A2019 SQL DB operations with csv file - PARASAIL

Readme

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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

This "A2019 SQL DB operations with csv file" BOT demonstrates CRUD operations in SQL DB.

1.2   Common Use cases

The key use cases for this bot include:

- ➢ Read data from excel file
- ➢ SQL DB connection
- ➢ Insert data from excel file to SQL Table
- ➢ Update data from excel file to SQL Table
- ➢ Delete data from SQL Table
- ➢ Read data from SQL DB and export to csv file

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 a nd 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

➢ SQL Server Management Studio (SSMS)

URL – (Download and install)

https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15

➢ Create a table in SQL DB with column names similar to headers of input excel file

Reference ID	Equipment Type	Notes (Publics)	Commodity	Temperature	Size	Status

➢ SQL DB Design

Column Name	Data Type	Allow Nulls
[Reference ID]	varchar(50)	☑
[Equipment Type]	varchar(50)	☑
[Notes (Publics)]	varchar(100)	☑
Commodity	varchar(60)	☑
Temperature	varchar(50)	☑
Size	varchar(50)	☑
Status	varchar(50)	☑
		☐

➢ Connect to a Microsoft SQL Server with Windows authentication in A2019 (Follow the steps to connect with SQL DB)

https://docs.automationanywhere.com/bundle/enterprise-v2019/page/enterprise-cloud/topics/aae-client/bot-creator/commands/connecting-to-a-microsoft-sql-server-with-windows-authentication.html

3.   Getting Started

3.1   Quick Start

3.1.1   Setup

The bot will install in the Bot Store -Automation Anywhere sub directory. The bot doesn't require a specific setup beyond the configuration items mentioned below.

3.1.2   Configuration

Input Desktop File path / Control room file. (Microsoft Excel or .CSV file)

4. Troubleshooting & Support

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?

Ans: 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?

Ans: 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.

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	30 Oct 2020	Rahul Nikam	Using A2019

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