SAP BOT

GENERIC TRANSACTION

Content

DETAILS

DOCUMENT INFORMATION

AUTHOR	CUSTOMER	CREATION DATE
Helpsystems	<<CLIENT>>	<<DATE>>

DESCRIPTION

This document provides information to help you understand the implementation, architecture and interfaces for the Automate Enterprise SAP BOT.

DELIVERY LIST

<<CLIENT>>	<<CONTACT1>> <<CONTACT2>>
HELPSYSTEMS	José Garay Dario Soria Sebastian Alvarez

FILE VERSIONING

| VERSION	DATE	AUTHOR	DESCRIPTION
1.0	<<DATE>>	Dario Soria	Initial document

OVERVIEW

This how to guide introduces the *SAP BOT – Generic transaction* automation. Instead of spending precious time and resources on repetitive, manual tasks, let Automate go to work and streamline your IT and business processes with robotic process automation. With the help of Automate we can take over manual steps which greatly reduces the repetitive activities and improves the quality and consistency of the work. The top processes being automated are reports generation, file movement, data import and export, and scheduling batch processing.
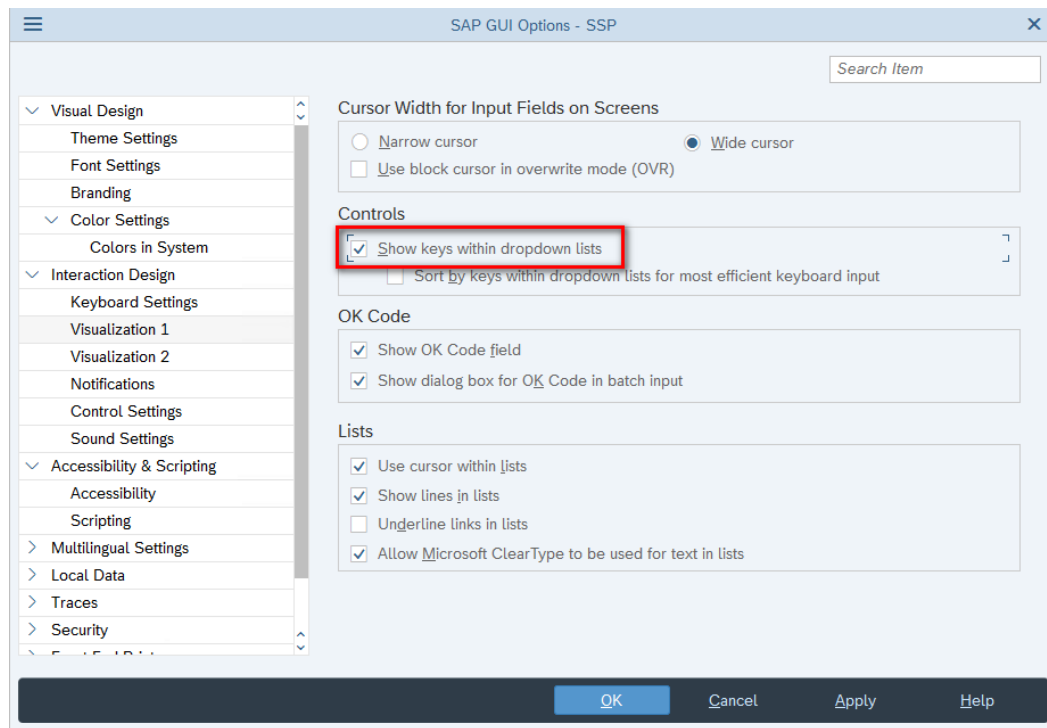
PREREQUISITES

- **Automate:** The SAP BOT depends on Automate software in order to work. The minimal supported versions are:

