



A2019 Azure Computer Vision Bot

Readme

Version 1.0
March 2, 2020

Table of Contents

1. Introduction	3
1.1 Overview	3
1.2 Use Cases	4
2. Requirements & Prerequisites.....	4
2.1 System Requirements	5
2.2 Prerequisites	6
3. Getting Started	7
3.1 Quick Start	7
3.1.1 Setup	7
3.1.2 Configuration	7
4. Support & FAQs	8
4.1 Support	8
4.2 FAQs	8
Appendix A: Record of Changes	9
Appendix B: References.....	10

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

This bot utilizes the Azure Computer Vision service to analyze content in images. Enter the image location to the Bot and it will provide the content in the image.

For ex: **Image file** (URL sent to the Bot): <https://img.fotocommunity.com/brown-horse-eating-fresh-grass-at-green-meadow-09b5ffbe-e2b5-47d7-a20a-739529896c88.jpg?width=1000>

Image:



Output: [{"name": "animal_horse", "score": 0.99609375}]

Please note: Above image URL address can change in future, but the concept remains same.

1.2 Use cases

The key use cases for this bot include:

- Content analysis
- Brand management
- Content classification

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		
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

- MS Azure Account
- API Subscription key for Computer Vision Service

3. Getting Started

3.1 Quick Start

3.1.1 Setup

- Create an Azure account by signing up here: <https://azure.microsoft.com/en-gb/free/>
- Create a Cognitive Services (Computer Vision) resource using the [Azure portal](#). You will get an Endpoint (as shown in variable vURI below) and Subscription key.
- Pass the Endpoint and Subscription key to the variables mentioned below.

3.1.2 Configuration

Input Variables				
Variable Name	Type	Mandatory	Purpose	Example Input
vURI	String	Yes	This endpoint will take the input and will respond back with the output in JSON format	https://westcentralus.api.cognitive.microsoft.com/vision/v2.0/analyze
vSubscriptionKey	String	Yes	This is the subscription key to authorize your active account status with Azure	ea75d38sdfsdbb5cf36dfgdfgdf51dc3d314
vDescription	String	Yes	Parameter to be passed to the Endpoint	Description
vURL	String	Yes	This is the image URL to be passed to Bot for content analysis	https://img.fotocommunity.com/brown-horse-eating-fresh-grass-at-green-meadow-09b5ffbe-e2b5-47d7-a20a-739529896c88.jpg?width=1000

Output Variables				
Variable Name	Type	Mandatory	Purpose	Example Output
vResponseAPI	Dictionary – String	Yes	This variable captures the output from the API	{"categories":[{"name":"animal_horse","score":0.99609375}], "requestId":"efd333f1-8a9c-471d-845e-f4c889341441", "metadata":{"width":1000,"height":700,"format":"Jpeg"}}

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

None

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	02-Mar-2020	Ankan Mondal/Arjun S Meda	

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