

AutomationEdge Plugins Release Notes

(Release 1.5)

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1 Introduction

AutomationEdge Plugins Release 1.5 includes new plugins, enhancements to existing plugins and provides fixes for some of the important bugs identified in the previous releases. This document lists the release artefacts, supported browsers, important bug fixes, security fixes and known issues in release 1.5.

2 Updating to Plugins R1.5

If OOTB-plugin needs to be upgraded, it is recommended that Agents are stopped before updating to Plugins R1.5 on AutomationEdge server. Agents can be started after all the plugins of R1.5 have been updated. Else it has been sometimes observed that, duplicate copies of plugins are created in the Agent file system after updating to Plugins R1.5.

3 Release Artefacts

The following are the AutomationEdge Plugin Release 1.5 artefacts.

- **plugins-distribution-1.5.zip**
 - PS-plugins-1.5.zip
 - ITSM-plugins-1.5.zip
 - Database-plugins-1.5.zip
 - IT-plugins1.5.zip
 - Script-plugin1.5.zip
 - MachineLearning-plugins-1.5.zip
- **AutomationEdge_Plugin_Reference_Guide_R1.5.pdf**
 - This guide is a technical reference guide for all released plugins.

4 Supported Browsers

The following browser versions are supported for WebGUI Automation/WebSpy in Release 1.5.

| Browser Support | Chrome | Firefox | IE |
|-----------------------------|----------|----------|--------|
| Release 1.5 | 57 to 83 | 38 to 47 | 8 to11 |

5 New Plugins in R1.5

The following Plugin steps have been introduced in this release.

5.1 Start step

A new step 'Start' has been introduced in Input Plugin. This step starts a workflow and facilitates starting of any workflow that requires an input step (e.g. Surface, Windows Application, etc.).

5.2 JIRA

The following Plugin steps have been introduced in JIRA Plugin.

- Add User To Group
- Remove User From Group
- Create Project
- Delete Project
- Delete User
- Create Group
- Remove Group
- Change User Password (Server)
- Get Issue

5.3 VMWare

VMWare Plugin has been introduced in this release for managing VMware vSphere - vCenter server.

The following Plugin steps have been introduced,

- Modify Memory Size
- Modify CPU Count
- Modify Memory Property
- Modify CPU Properties

Compatibility: vSphere Web Client (Version 6.5.0.13000 Build 8024368)

Prerequisites:

- vCenter Server with access details.
- VMware certificate must be installed on the system where the Plugin steps are executed.

6 Plugin Enhancements in R1.5

6.1 Web GUI Plugin

- An updated WebGUI plugin is available that now supports up to Chrome Release 83.x
- WebSpy toolbar has two new icons,
 - Navigate to URL icon for navigation to the URL specified and step generation.
 - Easily accessible Close WebSpy icon on WebSpy the toolbar.

6.2 Desktop Plugin

Multiple desktop start and desktop stop steps can be added in a workflow for flexibility in workflow design.

6.3 Email Message Input step

A new checkbox 'Retrieve emails in reverse order' has been introduced in Email messages Input step. Users may enable the checkbox to fetch emails in reverse chronological order.

7 Bug Fixes in R1.5

7.1 Bug Fix in Python Script step

- 7.1.1 Fixed an issue where, if a workflow containing a Python Script step failed abruptly, consecutive executions of the workflow gave Socket Write Error.

7.2 Bug Fixes in Advanced REST Client step

- 7.2.1 Advanced REST Client now supports multiple files upload with form-data Request Body.
- 7.2.2 Key Type File in form-data Request Body now allows a blank Key. This is needed for some APIs such as - Google Drive File Upload API.
- 7.2.3 All options in Advanced REST Client plugin now support multiple rows in input stream.
- 7.2.4 A new output field has been added in the HTTP Response tab to capture Response Cookies (JSON) in key-value pairs.
- 7.2.5 Fixed an issue where Null pointer exception was thrown if one or more query parameter values were blank in Advanced REST Client.

7.3 Bug Fixes in WebGUI Plugin

- 7.3.1 Generating Web Loop Table step with WebSpy–Generate Step now generates the corresponding Continue Loop step.
- 7.3.2 Fixed an issue where WebGUI workflows failed for IE driver, when desktop spy was already running.
- 7.3.3 Fixed an issue where Criteria Value in WebGUI steps was not working with fields and variables as WebGUI step did not substitute criteria values.
- 7.3.4 Fixed an issue where the previous element remained highlighted unless reset, if WebSpy-Locate Element was used to locate elements consecutively.
- 7.3.5 An unsupported browser selected on 'WebSpy- Web element attribute extractor' pop-up window, disables the Go button on click. Fixed an issue where the Go button remained disabled even after a supported browser was chosen.
- 7.3.6 WebSpy: 'Ignore IE Protected Mode Settings' check box is now visible in WebSpy Window even if Windows 7 Display is set to 'Medium-125%'
- 7.3.7 WebGUI Robot Handling step now supports variables and fields for event values other than hard coded values.

8 Known Issues in 1.5

- 8.1.1 Advanced Rest Client configured with Get Request for File Download in a workflow, fails when executed on Linux Agent.
- 8.1.2 AD: Advanced Search Step does not return Groups without members (EmptyGroup) in search results when search criteria include Property Name - 'Members' and Search Condition- 'Not Present'.
- 8.1.3 Following are Windows Application GUI Plugin limitations
 - JAVA APPLET and Custom Controls are not supported in this release.
 - Limited Support available for GetTabledata step and SilverLight application in this release
 - Mouse Action step Co-ordinate based drag-n-drop is not supported in this release.
 - Element Action Step does not support Element Property - Is Checked for Radio button elements.
- 8.1.4 Advance GUI Automation Plugin step with a script for chrome automation fails if the agent path contains whitespaces.
- 8.1.5 In Process Studio prior to R5.3.0 if spy icon is pressed multiple times unnecessary multiple Web Spy toolbars are opened.
- 8.1.6 The following are limitations on setting 'Iterator name' in Start Loop step
 - In Start Loop step The 'Iterator name' has to be specified in the step, it cannot be taken from Generate Rows or previous steps.
 - Fields specified in 'Additional Fields' in the Start Loop step also cannot be used in 'Number of Iterations'.
- 8.1.7 A workflow having input file steps as well as a python script step may be exported from process studio with 'Add supporting file(s) to ZIP archive' unchecked. If such an exported workflow zip file is imported in AutomationEdge and executed; and if it fails due to a missing input file it throws an incorrect message.

9 Contact

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