

# Automation

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# Short description

The concept of automation is based on drawing up a plan of actions that will be carried out sequentially.

An action always has parameters (variables) that are supplied to the input and those that are obtained at the output as a result of performing the action. Actions are building blocks from which you make your plan.

Variables or parameters can be of different types. These can be  *links*,  *files*, or  *texts*.

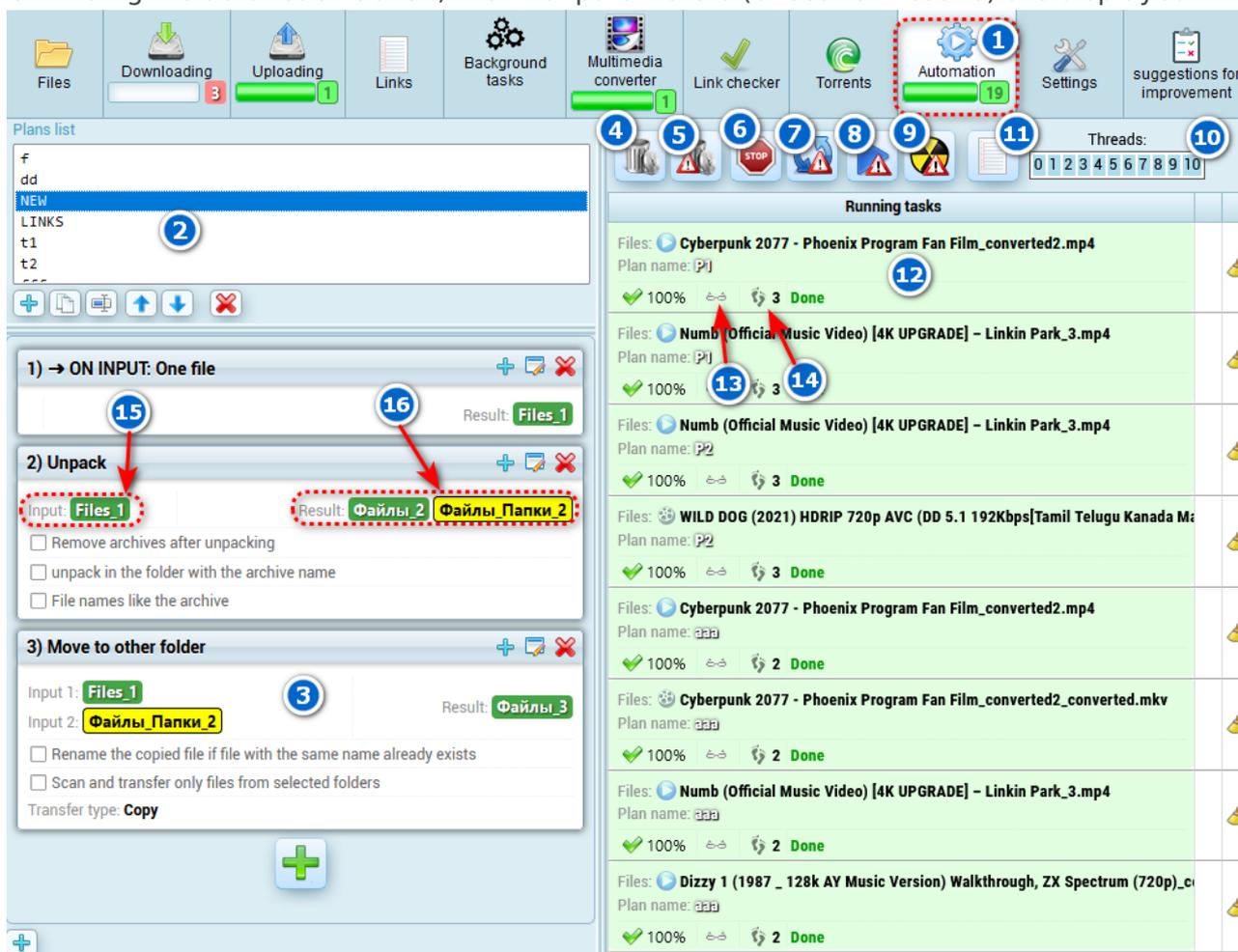
"Files" is a common type for files and for folders. Later, as a result of performing actions, there may be variables of the "files" type at the output, but already with the "folders" subtype. I.e., a specific class of "files" is specified.

