



A2019 Python + Excel Bot

Readme

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1. Introduction

This document contains all essential information for the user to make full use of this Enterprise 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

It reads the data from a file that contains customer and partner details are stored in an excel worksheet

Python program is used to read each email id and send an email with the marketing flyer as attachment

1.2 Usecases

The primary use case for this bot is a tool for sending marketing flyer to all the customers and partners .

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

This Bot utilizes Enterprise A2019 and python. It is also sending the email to the customer and partners from excel file using python code.

3. Getting Started

3.1 Quick Start

3.1.1 Setup

Once the bot execute it will read all the email from excel file that existing customer and partners email and send email to them via python code.

3.1.1.1 Bot Insight

Python must be properly installed and configured to be able to send marketing flyer to all the existing customer and partners.

3.1.1.2 Chrome Browser

This bot operates with the Chrome browser. This must be installed on the bot runner machine, and the store searches specified above must happen in the Chrome browser, for the store searches to work properly.

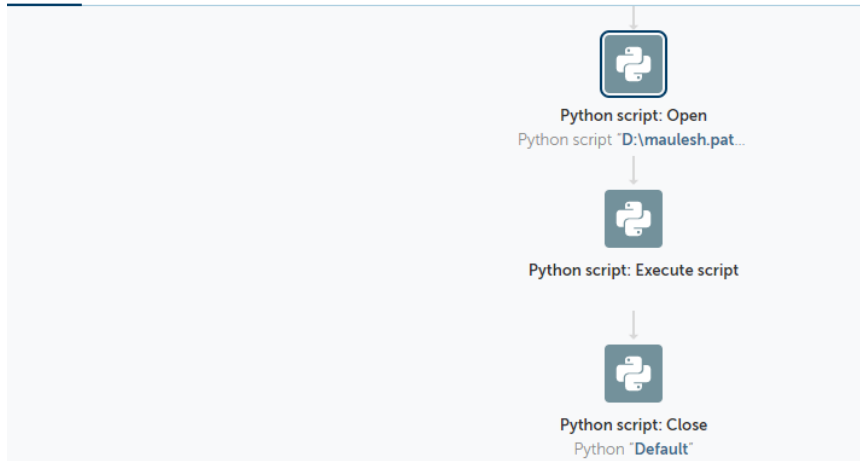
3.1.2 Configuration

No configuration is required for this bot.

Sample Screenshots:

PythonExcelDemo

Flow List Dual



4. Support & FAQs

4.1 Support

Free bots are not officially supported by Automation Anywhere. However, you can get access to Community Support through the following channels:

- CommunitySupport, connecting with other Automation Anywhere customers and developers on [APeople](#).
- Automation Anywhere's [Product Documentation portal](#), which provides more information about our products as well as for 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.

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

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