

eZAutomate Search Preferences



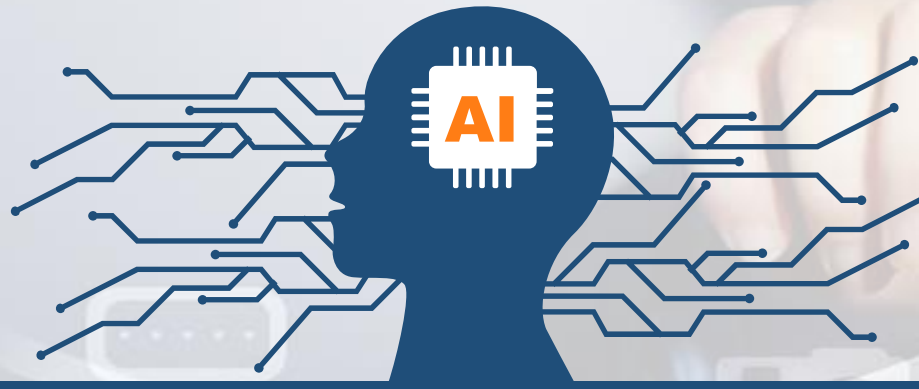
PRODUCT QUALITY



OPERATIONAL EFFICIENCY



TEST INFRASTRUCTURE UTILIZATION



Universal Technology Solutions



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Pre-requisites

For understanding eZAutomate Search preferences, user must have knowledge of:-

The following concepts:

1. Capturing/Learning modes in eZAutomate.
2. Execution Modes in eZAutomate.
3. Understanding of different Web Application Controls and their attributes.



Quick Recap of Capturing and Execution Modes

Brief overview of Learning and Execution Modes in eZAutomate :

➤ Learning Modes

- **RPA** (Redefined Process of Automation): RPA is used to capture the object using visual references (labels).

➤ Execution Modes

- **RPA** mode: If the capturing mode is RPA, the execution mode can be selected as RPA.
- **Mixed** mode: If the capturing mode is combination of OBR(Object Recognition- unique internal properties are considered instead of visual references) and RPA then select execution mode as Mixed.

Search Preferences in eZAutomate

This setting helps the user to customize the search preferences and search order of controls on webpage

Note : These settings are only applicable while using the RPA mode for Capturing and Execution of TM Scripts. It is not applicable under OBR mode.

The screenshot shows the 'eZ Settings' dialog box with the 'Search Configuration' tab selected. The 'RPA' sub-tab is active. At the top, 'Application Logical Reference' is set to 'Default'. Below this, the 'Search Preference' section contains two panels: 'Textbox' and 'Image'. The 'Textbox' panel has checkboxes for 'Placeholder', 'Label', 'Value', and 'Title', all of which are checked. The 'Image' panel has checkboxes for 'Title' and 'Alt', both checked. Below these panels is the 'Search Order' section, which contains four sub-sections: 'Textbox', 'Radio Button', 'Listbox', and 'Checkbox'. Each sub-section has two radio buttons: 'Right To Left' and 'Left To Right'. For 'Textbox', 'Listbox', and 'Checkbox', 'Right To Left' is selected. For 'Radio Button', 'Left To Right' is selected. At the bottom right of the 'Search Configuration' section is an 'Apply' button. At the very bottom of the dialog box are three buttons: 'Open Log Folder', 'Cache Cleaner', and 'Close'.

