

eZAutomate 6.2 Overview



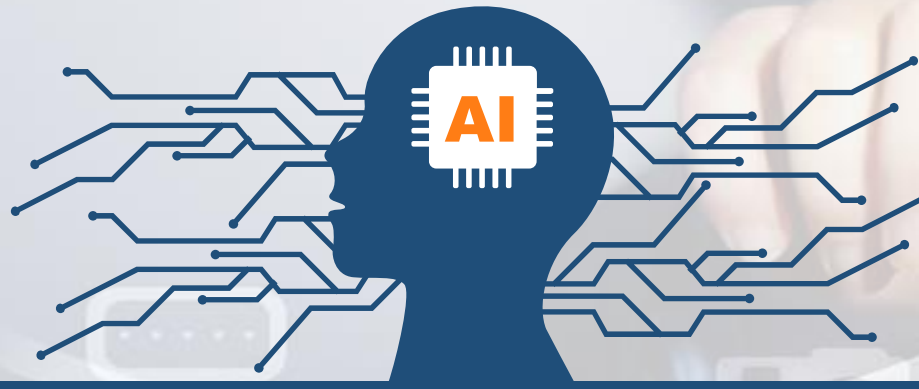
PRODUCT QUALITY



OPERATIONAL EFFICIENCY



TEST INFRASTRUCTURE UTILIZATION



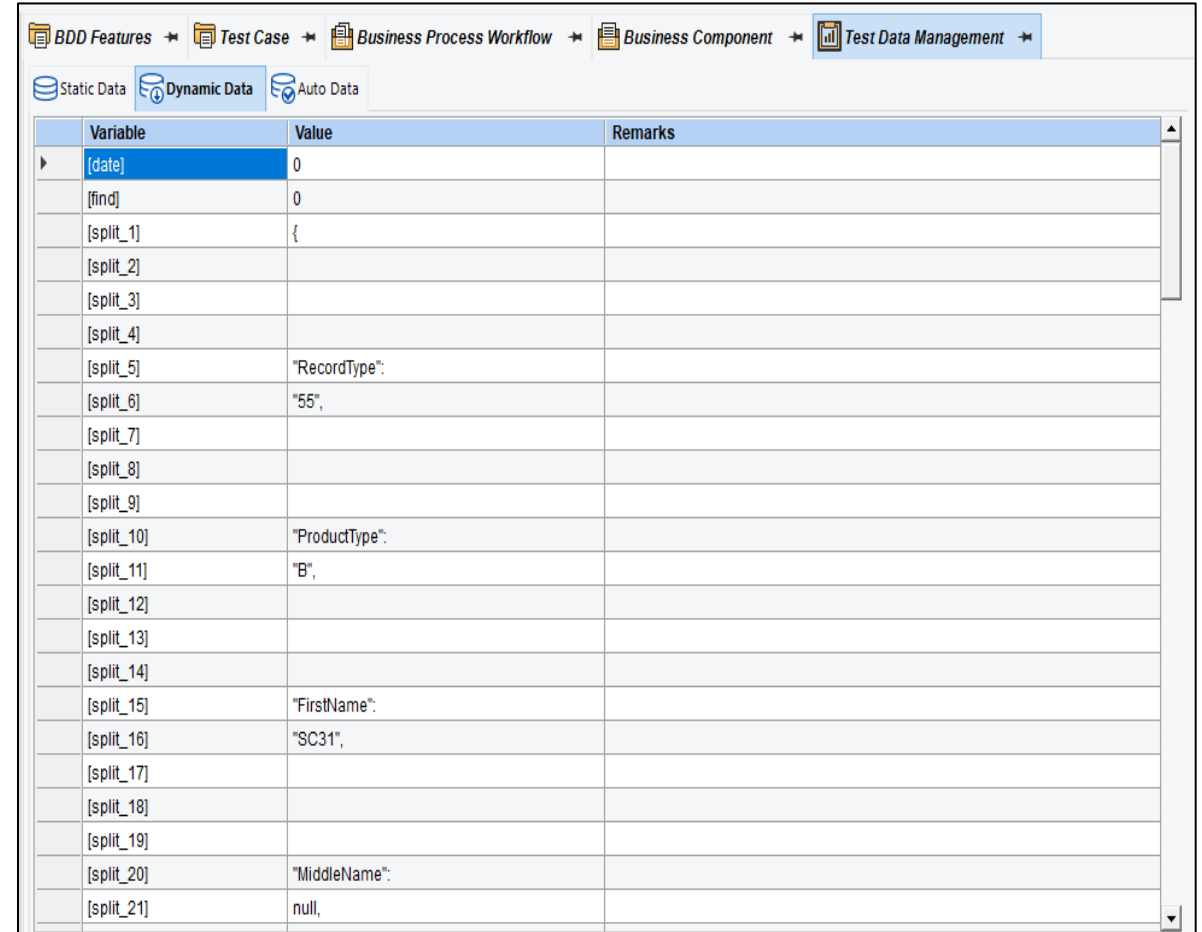
Universal Technology Solutions



Universal Technology Solutions, Confidential and proprietary. All rights reserved worldwide

Dynamic Data Parameterization

- A dynamic variable is a run-time variable, which is defined for a generated output value while executing a business component.
- Dynamic variables with specific values can also be created to verify a default value or generate a random number. As the name suggests, the value of dynamic variable can change for every instance of execution.
- eZAutomate has five types of dynamic variables:
 1. Local Dynamic variable
 2. Global Dynamic variable
 3. Reserve Dynamic variable
 4. Environment Dynamic variable
 5. List Dynamic variable



The screenshot displays the 'Test Data Management' window in eZAutomate. It features a breadcrumb trail at the top: 'BDD Features' > 'Test Case' > 'Business Process Workflow' > 'Business Component' > 'Test Data Management'. Below this, there are three tabs: 'Static Data', 'Dynamic Data' (which is selected), and 'Auto Data'. The main area contains a table with three columns: 'Variable', 'Value', and 'Remarks'. The table lists 21 dynamic variables, each with a unique name and a specific value.

Variable	Value	Remarks
[date]	0	
[find]	0	
[split_1]	{	
[split_2]		
[split_3]		
[split_4]		
[split_5]	"RecordType":	
[split_6]	"55",	
[split_7]		
[split_8]		
[split_9]		
[split_10]	"ProductType":	