"Texts" can be of two types, just texts and "posts". The posts will be displayed in the Automation posts viewer (see below), but there will be no simple texts. They can be used to send other actions to the input.

## Description of interface elements

1. Click on the "Automation" tab
2. List of automation plans
3. A list of actions in the selected automation plan
4. The button for clearing successfully completed automation tasks
5. The button for clearing automation tasks completed with errors
6. Button for stopping active automation tasks
7. The button for restarting automation tasks with errors
8. The button for starting automation tasks with errors from the place where they were stopped
9. The button for clearing automation tasks with the deletion of all temporary files created during execution
10. Switch the number of automation tasks performed simultaneously in parallel
11. The button for displaying ready-made posts

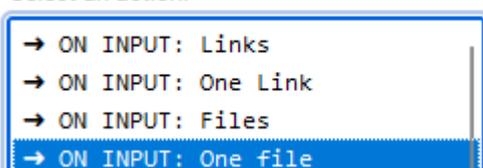
12. List of current automation tasks
13. The button allows you to view the contents of all parameters (variables) at the current moment of the task. Convenient for debugging
14. The counter shows which action number the task of completing the automation plan is on. If an error occurs, you can use this counter to determine the action number in the plan where the error occurred.
15. On the left side of each action, the parameters accepted by the action (submitted for input) are displayed.
16. On the right side of each action, the final parameters (execution results) are displayed



