

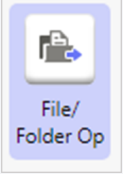
# File Folder Op

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Technical contact to [tech@argos-labs.com](mailto:tech@argos-labs.com)

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- [Actions](#)
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- [System Calls](#)
- [Interactives](#)



File/  
Folder Op

## File/Folder Operations

File/Folder Operations(**FF Op**) is a very powerful tool for **EDI** type automation when used with [File Monitor] operation.

### Primary Features

- Copies a file from a folder to another
- Moves a file from a folder to another
- Removes a file from folder to another
- Creates a file at any directory
- Rename file

Update 2021.02.18

## Input (Required)

- Function must be selected from the 4 options below
  1. Copy                      You can copy folder or file
  2. Move                      You can move folder or file
  3. Remove                    You can remove (delete) folder (contents too) or file
  4. Create                    You can generate folder (empty) or file (0KB)
- Source File or Folder must be designated for all 4 functions below
  - Copy                      --- put the original folder or file path to be copied
  - Move                      --- put the folder or file path to be moved
  - Remove                    --- put the folder or file path to be removed
  - Create                    --- put the folder or file path to be created
- Target File or Folder must be designated for the 2 functions blow
  - Copy                      --- put the new folder name or file name in full path format
  - Move                      --- put the new folder name or file name in full path format

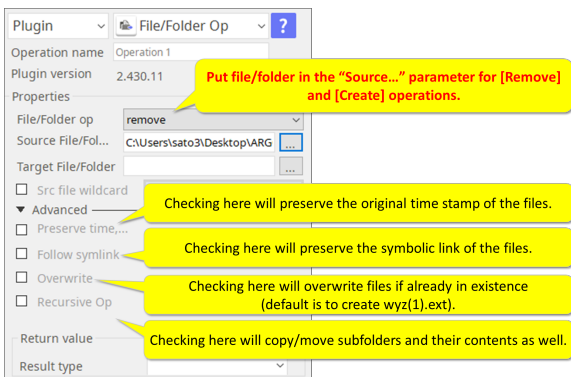
## Input (Advanced)

- Preserve timestamp                      --- keeps the original time stamp when copied
- Follow symlink                              --- copies and moves with all the symbolic links
- Overwrite                                      --- overwrites If newly generated file name already exists
  - if not checked, (n) will be added to the end of the new file name
  - folders are always overwritten
- Recursive Op                                  --- when folder is operated, the operation includes to subfolders

## Output (Return Value)

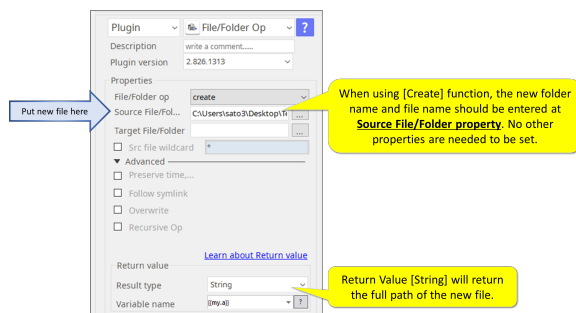
- String should be selected
- Return Value is the full path of folder or file that is newly made

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## Create function

You can create any files with any extension. The file size will be zero byte (0KB).



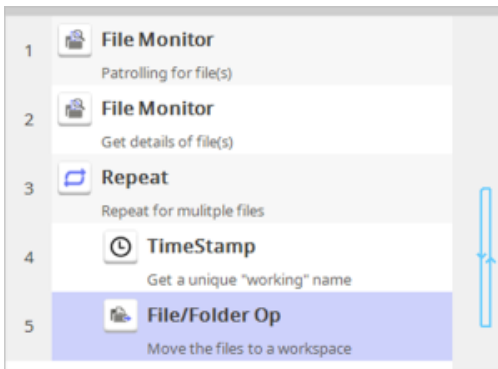
### Use case 1

1. Prepare variables.
2. Setup [File Monitor] as a watch dog.
3. Setup [File Monitor] as a watch dog.
4. Setup Repeat (just in case you find multiple target files).
5. Get a time stamp for a unique temporary file name (working file name).
6. Move the file to a working folder with a temporary name.