eZ Settings

Execution Search Configuration

RPA

Application Logical Reference Default

Search Preference

Textbox

- ☒ Placeholder
- ☒ Label
- ☒ Value
- ☒ Title

Image

- ☒ Title
- ☒ Alt

Search Order

Textbox

- ☒ Right To Left
- ☐ Left To Right

Radio Button

- ☐ Right To Left
- ☒ Left To Right

Listbox

- ☒ Right To Left
- ☐ Left To Right

Checkbox

- ☐ Right To Left
- ☒ Left To Right

Notes*

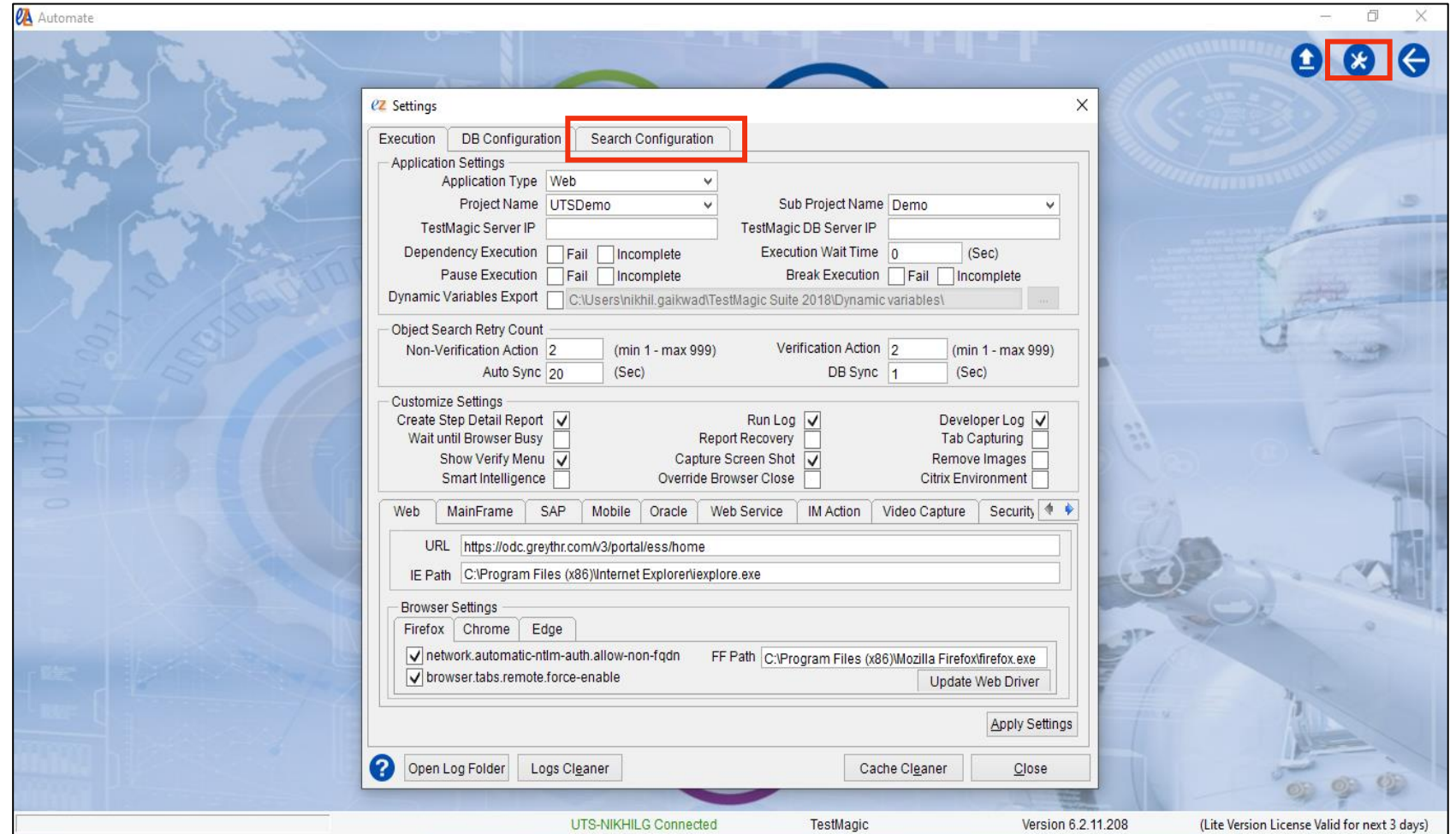
1. Right To Left : Label that needs to be captured must be on left side of the clicked object.
2. Left To Right : Label that needs to be captured must be on right side of the clicked object.

Apply

Open Log Folder Cache Cleaner Close

Search Configuration Settings Navigation

- Click on **Setting** button.
- Search **Configuration** tab.



Application Logical Reference

- **Default** value is displayed for **Application Logical Reference**.
- User can't change or edit the settings when the option selected is **Default**.