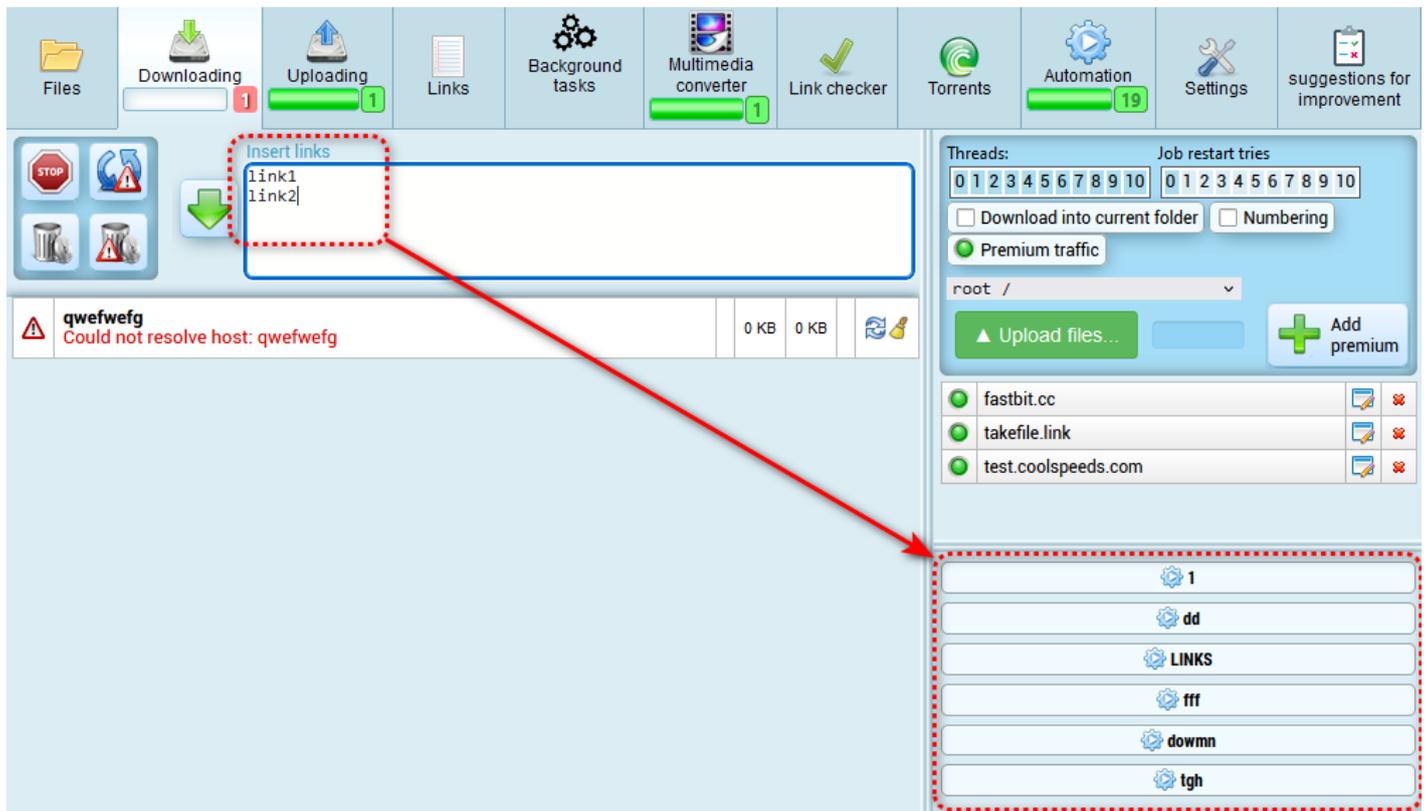
## Adding actions to a plan

The first action in the plan determines the place where you can run it for execution.

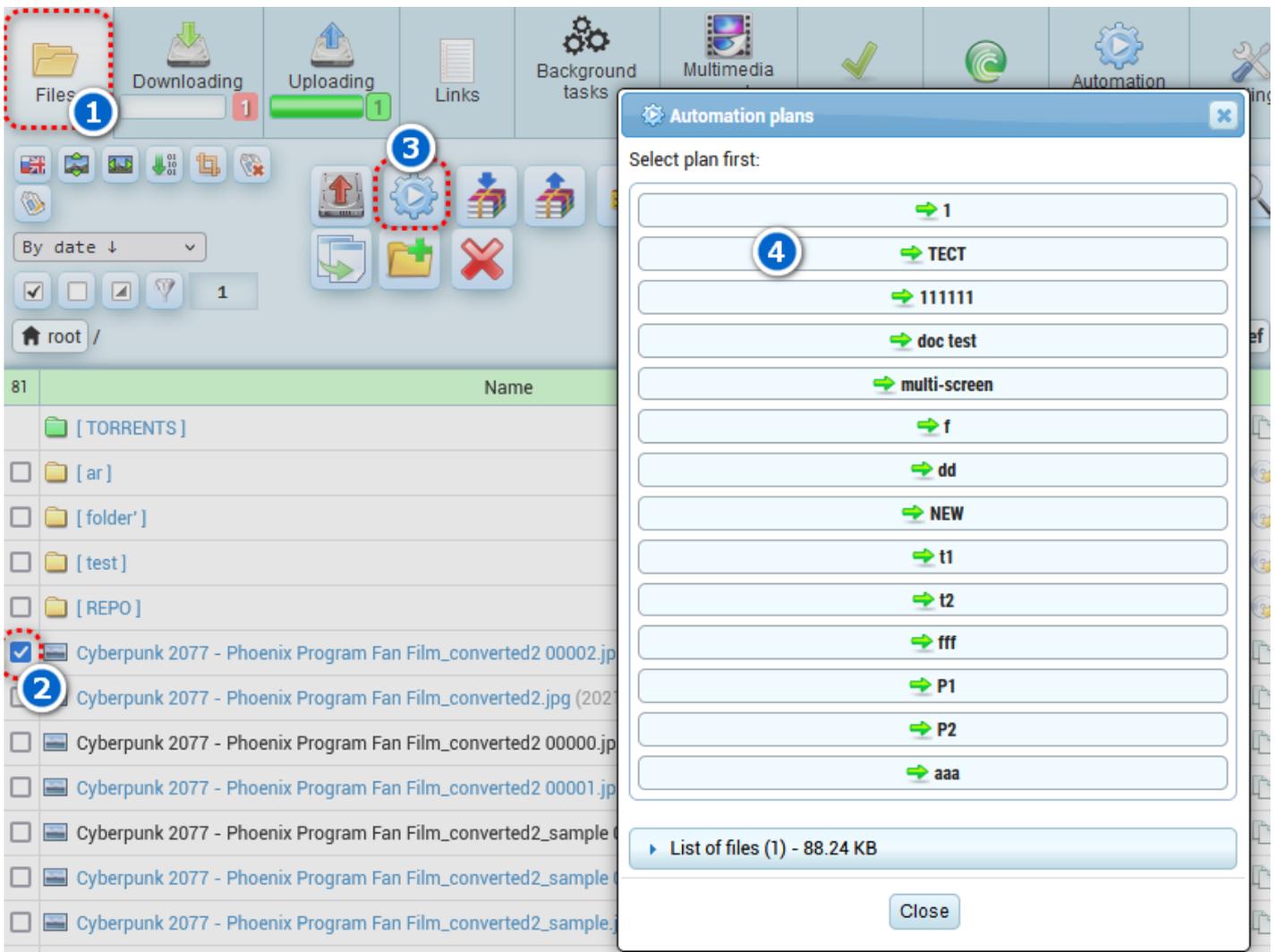
Select an action:



If the first action is to do "LOG IN: Links" (or "One link"), then you can launch this plan on the download tab of the service. The inserted download links will be transferred to the input of the first action of the plan.



If the first action is to do "INPUT: Files" (or "One file"), then you can run this plan on the Files tab of the service. the selected files will be transferred to the input of the first action of the plan.



- If you select "Files" or "Links", then if you run the plan on a set of links or files, they will all be immediately transferred as a list to the input of a single task. For example, you have selected 10 files and launched a plan, one automation task will be launched, which will process all 10 files at once.
- If you select "One link" or "One file", this means that you do not want the plan to process many files or links at one time, but you want it to process each link or file individually (i.e. in parallel). Then each link or file will have its own separate automation task running. For example, you have selected 10 files and launched a plan, 10 tasks of this plan will be launched in parallel, each task will process one of the 10 files.

## Viewing automation results (posts)

If there was an action 'generate text from template' or 'generate post from file history' in the automation plan, the result of these actions can be viewed in a separate window when you click on

the button in the form of a list.

Here you can select posts by the name of the automation plan. You can select a separator - text to be inserted between posts to separate them from each other. You can also choose the type of formatting of links separately for exchangers and for photo exchangers.

**Posts**

Plans list:  
TECT

Divider:

For fileshares

Links
<b>BBCode</b>
HTML

For image-shares

Links
<b>BBCode</b>
HTML

Description:  
Test descriptions  
Tags:  
Test tags  
Mediainfo:  
Video: AVC, 1920x1080, 23.976 FPS, 6794 kb/s  
Audio: MPEG Audio Layer 3, 44.1 kHz, 2 channels, 320 kb/s  
Duration: 00:03:07  
und