## Use Case 1

**Moving file(s) to a working folder with temporary file name.**

**Bot looks like this. 4 operations (5 operations with a Repeat loop)**



## 1. Prepare variables.

Variable settings are in the Settings menu

User variables in Scenario

Group name: [Dropdown]

Variable name: [Please Input Variable Name] ☐ Array

VariableList

Group name	Variable name	IsArray
GroupA	VariableA	<input type="checkbox"/>
GroupA	FileCNT	<input type="checkbox"/>
GroupA	FileDetails	<input type="checkbox"/>
GroupA	TmpFileName	<input type="checkbox"/>

Prepare "variables" like in this example.

OK Cancel

## 2. Setup [File Monitor] as a watch dog.

The screenshot shows a workflow editor with a sequence of five steps:

- File Monitor** (Patrolling for file(s)) - This step is highlighted with a purple box and a blue double-headed arrow pointing to its configuration panel.
- File Monitor** (Get details of file(s))
- Repeat** (Repeat for multiple files)
- TimeStamp** (Get a unique "working" name)
- File/Folder Op** (Move the files to a workspace)

The configuration panel for the first **File Monitor** step is open, showing the following settings:

- Plugin:** File Monitor
- Operation name:** Patrolling for file(s)
- Plugin version:** 1.424.1142
- Properties:**
  - Folders to monitor:** C:\Users\sato3\Desktop\Cust... (with a browse button)
  - ☒ **Search for:** \*.xlsx (with a plus button)
  - Advanced:**
    - ☐ **Timeout:** 10
    - ☐ **Filename(s) in ...**
    - ☐ **Move-to folder:**
    - ☐ **Inc subfolders**
    - ☐ **Details in CSV**
- Return value:**
  - Result type:** String
  - Variable name:** GroupA.FileCNT (with a question mark icon)

Yellow callout boxes provide additional instructions:

- "No need for screenshot" points to the top of the configuration panel.
- "Select a folder to watch" points to the "Folders to monitor" field.
- "Select file type to watch" points to the "Search for" field.
- "Leave time-out unchecked to make it 'watch until you find it'" points to the "Timeout" checkbox.
- "It will return number of files it found as a string" points to the "Result type" dropdown.

At the bottom of the workflow editor, there are three icons: a play button, a plus button, and a trash button.

## 3. Setup [File Monitor] as a watch dog.

1 **File Monitor**  
Patrolling for file(s)

2 **File Monitor**  
Get details of file(s)

3 **Repeat**  
Repeat for multiple files

4 **TimeStamp**  
Get a unique "working" name

5 **File/Folder Op**  
Move the files to a workspace

No need for screenshot

Select a folder to watch

Select file type to watch

Selecting CSV will give you info below  
# of files, file path, file size

csv head is  
index, filepath, filesize

This tool automatically generates your variable. Just specify the group name here. CSV header becomes your variable name.  
(ie. {{FileDetails.index(1)}} holds 1.)

Plugin: File Monitor  
Operation name: Get details of file(s)  
Plugin version: 1.424.1142  
Properties:  
Folders to monitor: C:\Users\sato3\Desktop\Cust...  
☒ Search for: \*.xlsx  
Advanced:  
☐ Timeout: 10  
☐ Filename(s) in ...  
☐ Move-to folder  
☐ Inc subfolders  
☐ Details in CSV  
Return value:  
Result type: CSV  
Group name: FileDetails

#### 4. Setup Repeat (just in case you find multiple target files)

Also refer to [Benny's Secret Functions](#).

The screenshot shows a workflow editor with a list of steps on the left and a detailed configuration panel on the right. The steps are:

- 1 File Monitor (Patrolling for file(s))
- 2 File Monitor (Get details of file(s))
- 3 Repeat (Repeat for multiple files) - This step is highlighted with a purple box.
- 4 TimeStamp (Get a unique "working" name)
- 5 File/Folder Op (Move the files to a workspace)

The configuration panel for the 'Repeat' step is shown on the right. It includes fields for 'Action' (set to 'Repeat'), 'Operation name' (set to 'Repeat for multiple files'), and 'Delay' (set to 0.5). Under 'Properties', the 'Last operation' is set to '[5] Move the files t'. The 'Advanced' section is expanded, showing 'Use index' checked, 'Range' set to 1 to 1, and 'Increment' set to 1. The 'Variable use case' is set to '{{rp.index}}'. A purple circle highlights the copy icon next to the variable.