    o Automate Ultimate 11.2

    o Automate Plus 11.2

    o Automate Desktop 11.2

- SAP: our minimal requirements are

    o SAP Logon 760

    o SAP GUI Scripting enabled
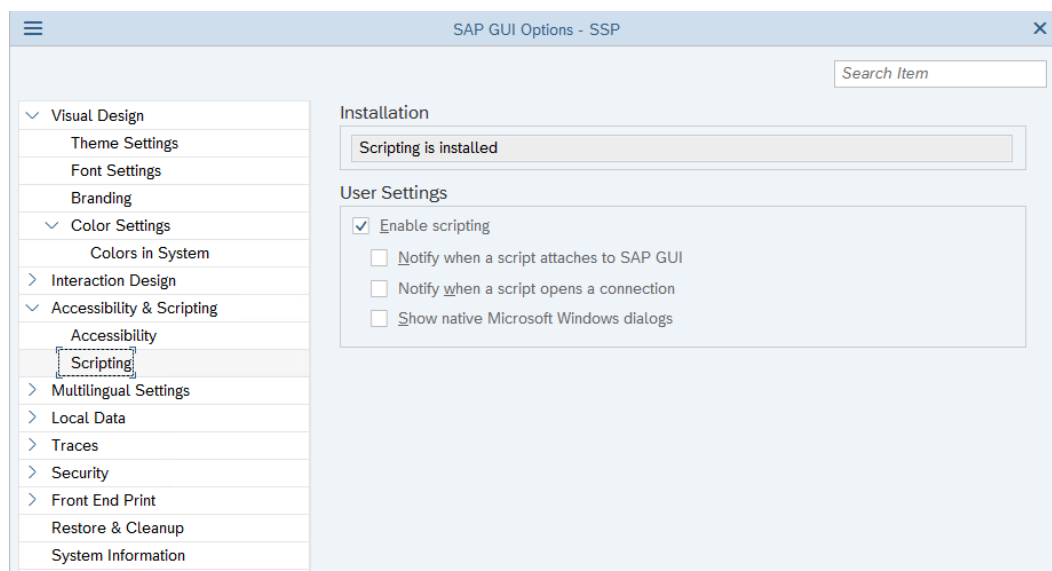
    o A user with enough privileges to run the recorded task

    o Show keys within dropdown lists enabled

- **Automate Markup Language file (.AML):** The primary file type used in Automate which contains the steps of our SAP BOT task

- **Automate constants:**

  o **const_SAPClientNumber**: SAP Client Number. By Default: 001

  o **const_SAPConnection**: SAP Login connection name

  o **const_SAPLanguage**: SAP Language. By Default: EN

  o **const_SapLogonPath**: SAP executable path. By Default: C:\Program Files (x86)\SAP\FrontEnd\SapGui\saplogon.exe