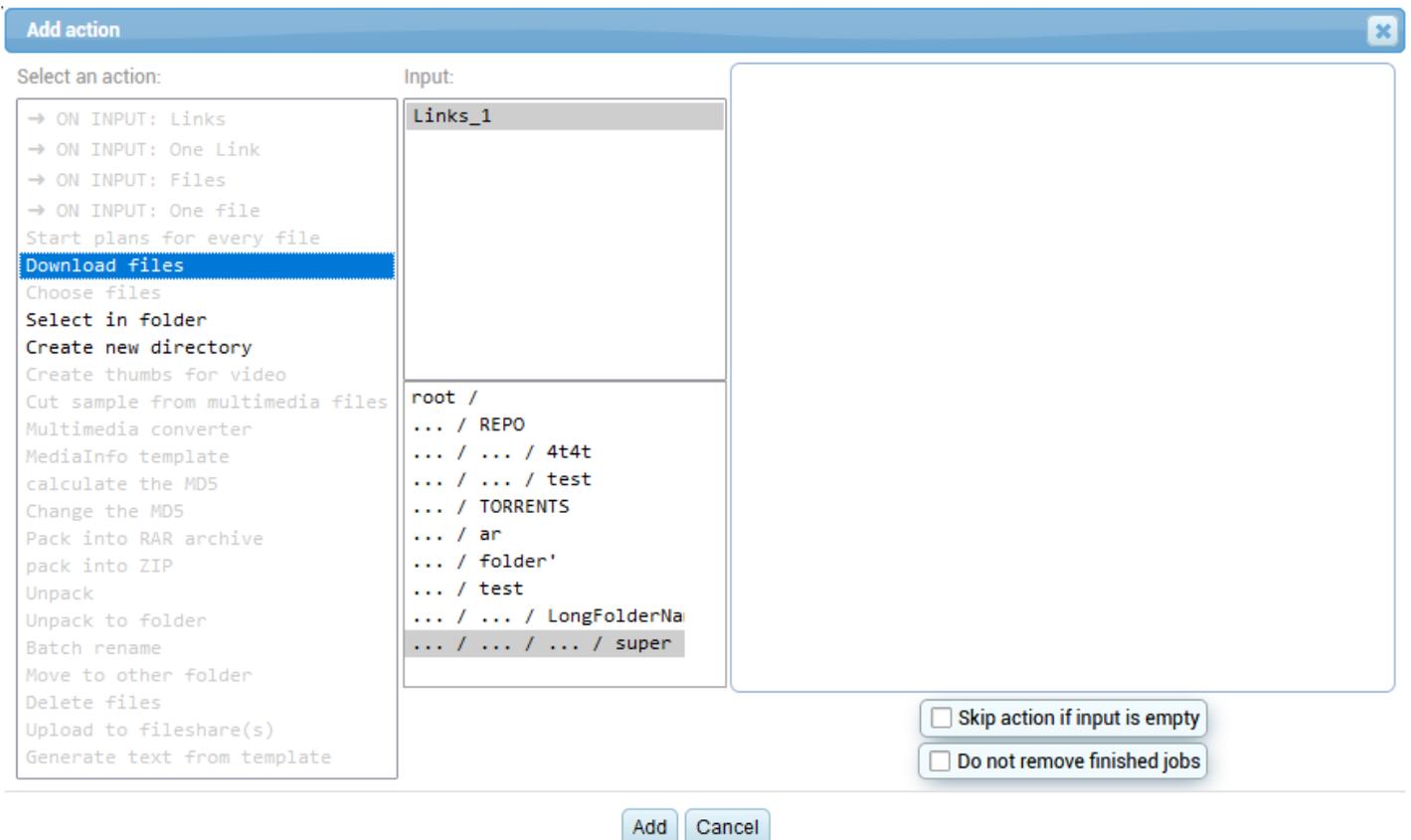
Sort according to post index inside a plan  Replace https with http  Include errors in output results