[split_11]	"B",	
[split_12]		
[split_13]		
[split_14]		
[split_15]	"FirstName":	
[split_16]	"SC31",	
[split_17]		
[split_18]		
[split_19]		
[split_20]	"MiddleName":	
[split_21]	null,	

Local Dynamic Variable

- This variable will be saved in local machine and will only be used when TestCase is running on that machine
- How to declare ?
 1. Go to **Variable Operations** under **Customize Actions**.
 2. Click on **Declare** radio button.
 3. Select **Variable Scope** as **Local**.
 4. . In **Dynamic Variable**, enter the name of the variable. It is user defined.
 5. In **Value/Variable**, enter the value which you want to store in the variable or the variable name whose value you want to use in this variable too.

Variable Operations

☒ Declare

☐ Drop

☐ Verify

☐ GetRandomValue

☐ Reserved Variables

Variable Scope

Local

Dynamic Variable

[var1]

Value/Variable

12

Steps	Action Reference	Input Value	Expected Value	Action
1	[var]	20		Declare
▶▶				

Note: Dynamic variables are represented within square brackets in Keyword Script Table []

Global Dynamic Variable

- This variable will be used by all testcase which belongs to same TestMagic database.
- How to declare ?
 1. Go to **Variable Operations** under **Customize Actions**.
 2. Click on **Declare** radio button.
 3. Select **Variable Scope** as **Global**.
 4. In **Dynamic Variable**, enter the name of the variable. It is user defined.
 5. **Value/Variable**, enter the value which you want to store in the variable or the variable name whose value you want to use in this variable too.

