Read Mail with User's Choice's Connection Type

Readme

Version 1.0

24/05/2022

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1.   Introduction

This document contains all the 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 the setup & configuration of the Bot.

1.1   Overview

This Bot will read single or bulk emails with connection types – Outlook and other email servers. While reading the email, there are three types of email options Read, Unread, and All. Emails are retrieved based on the sequence of the emails listed in the inbox field. This bot has configurable options with variables.

1.2   Use cases

a. The bot will establish a connection with an "All" connection type with the Connect action.
b. While establishing the connection, it needs to specify the details and session name of the email server. The session name will remain the same for other actions.
c. The bot will check the connection type mentioned by the user in the input parameter "iStrConnectionType".
d. If the connection type is "EmailServer" the bot will read an email from that address by entering the hostname and the port number.
e. If the connection type is "Outlook", then the user has to connect to the outlook mailbox and set up the shared mailbox in the Outlook application.
f. The bot exceptions will be caught in the Catch block with "oStrErrorMessage" and "oNumErrorLineNumber" variables which are output parameters. The calling bot can handle the scenario with these output variable values.
g. Use the "oStrSessionName" session name, as we need to use the same session name to update the actions we have captured earlier or to add new actions.
h. This bot is used to read single or bulk emails.
i. In the last step, the bot needs to terminate the connection to the mail server using the Disconnect action.
j. We can apply the filters on the following fields while reading emails, like Subject, from a specific folder, from a specific sender, before, on, or after the received date.
k. **Types of Emails:**
   - **All**: Retrieves all emails
   - **Read**: Retrieves emails that are read
   - **Unread**: Retrieves emails that are unread

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

The user should have an A2019 installed to take benefit of this automation.

Users want to automate an email-related task on a device using Microsoft Outlook, ensure that the Outlook application should be open.

Users should enable the less secure app setting.

Users should use the Email package and Credential vault.
Users must enable POP settings to automate an email-related task on the Gmail server using the POP3 protocol.

3.   Getting Started

3.1   Quick Start

3.1.1   Configuration and Use

- Download the Bot from the Bot-store.
- Check the downloaded bot in your local machine private/Public section.
- Once Bot is downloaded you are good to go for a run.
- Bot Verify connection type (Email Server/ Outlook) and read an email.
- Created read mail folder as an Output and save the all read mails under that

o   For Configuring the Bot –

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	**Type**	**Mandatory**	**Purpose**	**Example Input**
iStrFrom	String	Mandatory	From email id.	
iStrSubject	String	Mandatory	Mails subject.	
iStrConnectionType	String	Mandatory	Connection type values should be "Outlook" and "EmailServer"	
iStrHostName	String	Mandatory	Host Name of email server (value will be "smtp-mail.outlook.com", "smtp.gmail.com", if connection type is "EmailServer").	For Gmail it is Used as Imap.gmail.com
iNumPortNo	Number	Mandatory	Port Number of email server.	For Gmail it is Used as 993
iStrUserName	String	Mandatory	User name to login	
iStrPassword	String	Mandatory	Password to login.	

iStrFromSpecificSender	String	Optional	If you want to read mail from specific sender	
iStrSaveAllEmails	String	Optional	Folder path to save mail	

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.			
Variable Name	**Type**	**Mandatory**	**Purpose**
oStrErrorMessage	String	Mandatory	Error message which user will get as exception.
oNumErrorLineNumber	Number	Mandatory	Error line number of exception in the code.
dicEmailDetails	Dictionary	Mandatory	A collection of key-value pairs, in which each key is mapped to a value.

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

No.	Version Number	Date of Change	Author	Notes
1	1.0	05-05-2023	**Predikly Technologies Pvt Ltd.**	N/A

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