AUTOMATION ANYWHERE

MetaBot – SharePoint

This document covers the MetaBot functions description working the Automation Anywhere MetaBot application.

Contents

Summary

This document is intended to give an overview about MetaBot application and to assist customers wanting to learn the functions of SharePoint Metabot.

Version History

Date	Version	Descriptions	Contact Person
2019/04/26	1.0.0	First Major Release	naoya.murao@automationanywhere.com

New Features

N/A (First release)

API Changes

N/A (First release)

Fixes

-N/A

Known Issues

-N/A

Pre-Requisites

- Automation Anywhere Enterprise v11
- SharePoint Account settings

How to Use the MetaBot

Available logics within the MetaBot

No	Function Name	Function Details
1.	Authenticate	Method to perform login to SharePoint.
2.	GetSiteTitle	Method to retrieve SharePoint site title.
3.	UploadFile	Method to upload a file in local computer to SharePoint.
4.	DownloadFile	Method to download a file on SharePoint to local computer.
5.	CopyFile	Method to copy a file from one location to another within the same SharePoint site.
6.	MoveFile	Method to move a file from one location to another within the same SharePoint site.
7.	DeleteFile	Method to delete a file on SharePoint.
8.	CheckInFile	Method to check-in a file on SharePoint.
9.	CheckOutFile	Method to check-out a file on SharePoint so that other users can't edit/update it.
10.	UndoCheckOutFile	Method to undo check-out a file on SharePoint.
11.	CreateFolder	Method to create a specified folder on SharePoint.
12.	UploadFolder	Method to upload a folder in local computer to SharePoint.
13.	DownloadFolder	Method to download a folder on SharePoint to local computer.
14.	CopyFolder	Method to copy a folder from one location to another within the same SharePoint site.
15.	MoveFolder	Method to move a folder from one location to another within the same SharePoint site.
16.	DeleteFolder	Method to delete a folder on SharePoint.
17.	GetFilesURL	Method to list URLs for all files under specified folder.
18	GetFoldersURL	Method to list URLs for all folders under specified folder.
19	GetItemsURL	Method to list URLs for all files and folders under specified folder.

Logic 1: Authenticate

Function Details: Method to perform login to SharePoint.

Parameter	Type	Description and Examples
vWebURL	Input	URL for SharePoint site. Example: https://your.sharepoint.com/sites/YourTeam/
vUserName	Input	Credential ID for your SharePoint site.
vPassword	Input	Credential password for your SharePoint site.
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 2: GetSiteTitle

Function Details: Method to retrieve SharePoint site title.

Parameter	Type	Description and Examples
vOutput	Output	Site title which you are already authenticated using Authenticate logic.

Logic 3: UploadFile

Function Details: Method to upload a file in local computer to SharePoint.

Parameter	Type	Description and Examples
vLocalFIlePath	Input	The full path in your computer to be uploaded. Examples: C:\workspace\temp\sample.txt
vRemoteFilePath	Input	The relative path for a file on SharePoint. The parent folder should exist. Example: /sites/SharePointSite/Shared Documents/General/targetFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 4: DownloadFile

Function Details: Method to download a file on SharePoint to local computer.

Parameter	Type	Description and Examples
vRemoteFIlePath	Input	The relative path for a file on SharePoint which will be downloaded. Example: /sites/SharePointSite/Shared Documents/General/targetFolder/sample.txt
vLocalFilePath	Input	The full path in your computer the file will be downloaded. The parent folder should exist.

		Examples: C:\workspace\temp\sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 5: CopyFile

Function Details: Method to copy a file from one location to another within the same SharePoint site.

Parameter	Type	Description and Examples
vSourcePath	Input	The relative path for a source file on SharePoint to be copied. Example: /sites/SharePointSite/Shared Documents/General/srcFolder/sample.txt
vDestinationPath	Input	The relative path for a destination file on SharePoint. The parent folder should exist. Example: /sites/SharePointSite/Shared Documents/General/destFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 6: MoveFile

Function Details: Method to move a file from one location to another within the same SharePoint site.

Parameter	Type	Description and Examples
vSourcePath	Input	The relative path for a source file on SharePoint to be moved. Example: /sites/SharePointSite/Shared Documents/General/srcFolder/sample.txt
vDestinationPath	Input	The relative path for a destination file on SharePoint. The parent folder should exist. Example: /sites/SharePointSite/Shared Documents/General/destFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 7: DeleteFile

Function Details: Method to delete a file on SharePoint.

Parameter	Type	Description and Examples
vPath	Input	The relative path for a file on SharePoint to be deleted.

