File Watcher Readme

Bot Overview

Many times, we require to automate a process whose input is the new file in a folder. This job can be done in the processing BOT, but this will lead to the complexity of the process. We all need a solution for this scenario where we get the input in a queue form which can be either excel or DB. And the solution is a File Watcher, it checks the folder on continuous basis and provide you the queue of file locations.

This Automation Anywhere BOT monitors a specific folder for new files in that folder. The files which are created in last x (any number) minutes will be picked up by the BOT. The extracted files from the folder will be logged in an excel queue. The queue contains the location of the file, created time, unique ID for each file.

This BOT is very useful in monitoring the activities in a folder and picked up files can be used as the input for another process. The BOT can be scheduled to run 24X7 every x minutes to not lose any file.

Pre-Requisites:

- Automation Anywhere Enterprise V11.3

Installation:

- Download the bot from Bot Store.
- Double click on <File Watcher>.msi and follow the installation instructions.
- Installer creates the following folder structure with content under the <AA Directory>
- <AA Directory>
    o My Tasks
        ▪ Bot Store
            • File Watcher
                ▪ Error Folder
                    • LogsDayMonthYear.txt
                ▪ Input Folder

- Config.xml
- DateDiff.vbs
- Kill_excel.vbs
  - My MetaBots
    - FileFolderInfo.mbot
    - GUIDGenerator.mbot
  - My Tasks
    - GetLastRowOfQueue.atmx
    - KillApplications.atmx
    - Main.atmx
    - ReadConfig.atmx
    - SortQueueColumn_CreatedOn.atmx
    - UpdateQueue.atmx
  - Work Files
    - Folder To Monitor
    - File Location Queue_Template.xlsx

How to Use the bot:

Use the following information to configure your bot:

Parameter Name	Type	Additional Info.
Folder_To_Monitor	String	Provide the folder path for the bot to monitor for new incoming files.
File_Types_Allowed	String	Mention the file types which the bot need to monitor. E.g. (.xlsx, .pdf)
QueueFilePath	String	Provide the file path where file details need to be logged.

Error Handling:

The bot folder contains the folder named 'Error Folder':

- Logs_MonthDayYear.txt: This file logs each step performed by the bot. In case of error, this file logs error message along with the timestamp.
- Task status of bot is set to failed in case of error.