Close

# List of actions

# Download links

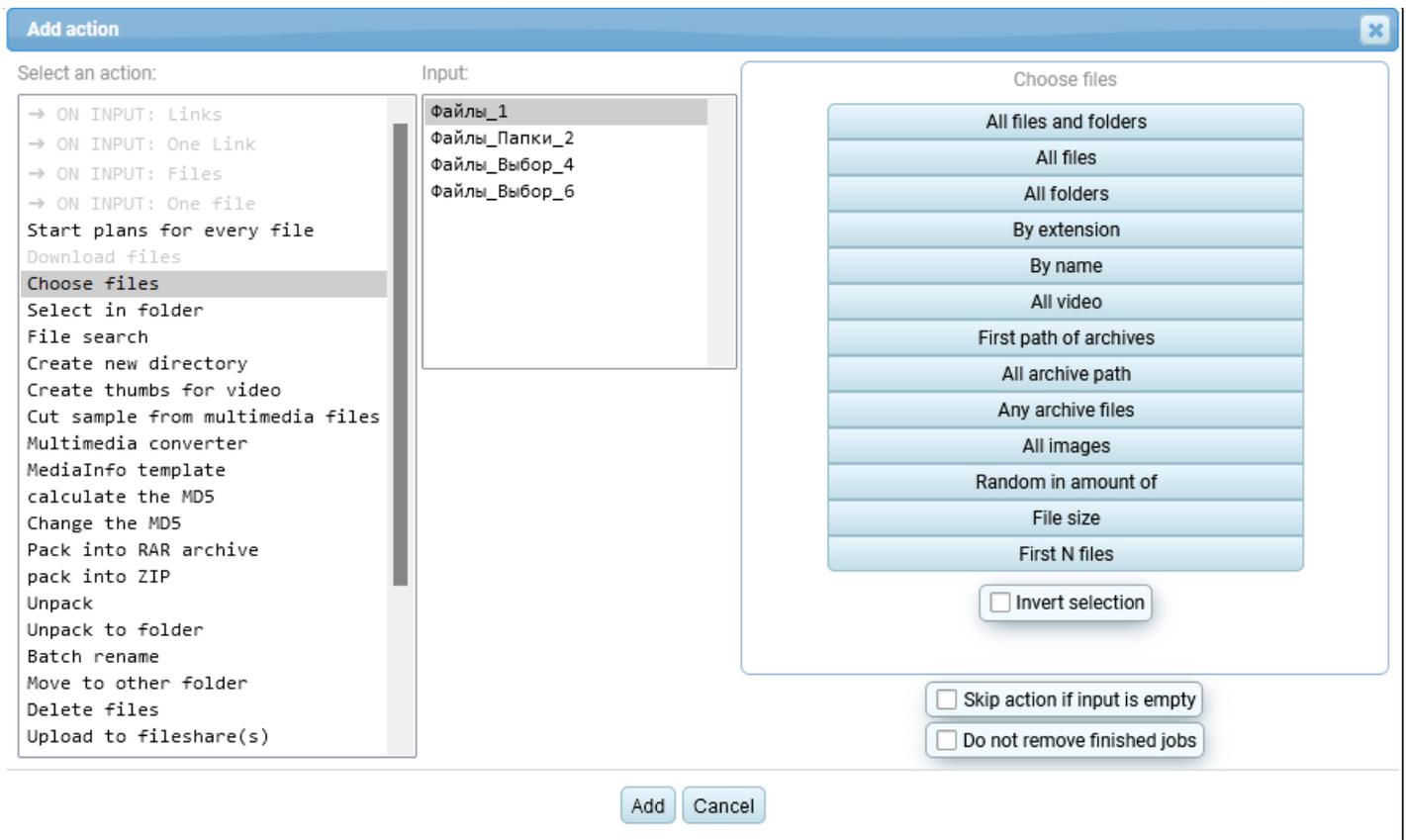
If the first action in the automation plan is “INPUT: Links” or “INPUT: One Link”, then you can add the “Download Links” action. It will be necessary to select the links that were submitted for input and the folder where the files should be downloaded.



# Select files

This action allows you to filter (select) from the input file list those files that meet the necessary conditions.

- All files and folders - all files submitted to the input is output as a result (makes no sense).
- All files - selects only files, ignores folders
- All folders - selects only folders, ignores files (the output variables will have the subtype 'folder').
- By extension - selects only those files that have the same extension that can be specified.
- By name - selects only those files and folders whose name contains the required text string that can be specified.
- All video - selects all video files
- First parts of archives - selects the first volumes of multivolume archives
- All archive parts - selects all parts of multi-volume archives
- Any archive files - selects all files belonging to archives
- All images - selects all images
- Random in quantity - selects random files or folders from the input, the quantity can be specified.
- File size - allows you to specify an expression, if it is met, the selection will be made (see below).
- First N files - selects the first N files from the list of files or folders passed to the action, the number can be specified.



## Applying the 'File Size' filter

For this filter, you can write an expression with conditions regarding the file size, to select files according to their sizes.

