Perform Various SharePoint Operations

Bot Overview

This bot performs the various operations for SharePoint Online as follows:

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.

Pre-Requisites

- Automation Anywhere Enterprise v11.3 and higher
- SharePoint Account settings

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 Store 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.

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

- <AA Directory>
    o My Tasks
        ▪ Bot Store
            • SharePointMetaBot
                o My Tasks
                    ▪ SharepointAPI-Authenticate.atmx
                    ▪ SharepointAPI-FileOperation.atmx
                    ▪ SharepointAPI-FolderOperation.atmx
                    ▪ SharepointAPI-GetItems.atmx
                o My Metabots
                    ▪ SharePointMetabot.mbot
                o My Docs
                o Error Folder
                    ▪ Logs (Folder)
                    ▪ Snapshots (Folder)
                o Input Folder

How to Use the Bot:

- See the SharePointMetaBot_Readme.pdf in your installed folder.

Error 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 error.

Bot Deployment

BOTNAME.zip

AA Directory

My Tasks

Bot Store

Bot Name

My Tasks
.atmx (s)

Copy

My Tasks
.atmx (s)

Error Folder

Logs
Error Logs mm-dd-yyyy.txt

Copy

Snapshots
Error Snap mm-dd-yyyy.png

InputFiles
.docx, .xlsx, .txt, .csv etc.

Copy

My Metabots
.mbot (s)

Copy (If Applicable)

My Docs
.docx etc.

Copy (If Applicable)

Error Folder

Logs
Error Logs mm-dd-yyyy.txt

Snapshots
Error Snap mm-dd-yyyy.png

InputFiles
.docx, .xlsx, .txt, .csv etc.

My Metabots
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