AutomationEdge Plugins Release Notes

(Release 1.7)

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1 Introduction

AutomationEdge Plugins Release 1.7 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 1.7.

2 Updating to Plugins R1.7

If OOTB-plugin needs to be upgraded, it is recommended that Agents are stopped before updating to Plugins R1.7 on AutomationEdge server. Agents can be started after all the plugins 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 R1.7.

3 Release Artefacts

The following are the AutomationEdge Plugin Release 1.7 artefacts.

- **plugins-distribution-1.7zip**
  - PS-plugins-1.7.zip
  - ITSM-plugins-1.7.zip
  - Database-plugins-1.7.zip
  - IT-plugins1.7.zip
  - Script-plugin1.7.zip
  - MachineLearning-plugins-1.7.zip
- **AutomationEdge_Plugin_Reference_Guide_R1.7.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 1.7.

Browser Support	Chrome	Firefox	IE
Release 1.7	57 to 84	38 to 47	8 to11

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5 New Plugins in R1.7

The following Plugin steps have been introduced in this release.

5.1 Twilio

Twilio Plugin has been created for performing Twilio communication functions and the following step has been introduced in this release.

- Send SMS

Prerequisites:

- Twilio instance with access details.
- Twilio API Credentials which includes, Account SID and Auth Token.
- Twilio account, a sender number and appropriate access.

References

- https://www.twilio.com/docs/sms/send-messages
- https://www.twilio.com/docs/api/errors
- https://www.twilio.com/docs/glossary/what-e164

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6 Plugin Enhancements in R1.7

The following Plugin steps have been enhanced in this release.

6.1 Excel Input Step

In this version we are introducing two new engines in Excel Input step for handling large excel files,

- Excel Streamer
  Excel Streamer has been designed to read large excel (XLSX) files. It is memory efficient and works across machine configurations. In turn it also addresses the issue of insufficient memory to process large Excel files on lower configuration machines.

- Excel Binary XLSB
  Excel Binary XLSB is designed to read Excel binary files. The File format is available from Excel 2007 onwards.

  Note:

  - ✓ A little extra time is required for fetching headers of the file.
  - ✓ By default the type of all the columns are defined as String. The developer can change the type from the drop-down in Fields tab.
  - ✓ Some options on Content tab (Stop on empty rows, No empty rows, Encoding) and Error handling tab (Ignore Errors) are disabled.

6.2 Advanced REST Client step

Support has been added for HTTP PATCH Request method in Advanced Rest Client Step.

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7 Known Issues in 1.7

7.1.1 Excel Input step with Excel Binary XLSB engine

- File type as runtime parameter is not supported for Excel Binary files.
- 'Add filenames to result' checkbox in Content tab to get Result Filenames is not supported for Excel Binary files

7.1.2 Advanced Rest Client configured with Get Request for File Download in a workflow, fails when executed on Linux Agent.

7.1.3 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'.

7.1.4 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
- Co-ordinate based drag-n-drop for Mouse Action step is not supported in this release.
- While using the Windows Spy, programs in Start Windows (Windows 10 and above) menu are not highlighted with a blue border but the elements are correctly detected in the Generate step dialog.
- In Launch Application step, the full path of the Windows Application executable (e.g. *.exe) is required since at times the shortcut (e.g. .ink files etc.) may not launch the application.
- Get Value and Set Value operations cannot be performed on Datagrid elements.
- Limited support for windows with blank title.
- Limited support for Windows Task Manager elements.
- Windows Action step cannot be used to spy on pop-up windows.

7.1.5 Advance GUI Automation Plugin step with a script for chrome automation fails if the agent path contains whitespaces.

7.1.6 Multiple instances of Web Spy toolbar are opened if the Spy icon is pressed multiple times. This issue is observed only in Process studio versions 5.3.0 and earlier.

7.1.7 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'.

7.1.8 If a workflow that contains both *Input File* steps as well as *Python Script* step is exported without adding the required supporting files to zip while exporting, an incorrect error message in shown in case of failure of such workflow.

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