  o **const_SAPPassword**: SAP Login Password

  o **const_SAPUser**: SAP Login Username

SAP Logon 760

Variable Logon

Workspace View

Connections

Filter Items

Workspaces	Name	System ...
Local	SAP-SSPP	

const_SAPConnection

SAP

✓ New password More ∨

Client   001   ← const_SAPClientNumber

User   [   ] ← const_SAPUser
Password   ●●●●●●●●●●●● ← const_SAPPassword

Logon Language EN   ← const_SAPLanguage

HOW TO IMPORT AN AUTOMATE TASK

Compatible file types can be imported to the repository via drag-and-drop

From the Server Management Console, navigate to the Repository section

Drag the desired file(s) from its original location and drop them into the folder in the SMC. Files can be dropped into the folder icon or the main panel (as shown below). Imported object(s) are automatically placed into their corresponding repository location.
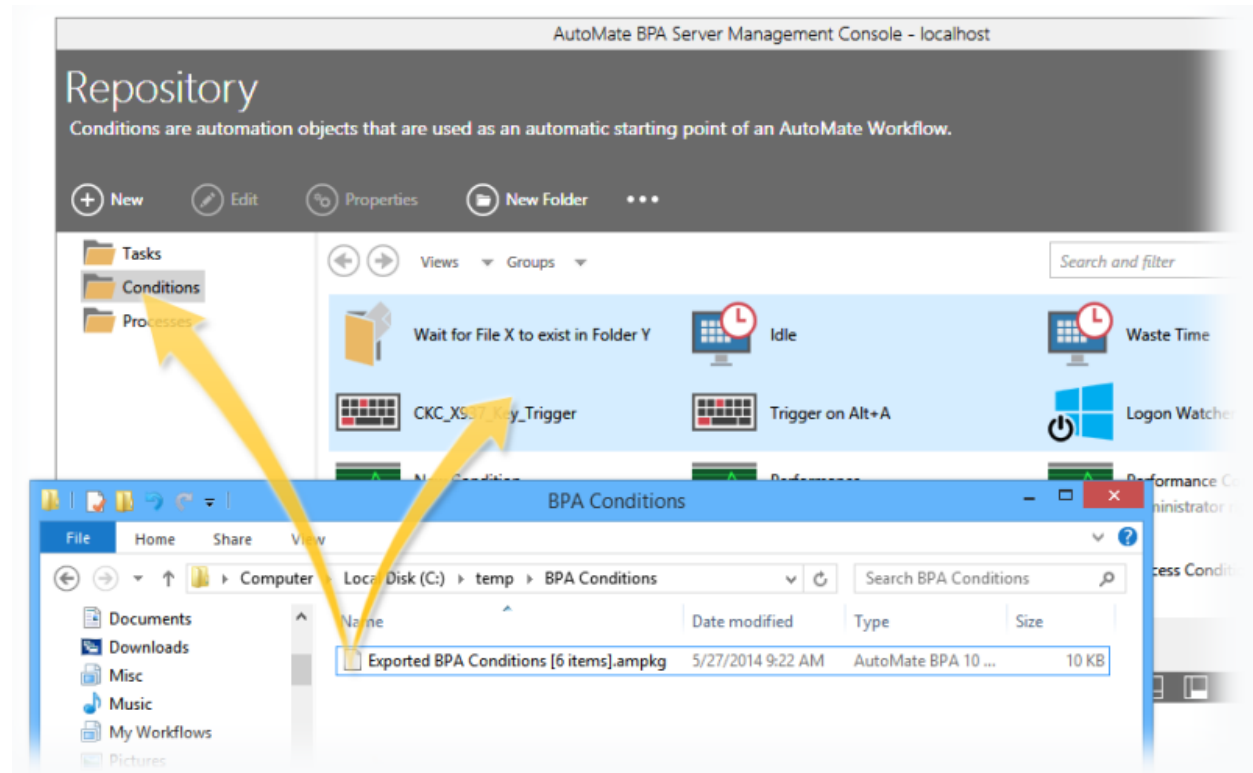
HOW TO CREATE SAP GUI SCRIPTING

You should be able to make your own script by following this document. It is not necessary to have programming knowledge.

The following screenshots show how to create the main script file in a few minutes or even seconds:
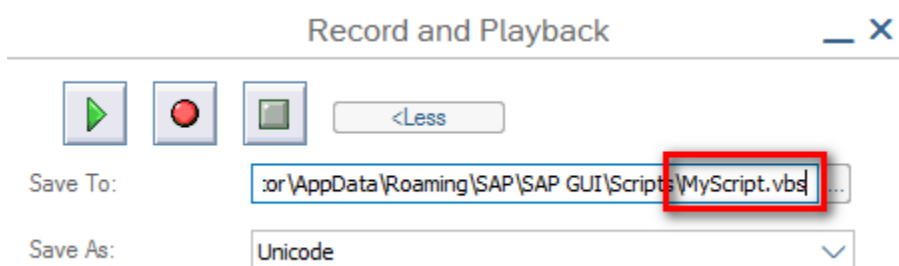
Login to SAP using your current credentials