Variable Operations

☒ Declare

☐ Drop

☐ Verify

☐ GetRandomValue

Variable Scope

Global

Dynamic Variable

[var2]

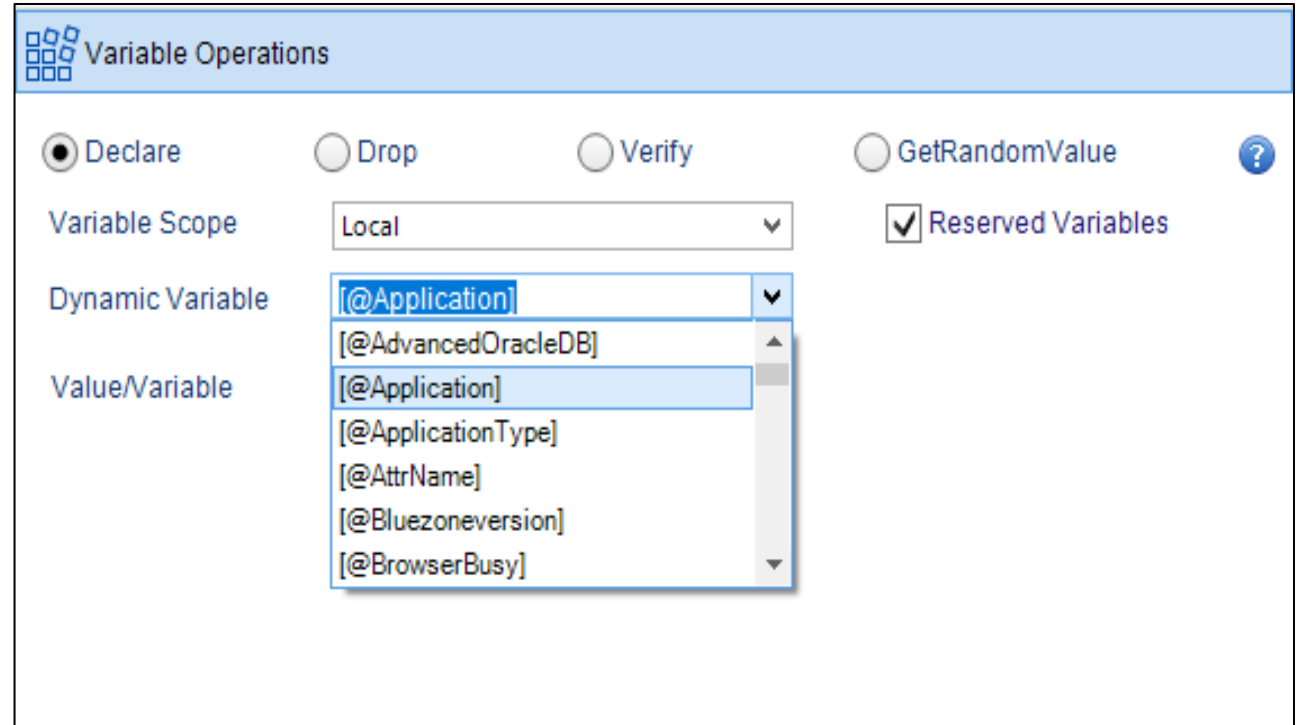
Value/Variable

13

Steps	Action Reference	Input Value	Expected Value	Action
1	[GlobalVar]	20		DeclareGlobal
▶▶				

