

Extract Data from SQL Database to JSON File–Readme

Bot Overview

This bot performs the following:

- Automated Extract data from Database. No need to run query every time. Only BOT will do all work to extract data from db. No Need to Login again and again in Database and run query.
- This Bot extracts Data from SQL Database to JSON file .
- This is Useful to pass JSON to Web services i.e. REST or SOAP.
- This is a simple and reusable bot to generate a JSON File from SQL Database.

Prerequisites

- Automation Anywhere Enterprise v10.7 & above

Installation

- Download the bot from Bot Store.
- Double click on the .msi file.
- On Welcome to Installation wizard, click Next to continue.
- Click I agree to the terms in the license agreement radio button to accept the agreement.
- Get/Copy the License key from Bot Trial Downloads into License Key, click Next to continue. • Click Install to begin the installation.
- Click Finish to complete the installation.
- To view the installation, go to 'My Tasks' folder on AAE Client to see bot files.

Uninstall

- Open Add/Remove Programs -> Select the Bot/Digital Worker to be installed
- Trial uninstall

Creates the following folder structure of the content in the AA Dir:

```
<AA Directory>
  o My Tasks
    + Bot Store
      • AA_JSON to Text (Folder)
        o My Tasks
          + SQLDbtoJSON-TechTamma
          o Error Folder
          + Logs (Folder)
            • Error Logs Month-Day-Year.txt
          + Snapshots (Folder)
            • Error Snap Month-Day-Year.png
        o My Metabots
          + SQLDatabasetoJSON.mbot
```

How to Use the Bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
vDataBase	String	Input	Identifies The name of the database. E.g. RPA_Test
vDataSource	String	Input	Identifies The name or network address of the instance of SQL Server to which to connect. E.g. A-PC\SQLEXPRESS
vUserID	String	Input	Identifies The SQL Server login account. E.g. sa
vPassword	String	Input	Identifies The password for the SQL Server account logging on. E.g. pass@word1
vTableName	String	Input	Identifies the Table Name E.g. customers
vTestConnection	String	Output	Returns boolean flag Weather SQL Connected or failed E.g. True/False
vOutputFilePath	String	Input	Specify the Output file Folder to keep the generated JSON Data. E.g. D:\\Setup

Trial Handling

- Each Bot folder contains the below hierarchy.
 - o Error Folder
 - ✦ Logs
 - Error Logs Month-Day-Year.txt: In case of any error, this file logs error message along with time stamp
 - ✦ Snapshots
 - Error Snap Month-Day-Year.png: In case of any error, this file captures screenshot of error.
- Task Status of bot is set to failed in case of errors.