Navigate to Script Recording and Playback
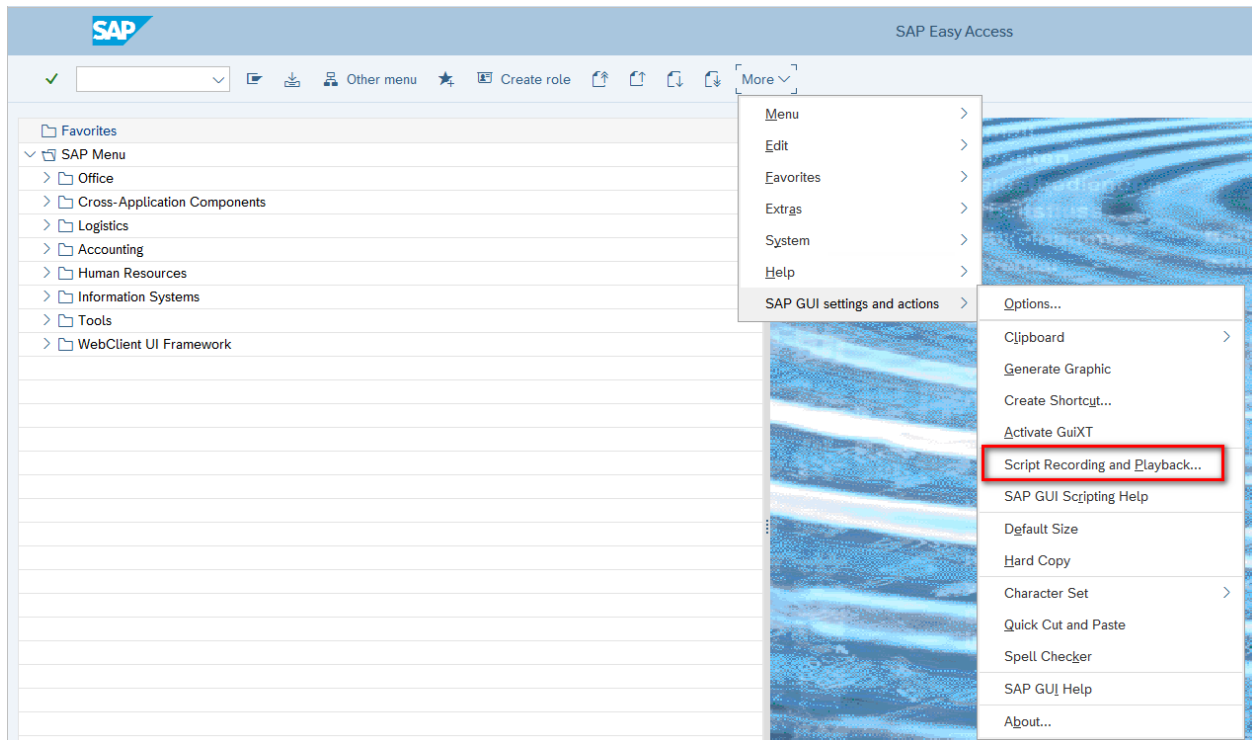
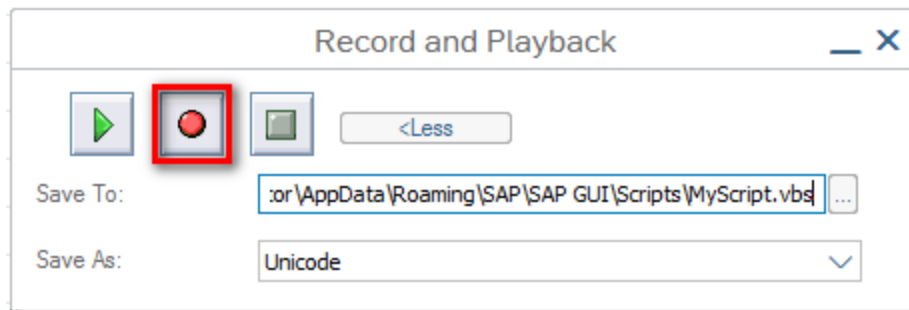Expand the More button
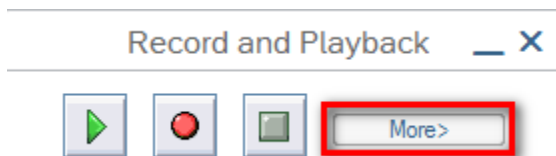
Complete the script name (NOTE: Don't forget the vbs extension)