The screenshot shows the 'EZ Settings' window with the 'Search Configuration' tab selected. Under the 'RPA' section, the 'Application Logical Reference' is set to 'Default'. Below this, there are two search preference sections: 'Textbox' and 'Image'. The 'Textbox' section has a list with 'Placeholder', 'Label', 'Value', and 'Title', all of which are checked. The 'Image' section has a list with 'Title' and 'Alt', both of which are checked. Below these are four 'Search Order' sections: 'Textbox', 'Radio Button', 'Listbox', and 'Checkbox'. Each section has two radio buttons: 'Right To Left' and 'Left To Right'. In the 'Textbox' and 'Listbox' sections, 'Right To Left' is selected. In the 'Radio Button' and 'Checkbox' sections, 'Left To Right' is selected. Below the search order sections is a 'Notes*' section with two numbered points: '1. Right To Left : Label that needs to be captured must be on left side of the clicked object.' and '2. Left To Right : Label that needs to be captured must be on right side of the clicked object.' At the bottom of the RPA section is a 'Send Key' dropdown menu set to 'Normal'. An 'Apply' button is located at the bottom right of the RPA section. At the very bottom of the window are four buttons: a help button (question mark icon), 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close'.

Application Logical Reference

- If the capture approach (object label) is different than the default, then user can create a new **Application Logical Reference**.
- Under **Application Logical Reference**, select **<New>** from the list. List will display all the **Application Logical Reference** created earlier along with **<New>**.

The screenshot shows the 'Settings' dialog box with the 'Search Configuration' tab selected. The 'RPA' section is active, showing the 'Application Logical Reference' dropdown set to '<New>' and a text field containing 'Demo'. Below this, the 'Search Preference' section has two columns: 'Textbox' and 'Image'. The 'Textbox' column has checkboxes for 'Placeholder', 'Label', 'Value', and 'Title', all of which are checked. The 'Image' column has checkboxes for 'Title' and 'Alt', both of which are checked. Below these, the 'Search Order' section has four groups of radio buttons: 'Textbox' (Right To Left selected), 'Radio Button' (Left To Right selected), 'Listbox' (Right To Left selected), and 'Checkbox' (Left To Right selected). A 'Notes*' section follows with two numbered points: '1. Right To Left : Label that needs to be captured must be on left side of the clicked object.' and '2. Left To Right : Label that needs to be captured must be on right side of the clicked object.' Below the notes is a 'Send Key' dropdown set to 'Normal'. An 'Apply' button is located at the bottom right of the RPA section. At the very bottom of the dialog, there are buttons for '?', 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close'.

Search Preference Settings

- Search preference settings are available for Textbox and Image controls.
- These settings help eZAutomate to give priority to different attributes like labels, placeholder, titles and values during object search.
- Different applications have different sets of controls and attributes defined. eZAutomate while capturing and execution of TM scripts can take the attributes and the order of attributes based on the settings specified.
- User can also change the order by clicking on up down arrows keys.

The screenshot shows the 'eZ Settings' window with the 'Search Configuration' tab selected. The 'RPA' section is active, showing 'Application Logical Reference' set to 'Default'. Under 'Search Preference', there are two panels: 'Textbox' and 'Image'. The 'Textbox' panel has checkboxes for 'Placeholder', 'Label', 'Value', and 'Title', all of which are checked. The 'Image' panel has checkboxes for 'Title' and 'Alt', both of which are checked. Below these are 'Search Order' settings for 'Textbox', 'Radio Button', 'Listbox', and 'Checkbox'. Each has two radio button options: 'Right To Left' and 'Left To Right'. For 'Textbox', 'Listbox', and 'Checkbox', 'Right To Left' is selected. For 'Radio Button', 'Left To Right' is selected. A 'Notes*' section contains two instructions: '1. Right To Left : Label that needs to be captured must be on left side of the clicked object.' and '2. Left To Right : Label that needs to be captured must be on right side of the clicked object.' At the bottom, there is a 'Send Key' dropdown set to 'Normal' and an 'Apply' button. The footer of the window contains a help icon, 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close' buttons.

Search Preference Settings (contd.)

- Textbox having '**Placeholder**' for the expected value.
- Select '**Placeholder**' as search preference and make it the first item in list under textbox search preferences.

Sign Up

First Name

Last Name

Email

Password

Already a member? [Log In](#)

Search Preference Settings (contd.)

- 1. Textbox having '**Label**' for expected for the expected value.
- 2. Select '**Label**' as search preference and make it the first item in list under textbox Search preferences.

Full name

Username

Your URL: <http://twitter.com/USERNAME>

Password

Email

☒ I want the inside scoop—please send me email updates!

