



A360 Bot Framework

Readme

Version 1.0

28/08/2023

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1. Introduction

This document contains all essential information for the user to make full use of this A2019 *(Bot/Command Package)*. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the *(Bot/Command Package)*.

1.1 Overview

The Automation Anywhere bot framework is designed to streamline and optimize business processes through intelligent automation. At its core, the framework consists of a Master Task, which serves as the orchestrator of the automation process. This Master Task coordinates the execution of various Sub Tasks, each responsible for a specific function or operation within the workflow. To enhance reusability and consistency, the framework incorporates Common Tasks, which are standardized automation blocks that can be utilized across different processes.

Furthermore, the framework emphasizes documentation, ensuring that each task and sub task is thoroughly documented, detailing its purpose, inputs, outputs, and any relevant dependencies. This documentation not only facilitates collaboration and knowledge sharing among team members but also promotes a structured approach to automation development and maintenance.

In the realm of RPA frameworks, adhering to a consistent and intuitive variable naming convention is paramount for efficient and organized automation development. Employing a naming convention that reflects the nature of the variable enhances code readability and understanding. Commonly adopted conventions include using "str" to denote string variables, "num" for numeric variables, "dic" for dictionaries, "rcd" for records, and "tbl" for tables. This systematic approach not only aids developers in quickly grasping the purpose and content of a variable but also promotes a standardized and cohesive coding style across the automation solution. By adhering to these naming conventions, RPA teams can ensure smoother collaboration, easier troubleshooting, and streamlined maintenance of their automated processes.

1.2 Use cases

The key use cases include:

This framework can be used anywhere in A360 bot development. It includes sending email in scenarios like, info, success, failure, start notifications. it also logs each steps of the process from start to end.

2. Requirements & Prerequisites

2.1 System Requirements

[Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

Instructions: Provide software prerequisites along with version needed for Bot or Command Package usage. This include if you need to have accounts set up with third party SaaS systems like Salesforce, Slack, Workday, etc.

3. Getting Started

3.1 Quick Start

3.1.1 Setup

Instructions: Provide a step by step guide for setting up external accesses required for using the Bot or Command Package. This could include, for example, details on how to generate an API Key/Token as well as the actions a user must take to setup and access an external SaaS application required as a part of the process.

3.1.2 Configuration and Use

For Command Packages:

Provide any details, if needed, around configuring Command Packages for use. Explain how to use each of the Commands in your Command Package.

Your command package needs to ship with a bot that illustrates how the Command Package can be used. Provide step-by-step instructions for how to use that Bot so that your customer can see how to use the Command Package.

For Bots:

Provide a step by step guide for configuration of parameters from either an external file (text) or from the Credential Vault for sensitive parameters for Bots. If applicable, include how to create Locker & credential attributes in credential vault.

Provide configurable variable list with the details as mentioned in the example

- *For Credential Vault –*

Describe the setting up of the Locker and Credentials and describe the individual properties in a table format as below

Locker Name	Credentials Name	Attribute Name	Value
<i>Locker_Slack</i>	<i>Credential_Slack</i>	<i>URL</i>	<i>URL of the slack account</i>

- *For Configuring the Bot –*

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
<i>strInputFileName</i>	<i>Text/Number</i>	<i>Yes</i>	<i>File Name for the template from which Bot reads the value from. Format – Filename. Extension</i>	<i>Provide an example of the Input data</i>

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Type	Mandatory	Purpose	Example Output
<i>strOutputFileName</i>	<i>Text/Number</i>	<i>Yes</i>	<i>File Name for the template from which Bot reads the value from. Format – Filename. Extension</i>	<i>Provide an example of the Input data</i>

. Explain how a customer can use the bot once it's configured – walk through examples.

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

4.2 FAQs

Instructions: Add any Frequently Asked Questions related to Bot that you think would be helpful to the customer

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
1	1.0	28/08/2023	Kyndryl	

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here