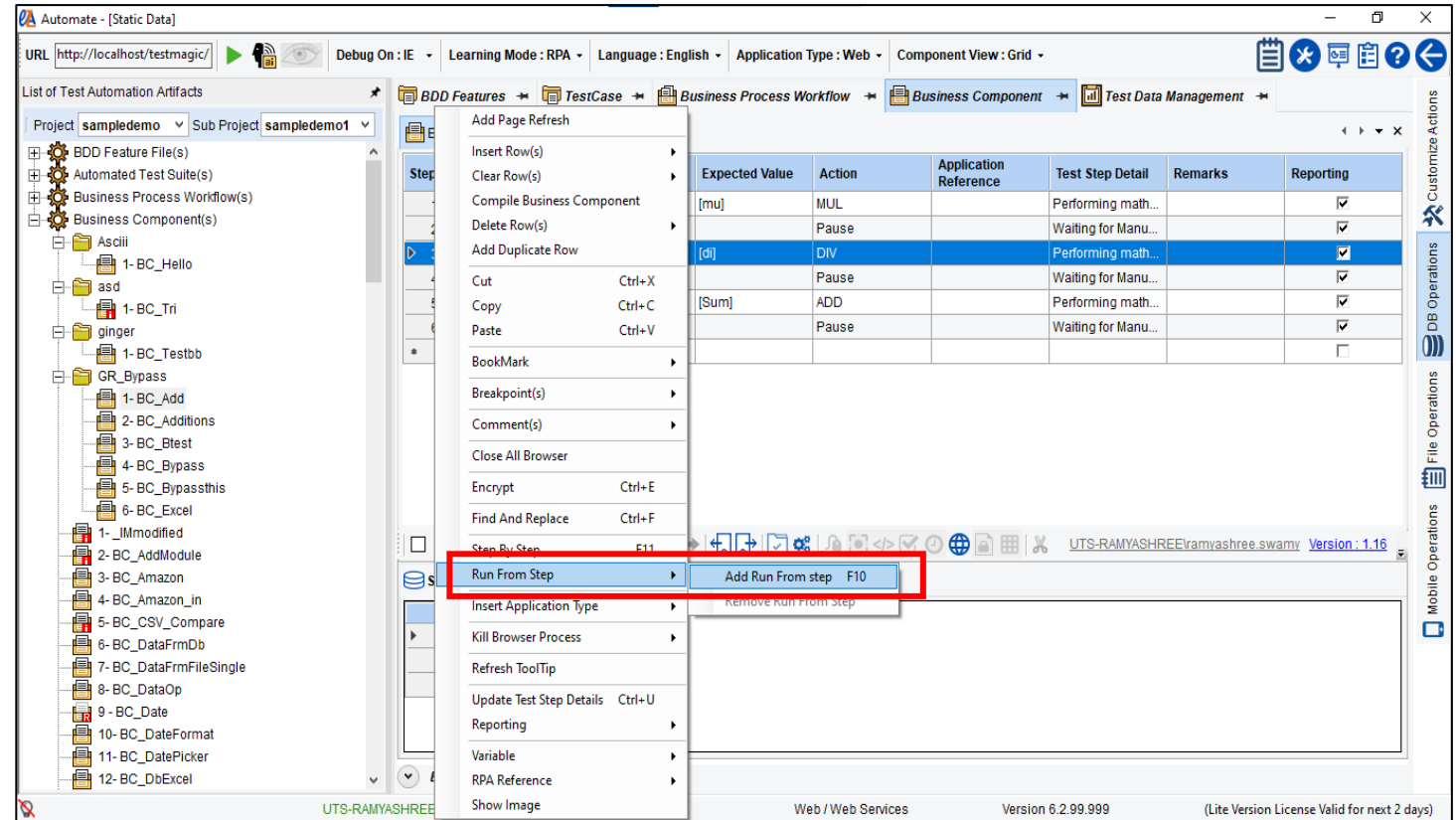
Follow below steps to add breakpoints:

➢ Right click on the step.

➢ The menu will appear. Choose either **Step By Step** or **Breakpoints(s)**>**Add Breakpoint**.

*Shortcut key for **Step By Step** is **F11**.*

Run From Step

- This function is used while debugging.

- For example, if there are 6 steps in **Business Component** and you want to make a change in step number 4 and want re-run the Business Component from step number 4

- Select a step in the **Business Component** from where execution should continue, Right click and go to **Run From Step** and click **Add Run From Step**.

- You can make use of shortcut key by pressing **F10** to add **Run From Step.**

Run From Step

➤ The script will start execution from the 3rd step for the given keyword script table example.

➤ As you can see, the step where **Run From Step** is applied, will get highlighted with green colour.

Thank you for your time and patience

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