Search Order Settings

- User need to select **Right To Left** or **Left To Right** based on the direction of controls on the web page.
- **Right To Left**: The label that needs to be captured must be on the left side of the searchable object.
- **Left to Right**: The label that needs to be captured must be on the right side of the searchable object.

EZ Settings

Execution DB Configuration Search Configuration

RPA

Application Logical Reference Default

Search Preference

Textbox

- ☒ Placeholder
- ☒ Label
- ☒ Value
- ☒ Title

Image

- ☒ Title
- ☒ Alt

Search Order

Textbox

☒ Right To Left
☐ Left To Right

Radio Button

☐ Right To Left
☒ Left To Right

Listbox

☒ Right To Left
☐ Left To Right

Checkbox

☐ Right To Left
☒ Left To Right

Notes*

1. Right To Left : Label that needs to be captured must be on left side of the clicked object.
2. Left To Right : Label that needs to be captured must be on right side of the clicked object.

Send Key

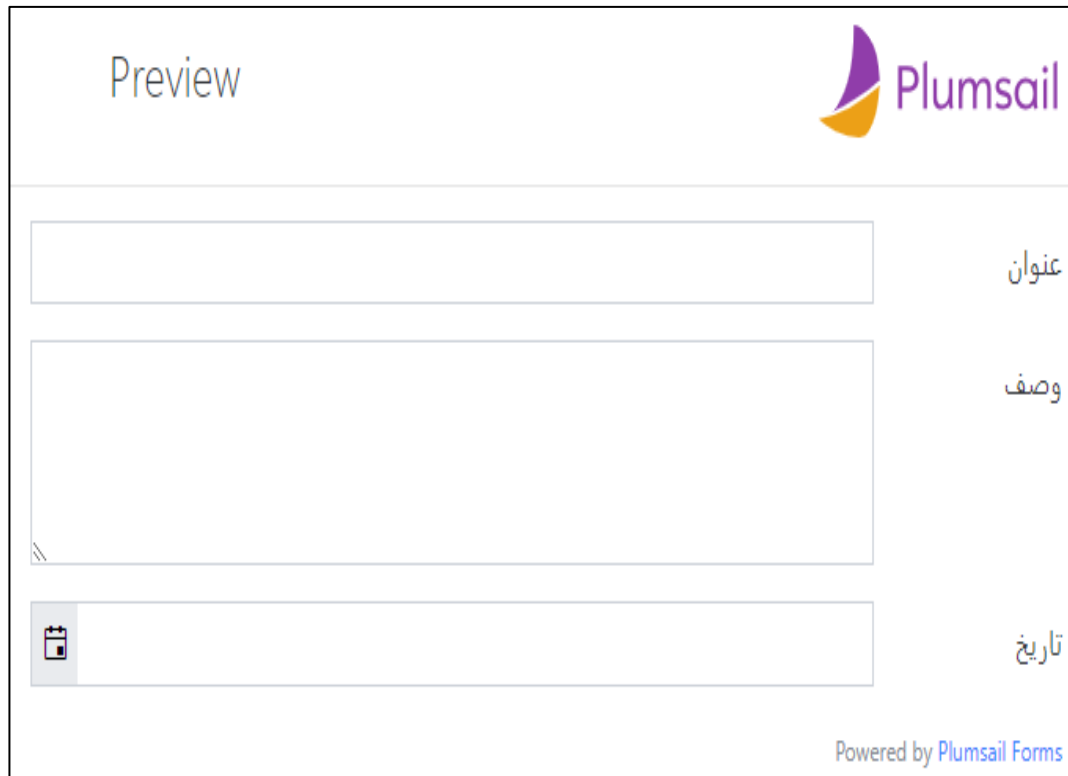
Normal

Apply

? Open Log Folder Logs Cleaner Cache Cleaner Close

Search Order Settings (contd.)

- Labels needs to be captured is present at left side of the control
- User need to set the **Search Order : Right to Left**



