Files Folder Housekeeping Utility - Readme

Version: 1.1
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Bot Overview

Effective disk utilization for automation can give faster execution of the bots. Typical file IO operations need housekeeping of the folders used for automation execution. Automation needs clean-up and archive facilities to manage their working folders. Activities like deleting unused older files take extra effort. File-Folder housekeeping utility provides configurable options for clean-up, archival, and deletion of the files through configuration. This utility also provides a log file in the CSV format. The log CSV contains the information of the operation like deletion and archival.

The utility offers four types of clean-ups
- Delete all the folder and files created before the given number of days.
- Delete only files keeping folder structure as is for created before the given number of days.
- Delete all files and folders after a given level of subfolders. It also provides criteria to keep folders created before a given number of days.
- Move the files to the given archive folder created before a given number of days.

Pre-Requisites
- Automation Anywhere Enterprise v11.x
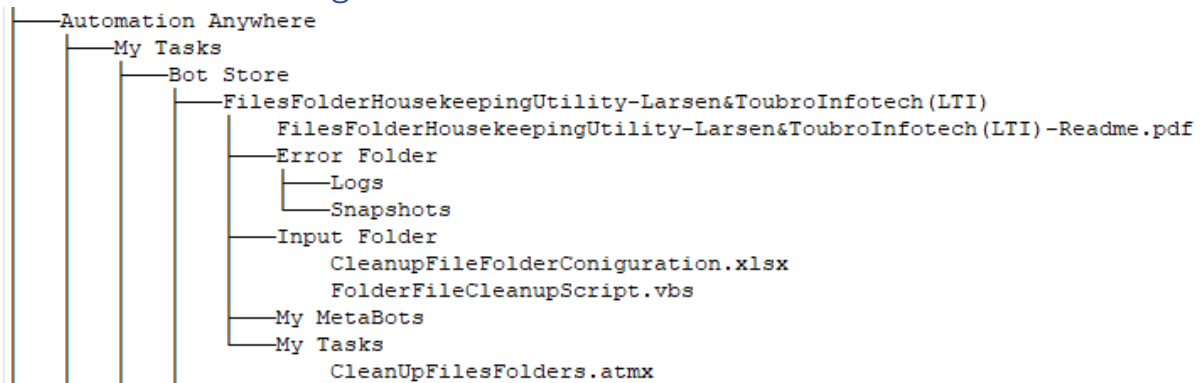- Read write access to required folders

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.

Uninstall
- Open Add/Remove Programs
- Select the Bot/Digital Worker to be installed.
- Click uninstall.

LTI
Let's Solve

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

```
├──Automation Anywhere
│   ├──My Tasks
│   │   ├──Bot Store
│   │   │   ├──FilesFolderHousekeepingUtility-Larsen&ToubroInfotech(LTI)
│   │   │   │       FilesFolderHousekeepingUtility-Larsen&ToubroInfotech(LTI)-Readme.pdf
│   │   │   ├──Error Folder
│   │   │   │   ├──Logs
│   │   │   │   └──Snapshots
│   │   │   ├──Input Folder
│   │   │   │       CleanupFileFolderConiguration.xlsx
│   │   │   │       FolderFileCleanupScript.vbs
│   │   ├──My MetaBots
│   │   └──My Tasks
│   │           CleanUpFilesFolders.atmx
```

How to Use the BOT?

Use the following variable and parameters to configure your bot.

Parameter Name	Type	Additional Info
vLevelOfFolderToBeDeleted	config	This is a configuration parameter, which holds the value of the subfolder level user needs to delete after.
vCleanupScriptFilePath	config	This is an input VBS script file path used by the bot to perform the given operation.
vThreshold	config	This is a configuration parameter in the config.xml file, which holds the value of threshold value in number. Value specifies files older than given days needed to be deleted.
vTargetFolderPath	config	This variable will hold the value of the folder to archive.
vArchiveFolderPath	config	This is the archive folder that bot will use to move the files created before the threshold days.
vCleanupType	config	This is a configuration parameter in the config.xml file, which holds the Clean-up type value in number, which specifies the clean-up operation type. There are four types of clean-up operations. Please refer clean-up sheet in the configuration file.
vErrorFolder	config	This is the folder path where process logs and snapshots stored.
vScriptOutputLogFilepath	config	This is the log path for script execution activity in CSV format.

Notes:

- The BOT configuration file must be available in AA My Docs folders. Configuration file path: "\Automation Anywhere Files\Automation Anywhere\My Docs\CleanupFileFolderConfiguration.xlsx".
- The user must provide an error Folder path. The bot stops after showing the error message if the user does not provide the Error Folder path.
- There are four types of Clean-up types user must provide (Example-3 or 4) (BOT variable –vCleanupType)

There are the descriptions for each clean-up type-

Clean-Up Type	Description
1	Delete all the files created before the threshold in the given target folder and subfolders.
2	Delete Files and Folders both, created before the threshold.
3	Delete all file created before the threshold along with forth level sub-folders.
4	Move all the files created before the threshold, from the given source folder to the given Archive folder. (It moves subfolders files also)

Bot Dependency Files Details:

- Script file path for process –ExcelCustomFilter- Automation Anywhere\My Scripts\FolderFileCleanupScript.vbs

Error Handling

- The automation captured all the exceptions and logged those exceptions. Bot stored follows the below-mentioned hierarchy to store details of the exceptions.
  - **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.