Reserved Dynamic Variable

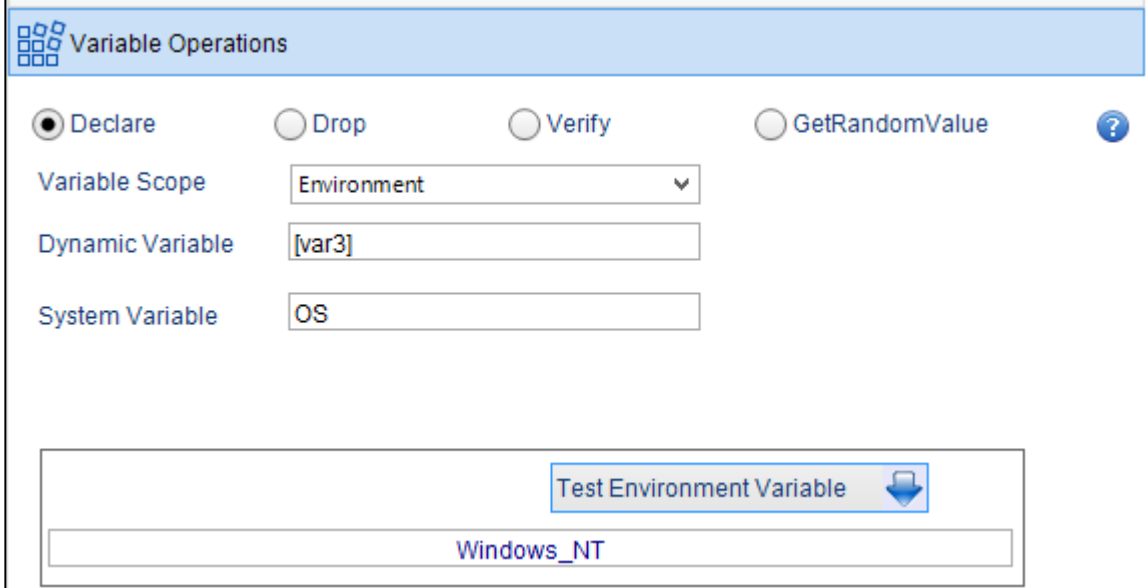
- Reserved dynamic variables are those dynamic variables that are pre-defined in eZAutomate. These variables have fixed respective functions to perform. Neither these functions can be changed, nor their names.
- Select **Reserved Variables** checkbox to avail dropdown list for reserved variables.
- User can select reserved variables from the dropdown list.



The screenshot shows the 'Variable Operations' dialog box. It has a title bar with a grid icon and the text 'Variable Operations'. Below the title bar, there are four radio buttons: 'Declare' (selected), 'Drop', 'Verify', and 'GetRandomValue'. To the right of the 'GetRandomValue' button is a question mark icon. Below the radio buttons, there is a 'Variable Scope' dropdown menu set to 'Local'. To the right of the 'Variable Scope' dropdown is a checkbox labeled 'Reserved Variables' which is checked. Below the 'Variable Scope' dropdown is a 'Dynamic Variable' dropdown menu. The 'Value/Variable' dropdown menu is open, showing a list of reserved variables: '@Application', '@AdvancedOracleDB', '@Application', '@ApplicationType', '@AttrName', '@Bluezoneversion', and '@BrowserBusy'. The '@Application' variable is highlighted in blue.