Preview

Plumsail

عنوان

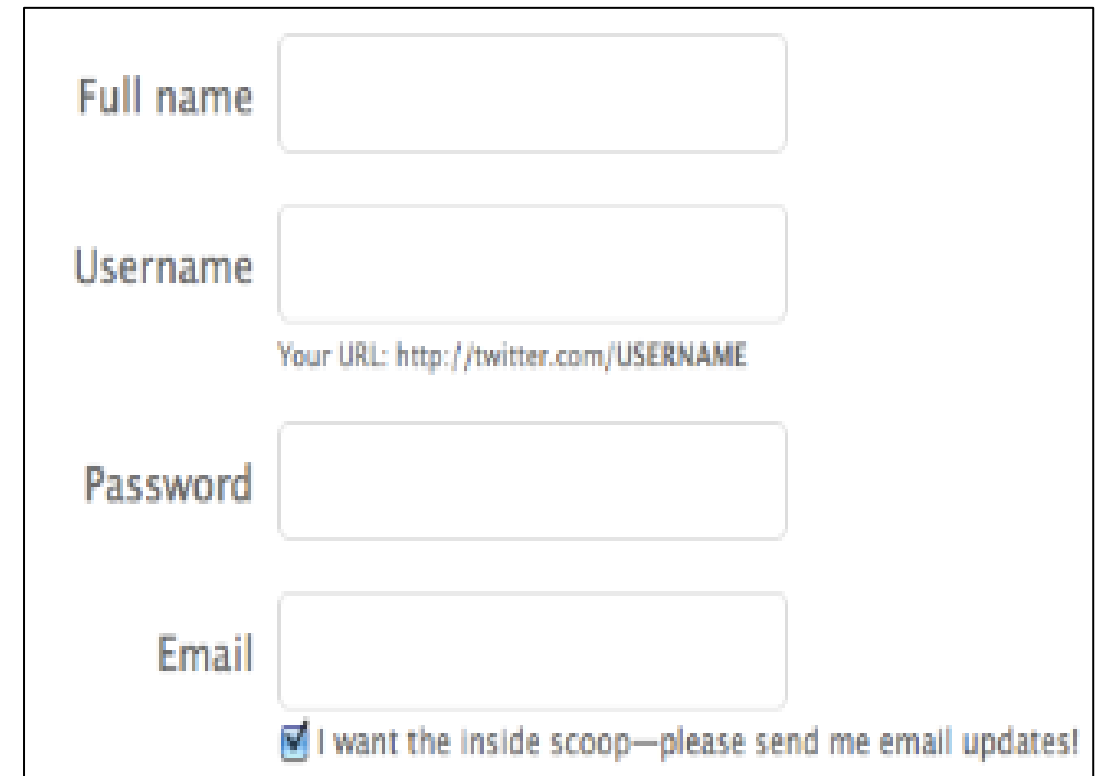
وصف

تاريخ

Powered by Plumsail Forms

This screenshot shows a form preview with the word 'Preview' in the top left and the Plumsail logo in the top right. The form contains three input fields. The labels for these fields, 'عنوان' (Title), 'وصف' (Description), and 'تاريخ' (Date), are positioned to the right of the input fields, indicating a Right-to-Left search order. A calendar icon is visible on the left side of the 'Date' field. The footer text 'Powered by Plumsail Forms' is located at the bottom right of the preview area.

- Label needs to be captured is present at right side of the control.
- User need to set the **Search Order : Left to Right**



Full name

Username

Your URL: <http://twitter.com/USERNAME>

Password

Email

☒ I want the inside scoop—please send me email updates!

This screenshot shows a form preview with labels 'Full name', 'Username', 'Password', and 'Email' positioned to the left of their respective input fields, indicating a Left-to-Right search order. Below the 'Username' field, there is a text label 'Your URL:' followed by a text input field containing the placeholder 'http://twitter.com/USERNAME'. At the bottom of the form, there is a checkbox that is checked, followed by the text 'I want the inside scoop—please send me email updates!'.

Search Order Settings (contd.)

- Label needs to be captured is present at right side of the control .
- User need to set the Search Order : **Left to Right**

Facilities	
<input type="checkbox"/>	Toilets
<input type="checkbox"/>	Bar
<input type="checkbox"/>	Restaurant
<input type="checkbox"/>	Free Wifi
<input type="checkbox"/>	GiftShop
<input type="checkbox"/>	Free Tea/Coffee

- Labels needs to be captured is present at left side of the control
- User need to set the Search Order : **Right to Left**

Facilities	
Toilets	<input type="checkbox"/>
Bar	<input type="checkbox"/>
Restaurant	<input type="checkbox"/>
Free Wifi	<input type="checkbox"/>
GiftShop	<input type="checkbox"/>
Free Tea/Coffee	<input type="checkbox"/>

Note : The same approach can be followed for other set of web controls like textboxes, radio buttons, checkboxes.

Thank you for your time and patience



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