# Connect AA to ChatGPT

# Readme

**Version 1.0**

**01/03/2023**

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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 bot is designed to connect Automation Anywhere with ChatGPT. The input is an Excel file that contains a variety of requests ChatGPT is supposed to respond to

The bot then:

 * Opens the Excel file, loops throught each row of the worksheet, get the query

 * Uses an API key generated from OpenAI to request a query and get the response

The output is fetched responses that are then stored in different cells of the same EXCEL file

## 1.2   Use cases

The key use cases include:

* Insert questions in an EXCEL file.
* Assure the integration of AA and ChatGPT.
* Get the answers of the queries in the Excel file using the API key.
* Stores the output in different cells of the same Excel file.

## 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

1. Automation anywhere enterprise A2019 installed.

2. ChatGPT account. Go to this site: https://platform.openai.com/ in order to create a new API key.

# 3.    Getting Started

## 3.1    Quick Start

### 3.1.1    Configuration and Use

*Actions:*

- **Excel advanced: Open**
- Open the Excel file that contains the questions.

- **Loop: For each row in worksheet**
-  Loops through each row containing questions, get the cell value, and stores it in a

  variable "$sInput$".

- **REST Web Service: Post method**
- Add values to the rest web service action:
  - Header Name: Authorization

  - Value (Insecure String): Bearer *followed by the API key generated earlier*

  - Content type : JSON (application/json)

  - Custom parameters: {«model": "text-davinci-003", "prompt": "$sInput$", "max_tokens":

    500, "temperature": 0}. "$sInput$"is the string variable that stores the queries in the

    Excel file.

  - Mapped variables: Key: "Body" and map it to a variable "sBody" . This variable holds

    the output/answers fetched using the API.

- **Json: Start session, Get node value, end session.**
- Start json session with text data source variable created earlier: "sBody"
- To get the text of the json response, go to the json path finder site
  https://jsonpathfinder.com/
- To return the value of given node path: choices[0].text
- Store the value in a variable "sOutput"
- End json session
- **Excel advanced: set cell**
- Put answers fetched in the specified cells.

# 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

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 |
|-----|----------------|----------------|--------|-------|
|     |                |                |        |       |

# 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 |