



A2019 Currency Conversion Bot

Readme

Version 1.0

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1. Introduction

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

1.1 Overview

Use the A2019 Currency Converter bot to convert from/to one of 32 different currencies in real time using the REST Web Service command package.

1.2 Use cases

The key use cases for this bot include:

- Iterating through financial spreadsheets/documents to update monetary values based on current currencies
- Performing “translation” of monetary save based on reporting numbers from different company dashboards.
- Localizing the messaging for a global, multi-national organization.
- Providing forecasting data for leaders based on their local currency.

2. Requirements & Prerequisites

2.1 System Requirements

Below are the minimum system requirements for running bots as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

Hardware Requirements

Device	Processor	RAM	Storage (Free Space)	Network
Machine	Intel Core i5 2.6 GHz	4 GB minimum 8 GB recommended	32 GB	1 GbE
Bot Creator and Bot Runner	No additions to the machine requirements	No additions to the machine requirements	Add 100 through 150 KB per Automation Anywhere script Add 40 through 50 GB per long-term project	No additions to the machine requirements

Browser Requirements

The user interface for Automation Anywhere Enterprise is through a browser. Login to your device then login to Enterprise Control Room through a browser.

Browser	Browser Version	Automation Anywhere plug-in version ²	Supported bot functions by Bot agent version		
			2.0.2	1.0.2	1.0.1
Google Chrome ¹	57 or later	11 or 12	2.0.2	1.0.2	1.0.1
Microsoft Internet Explorer	11	N/A	None	Debugger only	All except Credential Vault

(1) Google Chrome re-verification

CAUTION: Google Chrome requires re-verification of permissions when the Automation Anywhere Google Chrome extension (Version 11.3.3 or later) is updated. If prompted, click **Enable this item** in the Google Chrome message. Alternatively, re-enable the extension through [chrome web store](#). Similarly, if you are deploying your Bot Runners from a master image, accept the permission from within that image.

(2) Google Chrome plug-in versions

A2019 supports Chrome plug-in version 11. If you have other versions installed, you might not be able to record tasks using the **Record** feature or **Capture** action. To resolve this issue, do the following:

1. Rename the automation.chrome.agent registry key to automation.chrome.agent.old. The registry key is available at: Computer\HKEY_CURRENT_USER\Software\Google\Chrome\NativeMessagingHosts
2. Disable all other Google Chrome plug-in versions you have installed, except for version 11.

2.2 Prerequisites

No specific prerequisites beyond the installation of A2019. The bot uses the included command package versions – most specifically the REST Web Service command to convert an input amount to the desired output currency.

3. Getting Started

3.1 Quick Start

3.1.1 Setup

The bot download includes a CurrencyMaster_Demo as well as the CurrencyConverter subtask. The CurrencyMaster_Demo was included to demonstrate how pre-requisite values can be set, as well as how the subtask (CurrencyConverter) could be used could be invoked in your own automation.

3.1.2 Configuration

Review and setup the variables which are assigned values at the beginning of the CurrencyMaster_Demo. There are 3 required input values, and 2 output values:

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
sInputCurrency	String	Yes	Input Currency - 3 letter code for input currency	GBP
sOutputCurrency	String	Yes	Output Currency -3 letter code for output currency	USD
nInputAmount	Number	Yes	The input amount targeted for conversion based on the output currency rate (don't use any \$ signs)	50.15

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Type	Mandatory	Purpose	Example Output
sOutputAmount	Number	-	The output amount based on the input amount and output currency conversion rate	64.53
sResult	String		Result value which can be checked by the calling parent/master bot to ensure the conversion occurred without error.	'Success' if the subtask was successful, otherwise returning an error message.

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

Q: Can I make changes to this bot?

A: Absolutely. Free bots are for you to make use of, customize, and/or include in your builds as you see fit.

Q: Can I upgrade the packages for this bot?

A: Yes – but know that the bot was created/tested on a specific package version. Any modifications to that may result in unexpected outcomes – so make sure to test the bot/subtask after making any package version modifications.

Q: How can I change the output format of the bot?

A: When calling a subtask, the return value is always of type dictionary, and the value(s) returned from the subtask can be accessed through their specific variable names as a key within the dictionary. Once that value has been returned, the resulting number could be converted to a string should you need it to be.

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

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	1.0.0.0	3/1/2020	Micah Smith	Initial release of Bot

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