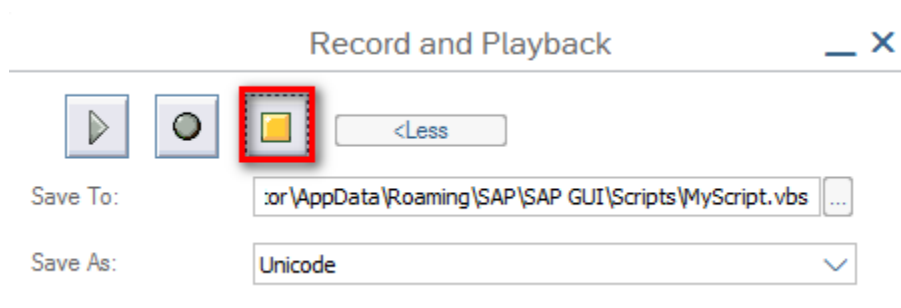

Start your recording pressing the Record Script button
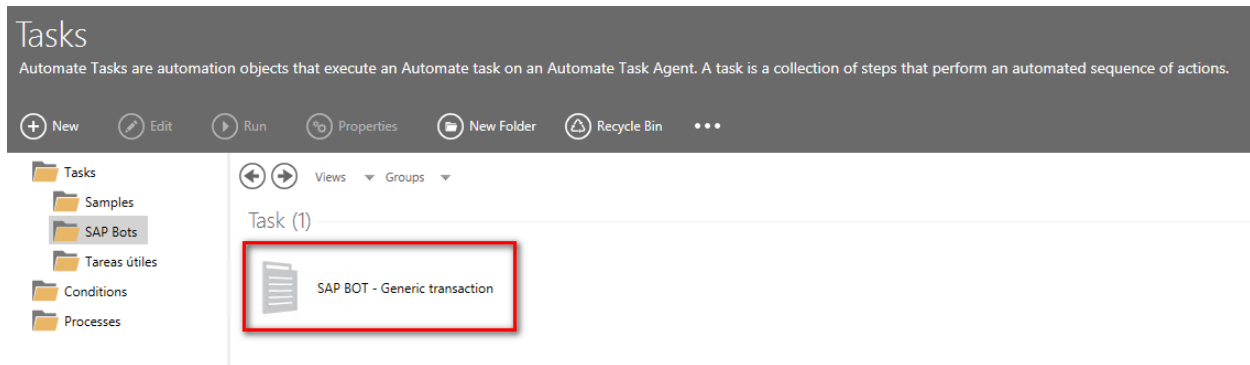
Execute the transaction that you want to save in the script

Once completed, stop the recording using the Stop Recording button. This will complete the generation of the Script and the file will be saved in the selected Path
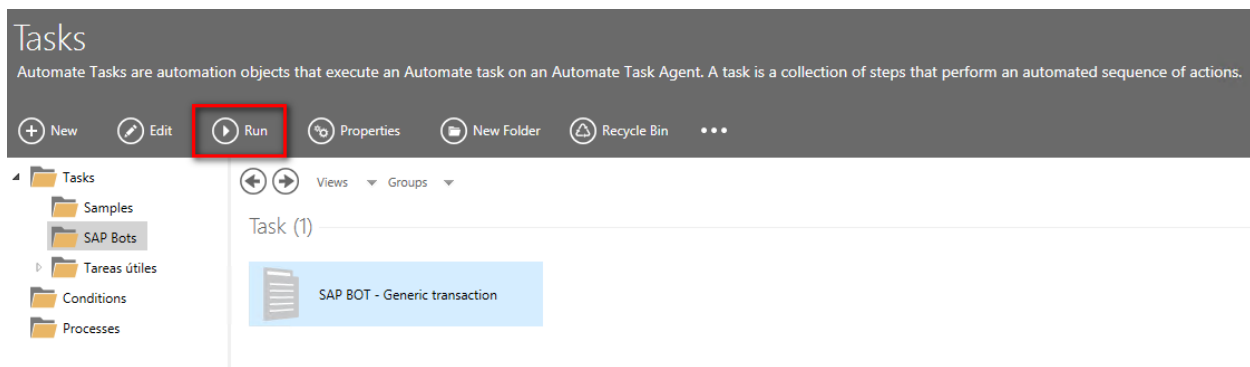
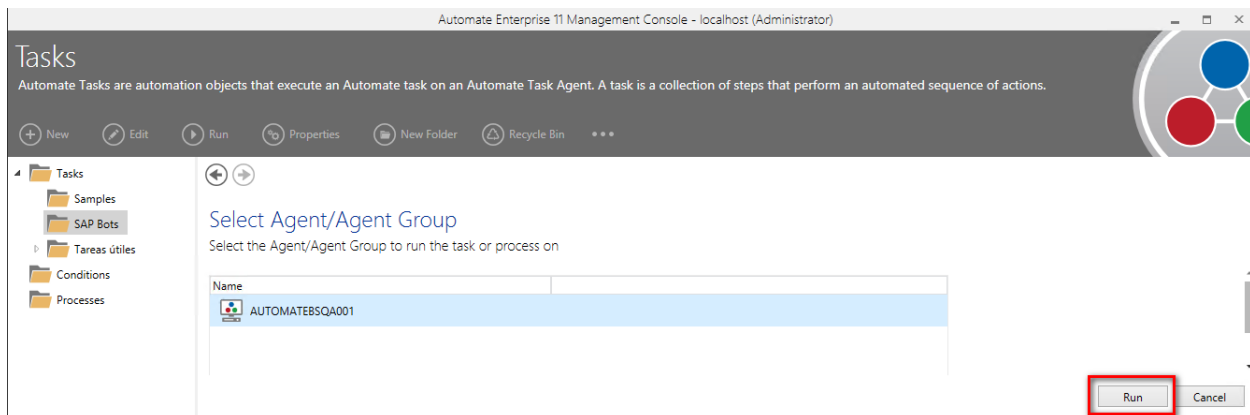## How to execute the SAP BOT Generic transaction task

