



SendEmailUsingSMTP_Demo

Readme

Version 1.0

01/25/2021

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1. Introduction

This document contains all essential information for the user to make full use of this A360 Bot. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

1.1 Overview

The SendEmailUsingSMTP_Demo Bot is designed to send an email using Smtplib configuration with the help of a DLL. The DLL is connecting to the Smtplib and send email without using any third party libraries.

1.2 Use cases

This bot can send email using smtp configurations

- This can send email with or without attachments. Multiple attachments can also be possible
- This can send .mht file attachment without any vulnerability warning at the email server side
- This the DLL inside the bot is connecting to the smtp server without using any third party libraries.

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

No specific prerequisites beyond the installation of A2019.

3. Getting Started

3.1 Quick Start

3.1.1 Setup

No specific setup is required to execute this bot. Navigate to Bot Store > Send Email using SMTP config - Automation Anywhere > SendEmailUsingSMTP_Demo to find the bot and examine its setup.

3.1.2 Configuration and Execution

To execute the bot, navigate to Bot Store > Send Email using SMTP config - Automation Anywhere > SendEmailUsingSMTP_Demo to see the bot's setup and configuration. With the Bot opened, click the "Run" button in the top right corner.

The bot will begin executing, and save the output from dll into a variable . also the bot will logs the INFO ,ERROR logs inside the Bot Runner logs folder with the name "EmailSendSmtp.log"

Details of the Dll as follows

Namespace : SendEmailSMTP

ClassName : SendEmailClass

Function : sendEmail

Input parameters :

- 1 . fromAddress
- 2 . toAddress (more than one emails can be separated by ",")
- 3 . ccAddress (Optional . more than one emails can be separated by ",")
- 4 . bccAddress (Optional more than one emails can be separated by ",")
- 5 . subject (Optional)

- 6 . isHtmlBody (boolean value true/false)
- 7 . body (Optional)
- 8 . severHost
- 9 . serverPort
- 10 . secureConnection (boolean value true/false)
- 11 . username
- 12 . password
- 13 . attachments (Optional . more than one attachments can be separated by ",")

You can download the DLL source code from https://github.com/AutomationAnywhere/DLL-SendEmail_using_SMTP

The diagram shows a workflow starting with a 'Start' trigger, followed by an 'Error handler: Try' block. Inside the 'Try' block, the steps are: 'DLL: Open Bot Store', 'DLL: Run function 'sendEmail' and store output to...', and 'DLL: Close session 'DLLSession''. An 'Error handler: Catch AllErrors' block is connected to the 'Try' block. The workflow ends with an 'End' block.

Runs a specific DLL function with parameters
Required bot agent version: 21.107 or above

Get DLL details
Click on give and auto fill DLL details below

DLL session
Session name: Variable:

99 DLLSession
The name you give the session when you opened it.

Enter the namespace
99 SendEmailSMTP

Enter the class name
99 SendEmailClass

Enter the name of function to be executed
99 sendEmail
e.g. addnumbers

Input parameters (33) (optional)

| Parameter name | Parameter type | Parameter value |
|--------------------|----------------|-----------------|
| 'fromAddress' | String | '*****' |
| 'toAddress' | String | '*****' |
| 'ccAddress' | String | '*****' |
| 'bccAddress' | String | '*****' |
| 'subject' | String | '*****' |
| 'isHtmlBody' | bool | True |
| 'body' | String | '*****' |
| 'severHost' | String | '*****' |
| 'serverPort' | int | 587 |
| 'secureConnection' | bool | True |
| 'username' | String | '*****' |
| 'password' | String | '*****' |
| 'attachments' | String | '*****' |

Add parameters

Assign output to variable (optional)
99 DLLOutput

Automation

PublicPrivateBot Store

Private bots and files cannot be viewed by other people. If a bot or file has been checked out from the Public tab, it can be viewed and run by other people, but cannot be edited.

Folders

> Bots

Bot Store

Currency Converter - Aut...

Send email using SMTP e...

Send Em...

NameSearch

Files and folders (2)

| Type | Name | Status | Source version | Size | Last modified | Modified by |
|----------|-----------------------|-------------|----------------|---------|----------------|-------------|
| Other | SendEmailSMTP.de | Cloned | N/A | 9 KB | 25 minutes ago | ashap |
| Task Bot | SendEmailAppSMTP_Demo | Checked out | N/A | 6.16 KB | 25 minutes ago | ashap |

100 per page

» This PC » Local Disk (C:) » ProgramData » AutomationAnywhere » BotRunner » Logs

| Name | Type | Date modified | Size |
|--|---------------|------------------|-----------|
| Bot_Launcher_15760_0b-0-04_2022-03-23_11:51_a76... | JSON File | 23-03-2022 11:51 | 2,046 KB |
| Node_Manager-488 | JSON File | 23-03-2022 11:51 | 49,035 KB |
| Bot_Launcher_15760_0b-0-04_2022-03-23_11:51_a76... | JSON File | 23-03-2022 11:51 | 1,739 KB |
| Node_Manager | Text Document | 23-03-2022 11:51 | 6,104 KB |
| Bot_Launcher | Text Document | 23-03-2022 11:51 | 10,943 KB |
| state.prop | PROP File | 23-03-2022 11:51 | 1 KB |
| Bot_Launcher_15760_0b-0-04_2022-03-23_11:51_a76... | JSON File | 23-03-2022 11:48 | 10,241 KB |
| Automation.ExcelPlayer | Text Document | 23-03-2022 11:19 | 3,484 KB |
| EmailSendSmtip | Text Document | 23-03-2022 11:03 | 2 KB |
| Node_Manager-487 | JSON File | 23-03-2022 10:59 | 51,201 KB |
| test | Text Document | 23-03-2022 10:41 | 1 KB |
| AAChromeBotBrowserAgent | Text Document | 23-03-2022 08:01 | 8,133 KB |
| Automation.ExcelPlayer.log.1 | 1 File | 22-03-2022 12:04 | 5,121 KB |
| Automation.ExcelPlayer.log.2 | 2 File | 22-03-2022 11:21 | 5,121 KB |
| AAChromeBotBrowserAgent.log.1 | 1 File | 16-03-2022 17:26 | 10,241 KB |
| Automation.ocr-abbyy | Text Document | 02-03-2022 12:25 | 43,568 KB |
| AAChromeBotBrowserAgent.log.2 | 2 File | 02-03-2022 11:25 | 10,240 KB |
| AAChromeBotBrowserAgent.log.3 | 3 File | 02-03-2022 11:05 | 10,241 KB |
| AAChromeBotBrowserAgent.log.4 | 4 File | 02-03-2022 10:55 | 10,241 KB |
| TriggerListener | Text Document | 17-02-2022 15:30 | 94 KB |
| 2022-Mar | File folder | 23-03-2022 11:36 | |
| 2022-Feb | File folder | 01-03-2022 10:00 | |

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

Q: Can I make changes to this bot?

A: 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?

A: 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.

Q: How can I change the output format of the bot?

A: When calling a subtask, the return value is always of type dictionary, and the value(s) returned from the subtask can be access through their specific variable names as a key within the dictionary. Once that value has been returned, the resulting number could be converted to a string should you need it to be.

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 | 3/23/2022 | Sikha P | |

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 |

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