Environment Dynamic Variable

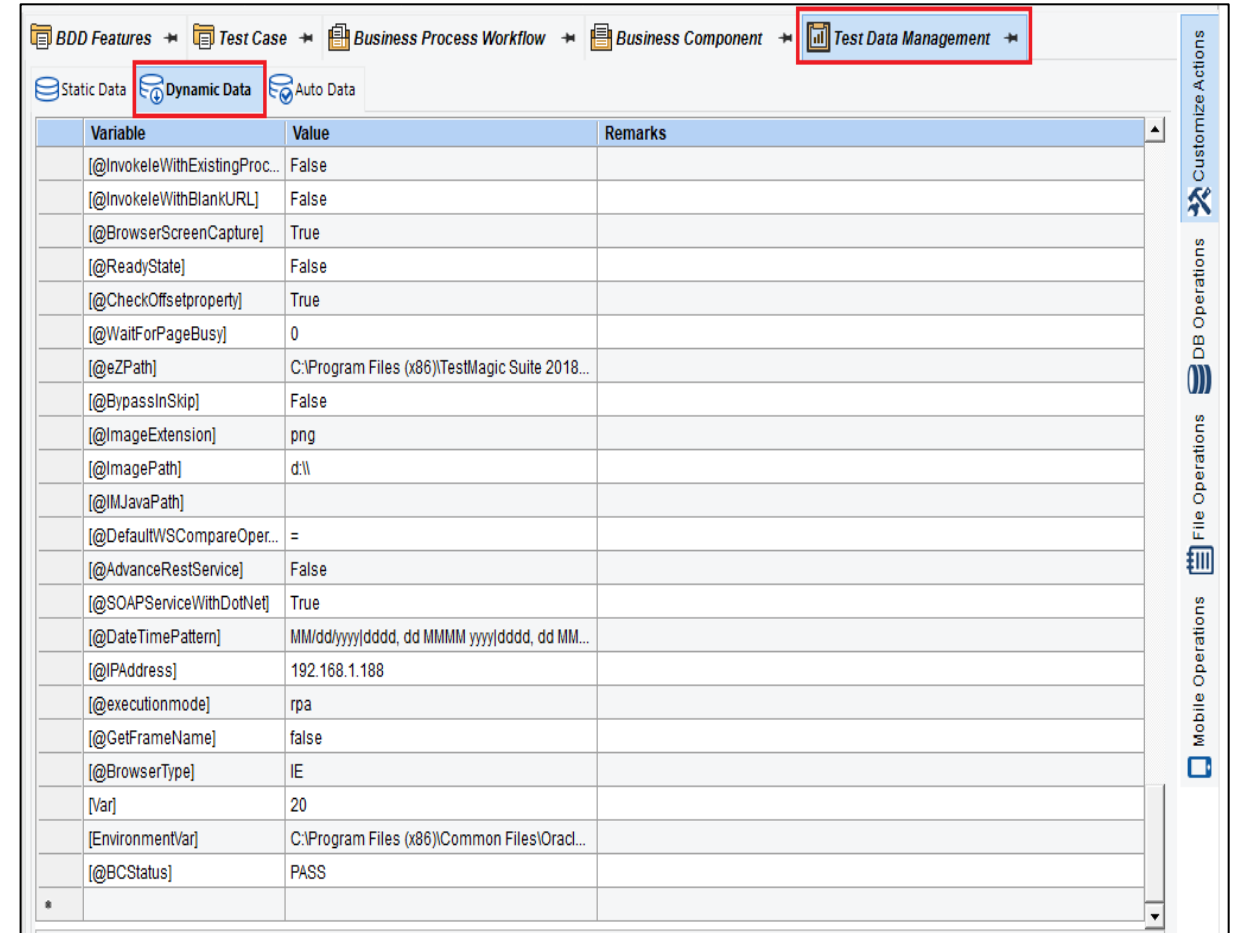
- An environmental variable is a type of static variable that is defined as per the technical and functional environment of the AUT and the machine.
- How does it work ?
 1. Define **Dynamic Variable** name.
 2. Define **System Variable**, stored on your machine, of the environment that you want to use.
 3. Click on **Test Environment Variable**, it will bring value for the defined variables for the selected system variable stored on your machine.



The screenshot shows a software interface titled "Variable Operations". It features four radio buttons: "Declare" (selected), "Drop", "Verify", and "GetRandomValue". Below these are three input fields: "Variable Scope" with a dropdown menu showing "Environment", "Dynamic Variable" with the text "[var3]", and "System Variable" with the text "OS". At the bottom, there is a button labeled "Test Environment Variable" with a download icon, and a text box below it containing the value "Windows_NT".

Viewing Dynamic Variable

- User can execute and view the dynamic variables saved in **Test Data Management** tab.



BDD Features * Test Case * Business Process Workflow * Business Component * Test Data Management *			
Static Data Dynamic Data Auto Data			
Variable	Value	Remarks	
[@InvokeWithExistingProc...	False		
[@InvokeWithBlankURL]	False		
[@BrowserScreenCapture]	True		
[@ReadyState]	False		
[@CheckOffsetproperty]	True		
[@WaitForPageBusy]	0		
[@eZPath]	C:\Program Files (x86)\TestMagic Suite 2018...		
[@BypassInSkip]	False		
[@ImageExtension]	png		
[@ImagePath]	d:\		
[@IMJavaPath]			
[@DefaultWSCCompareOper...	=		
[@AdvanceRestService]	False		
[@SOAPServiceWithDotNet]	True		
[@DateTimePattern]	MM/dd/yyyy/dddd, dd MMMM yyyy/dddd, dd MM...		
[@IPAddress]	192.168.1.188		
[@executionmode]	rpa		
[@GetFrameName]	false		
[@BrowserType]	IE		
[Var]	20		
[Environment\Var]	C:\Program Files (x86)\Common Files\Orac...		
[@BCStatus]	PASS		
*			

Thank you for your time and patience



**Testing tomorrow's business
by Innovating Possibilities**

TestMagic
An Innovative Test Solution

eAutomate
beyond the obvious...

For more information contact, testmagic@uts-global.com