Open the Server Management Console and locate the imported task
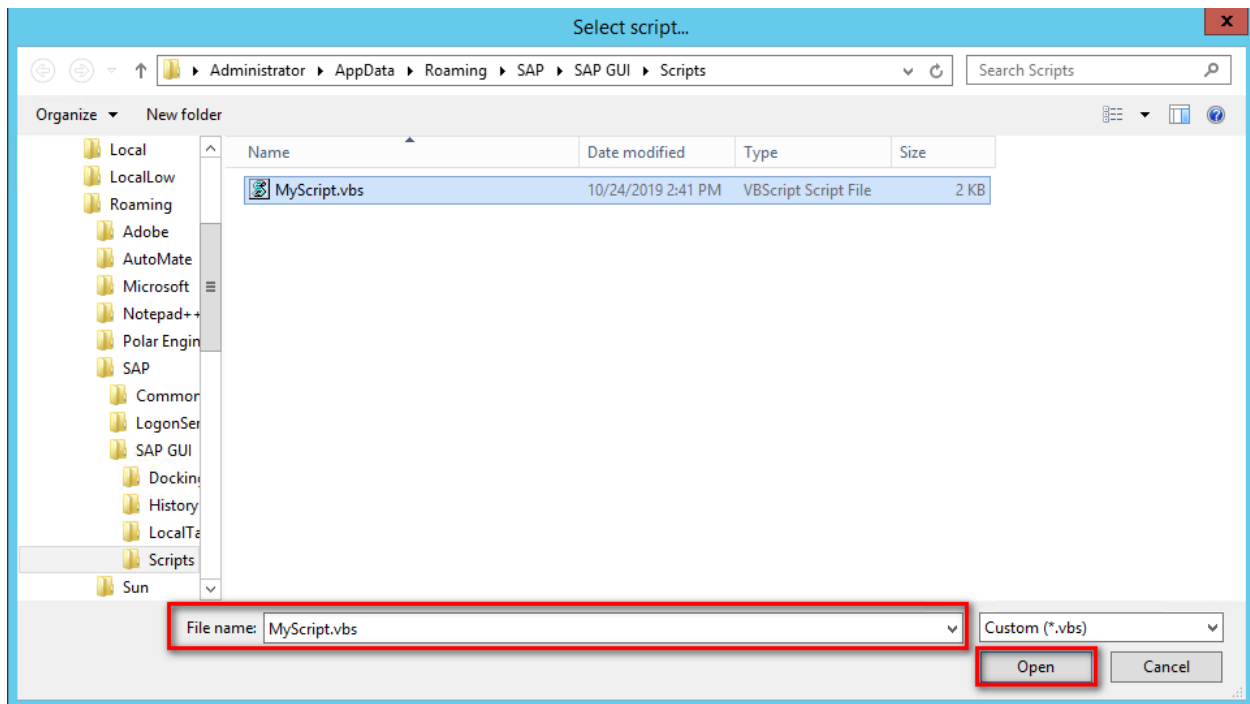

Select the task and click on Run

Select your Agent and click on Run again

If this is the first time running the script, a Windows dialog will appear asking for the location of the recorded script

Select the file and click on Open

Subsequent executions will not ask for the file name again

There are 2 very useful folders located under that directory.

- Scripts: contains the script to be executed. When you run the task for the first time, a copy of your script is created on this directory. Further executions use this script instead of your original script. If you modify your script and want Automate to use the new scripting, all you got to do is delete the Script.vbs file in this location *C:\AutoMate\Tasks\SAP BOT - Generic transaction\Scripts*. Of course, you will be prompted again to select the script file you want to execute

- Logs: Each iteration of our BOT creates a Log file for troubleshooting. You can locate the log file under C:\AutoMate\Tasks\<<TASK NAME>>. By Default, the task name is SAP BOT - Generic transaction