		Example: /sites/SharePointSite/Shared Documents/General/workFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 8: CheckInFile

Function Details: Method to check-in a file on SharePoint.

Parameter	Type	Description and Examples
vPath	Input	The relative path for a file on SharePoint to be checked-in. Example: /sites/SharePointSite/Shared Documents/General/workFolder/sample.txt
vComment	Input	Check-in comment if needed.
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 9: CheckOutFile

Function Details: Method to check-out a file on SharePoint so that other users can't edit/update it.

Parameter	Type	Description and Examples
vPath	Input	The relative path for a file on SharePoint to be checked-out. Example: /sites/SharePointSite/Shared Documents/General/workFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 10: UndoCheckOutFile

Function Details: Method to undo check-out a file on SharePoint.

Parameter	Type	Description and Examples
vPath	Input	The relative path for a file on SharePoint to undo check-out. Example: /sites/SharePointSite/Shared Documents/General/workFolder/sample.txt
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 11: CreateFolder

Function Details: Method to create a specified folder on SharePoint. If the folder is already there, then the error message will be in $vOutput$ parameter.

Parameter	Type	Description and Examples

		The relative path for parent folder on SharePoint which the new folder will be created. Example: /sites/SharePointSite/Shared Documents/General/workFolder
vParentFolder	Input	
vFolderName	Input	The folder name to be created.
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 12: UploadFolder

Function Details: Method to upload a folder in local computer to SharePoint.

Parameter	Type	Description and Examples
vLocalPath	Input	The full path in your computer to be uploaded. Examples: C:\workspace\temp\workFolder
vRemotePath	Input	The relative path on SharePoint folder to be downloaded. Example: /sites/SharepointSite/Shared Documents/General/workFolder
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 13: DownloadFolder

Function Details: Method to download a folder on SharePoint to local computer.

Parameter	Type	Description and Examples
vRemotePath	Input	The relative path on SharePoint folder to be downloaded. Example: /sites/SharepointSite/Shared Documents/General/workFolder
vLocalPath	Input	The full path in your computer. The parent folder should exist. Examples: C:\workspace\temp\workFolder
vOutput	Output	If any error happened, the message starts with **"FAIL:".**

Logic 14: CopyFolder

Function Details: Method to copy a folder from one location to another within the same SharePoint site.

Parameter	Type	Description and Examples
vSourcePath	Input	The relative path on source SharePoint folder to be copied. Example:

		/sites/SharepointSite/Shared Documents/General/srcFolder
vDestinationPath	Input	The relative path on destination SharePoint folder to be created. Example: /sites/SharepointSite/Shared Documents/General/destFolder
vOutput	Output	If any error happened, the message starts with **"FAIL:"**.

Logic 15: MoveFolder

Function Details: Method to move a folder from one location to another within the same SharePoint site.

Parameter	Type	Description and Examples
vSourcePath	Input	The relative path on source SharePoint folder to be moved. Example: /sites/SharepointSite/Shared Documents/General/srcFolder
vDestinationPath	Input	The relative path on destination SharePoint folder to be created. Example: /sites/SharepointSite/Shared Documents/General/destFolder
vOutput	Output	If any error happened, the message starts with **"FAIL:"**.

Logic 16: DeleteFolder

Function Details: Method to delete a folder on SharePoint.

Parameter	Type	Description and Examples
vPath	Input	The relative path on SharePoint folder to be deleted. Example: /sites/SharepointSite/Shared Documents/General/workFolder
vOutput	Output	If any error happened, the message starts with **"FAIL:"**.

Logic 17: GetFilesURL

Function Details: Method to list URLs for all files under specified folder.

Parameter	Type	Description and Examples
vPath	Input	The relative path on SharePoint folder. Example: /sites/SharepointSite/Shared Documents/General/workFolder
lstFilesURL	Output	List contains URLs for all files under a folder specified as

		$vPath$.

Logic 18: GetFoldersURL

Function Details: Method to list URLs for all folders under specified folder.

Parameter	Type	Description and Examples
vPath	Input	The relative path on SharePoint folder. Example: /sites/SharepointSite/Shared Documents/General/workFolder
lstFoldersURL	Output	List contains URLs for all folders under a folder specified as $vPath$.

Logic 19: GetItemsURL

Function Details: Method to list URLs for all files and folders under specified folder.

Parameter	Type	Description and Examples
vPath	Input	The relative path on SharePoint folder. Example: /sites/SharepointSite/Shared Documents/General/workFolder
lstItemsURL	Output	List contains URLs for all files and folders under a folder specified as $vPath$.