Annotations (yellow callouts) provide additional instructions:

- "No need for screenshot" points to the top of the configuration panel.
- "Check this box so that you can use the count up variable. {{rp.index}}" points to the 'Use index' checkbox.
- "No need to worry about range because the variable knows the count." points to the 'Range' field.
- "Use (COUNT) function. Refer Benny's Secret Functions {{FileDetails.index(COUNT)}}" points to the 'Last operation' dropdown.
- "Register the two following operations to be included in the loop" points to the 'Advanced' section.
- "Click here to copy {{rp.index}} It is handy." points to the copy icon next to the variable.

5. Get a time stamp for a unique temporary file name (working file name).

1 **File Monitor**  
Patrolling for file(s)

2 **File Monitor**  
Get details of file(s)

3 **Repeat**  
Repeat for multiple files

4 **TimeStamp**  
Get a unique "working" name

5 **File/Folder Op**  
Move the files to a workspace

No need for screenshot

Plugin TimeStamp

Operation name Get a unique "working" name

Plugin version 1.722.1407

Properties

☒ DateTime Format YYYYMMDD-HHMMSS

Return value

Result type String

Variable name {{GroupA.TmpFileName}}

Check here to change format

Use the variable you pre-set.

Select a format

Select String

6. Move the file to a working folder with a temporary name.

1 **File Monitor**  
Patrolling for file(s)

2 **File Monitor**  
Get details of file(s)

3 **Repeat**  
Repeat for multiple files

4 **TimeStamp**  
Get a unique "working" name

5 **File/Folder Op**  
Move the files to a workspace

No need for screenshot

You can use 2 FF Operations consecutively to first [copy] and then [move]

{{FileDetails.filepath({{rp.index}})}}}

C:\Users\sato3\Desktop\Custom Demo Folder\Folder Temp\{{GroupA.TmpFileName}}.xl

Return Value holds no data

Plugin **File/Folder Op**

Operation name Move the files to a workspace

Plugin version 1.620.1721

Properties

File/Folder op **move**

Source File/Fol... {{FileDetails.filepath({{rp.index}})}}}

Target File/Folder {{GroupA.TmpFileName}}.xlsx

☐ Folder Wildcard \*

☐ Advanced

☐ Preserve time,...

☐ Follow symlink

☐ Overwrite

Return value

Result type String

Variable name {{GroupA.VariableAll}}

## All Plugins

- ABBYY Download
- ABBYY Status
- ABBYY Upload
- AD LDAP
- Adv Send Email
- API Requests
- ARGOS API
- Arithmetic Op
- ASCII Converter
- Attach Image
- AWS S3
- AWS Textra Rekog
- Base64
- Basic Numerical Operations
- Basic String Manipulation
- Bot Collabo
- Box
- Box II
- Chatwork GetMessage
- Chatwork Notification
- Citizen Log
- Clipboard
- Codat API
- Convert CharSet



- [Convert Image](#)
- [Convert Image II](#)
- [Create Newfile](#)
- [CSV2XLSX](#)
- [Data Plot I](#)
- [DeepL Free](#)
- [Detect CharSet](#)
- [Dialog Calendar](#)
- [Dialog Error](#)
- [Dialog File Selection](#)
- [Dialog Forms](#)
- [Dialog Info](#)
- [Dialog Password](#)
- [Dialog Question](#)
- [Dialog Text Entry](#)
- [Dialog Text Info](#)
- [Dialog Warning](#)
- [DirectCloud API](#)
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- [Email Read Mon](#)
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- [Env Var](#)
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- [File Folder Op](#)
- [File Status](#)
- [Fixed Form Processing](#)
- [Floating Form Processing](#)
- [Folder Monitor](#)
- [Folder Status](#)
- [Folder Structure](#)
- [FTP Server](#)
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- LINE Notify
- LINE Receipt OCR
- Microsoft Teams
- MongoDB
- MQTT Publisher
- MS Azure Text Analytics
- MS Word Extract
- NAVER OCR
- Newuser-SFDC
- OCI
- OCR PreProcess
- OpenAI API
- Oracle SQL
- Outlook
- Outlook Email
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- pandas III
- PANDAS profiling
- Parsehub
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- Path Manipulation
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- PDF2Table
- PDF2TXT
- PDF Miner
- PDF SplitMerge
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- PowerShell
- PPTX Template
- Print 2 Image
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- QR Read
- RakurakuHanbai API
- Regression
- Rename File
- REST API
- Rossum
- Running GAS
- Scrappy Basic
- Screen Capture
- Screen Recording START
- Screen Recording STOP
- Screen Snipping
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- SharePoint
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- Simple SFDC
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