The following variables can be used in the expression, which will be replaced by the corresponding numeric values

```
[file_sum] - the sum of all files passed to the action input
[file_max] - size of the largest file of all files passed to the action input
[file_min] - size of the smallest file of all files passed to the action input

[kB] - will be replaced by *1000 (converts kilobytes to bytes)
[KiB] - will be replaced by *1024 (converts kibibytes to bytes)
[MB] - will be replaced by *1000000 (converts megabytes to bytes)
[MiB] - will be replaced by *1048576 (converts mebibytes to bytes)
[GB] - will be replaced by *1000000000 (converts gigabytes to bytes)
[GiB] - to be replaced by *1073741824 (converts gibibytes to bytes)
[TB] - to be replaced by *1000000000000 (converts terabytes to bytes)
[TiB] - will be replaced by *1099511627776 (converts tebibytes to bytes)
```

Since the expression is applied each time for only one file from the list, the variables [file\_sum], [file\_max], [file\_min] will be the same and always equal to the size of the file being checked.

For example, the expression

```
[ file_sum ] > 1[ GB]
```

Means: Select all files that are larger than 1 Gigabyte.

List of actions

# Select in the folder

This action is similar to the action [Select files](#) except that the action input is not files, but a folder. The contents of the files are scanned and the files/folders in the folder are selected according to the selected conditions.

List of actions

# Create a folder

A folder from the previous actions is input or manually selected from the file system. The name of the new folder is specified.

Output: New folder

List of actions

# Create screenshots/screenlist

On entry:

- files

Selects a profile [Screenshot/Screenlist Generator](#)

Output:

- Files -> RAR whole archives
- Files -> RAR volumes

List of actions

# Cut a sample from multimedia files

On entry:

- Files

A profile is selected for [Video file cropper](#)

Output:

- Files -> Cropped multimedia file

List of actions

# Multimedia converter

On entry:

- files

The profile is selected [Multimedia converter](#)

On exit:

- Files -> Converted multimedia file

List of actions

# Mediainfo template

On input:

- Files

Select profile for [Mediainfo](#)

On exit:

- Text -> video information received by template

List of actions

# Calculate MD5

On entry:

- files

On output:

- Text -> MD5 hash string

List of actions

# Change MD5

On entry:

- files

A random byte will be added to the end of the file

List of actions

# Pack into a RAR archive

On entry:

files

[RAR archiver](#) profile is selected

On output:

Files -> RAR whole archives

Files -> RAR volume parts

List of actions

# Pack into a ZIP archive

On entry:

- files

ZIP archiver profile is selected

On output:

- Files -> ZIP Archive

List of actions

# Unpack archive

On entry:

- files

Options:

Delete archives after unpacking
--

Extract to the folder with the archive name
---

File names like the archive
-----------------------------------

For a description of the options, see [HERE](#)

Output:

- Files -> unpacked files from the archive
- Files -> folder where files were unpacked to if 'Unpack to folder with archive name' option was selected

List of actions

# Unpack to folder

On entry:

- files
- folder where the files should be unpacked

Options:

Delete  
archives  
after  
unpacking

Extract to  
the folder  
with the  
archive  
name

File names  
like the  
archive

For a description of the options, see [HERE](#)

Output:

- Files -> unpacked files from the archive
- Files -> folder where files were unpacked to if 'Unpack to folder with archive name' option was selected

List of actions

# Bulk file renaming

Input:

- files

The profile is selected from [Bulk file renaming](#)

Output:

- Files -> renamed files

List of actions

# Move to another folder

Input:

- files
- Destination folder

Options:

Rename the copied file if there is already a file with the same name
Scan and transfer only files from selected folders
Move / copy

Description of options [see here](#)

Output:

- Files -> moved files

List of actions

# Remove files

Input:

- Files

It just deletes the files.

# Upload to the file exchanges

The automation uses the normal file upload function, so all the options available on the 'upload' tab are applicable to it. Namely, the number of restarts of unloading tasks in case of errors and the number of parallel tasks for unloading. They can be set there as well.

## Input:

- Files

## Options:

- List of file exchangers for uploading
- A template for 'link' and a template for 'Header'. These are used to generate a formatted representation of the link after upload (e.g. for BBCode it will look like `[ URL=URL ]Header[ /URL ]`). Description of variables for the template [see here](#)
- File upload order switch.

1) All files to each file exchanger
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2) Each file to the all file exchangers
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Affects the sequence of interleaving of received references.

- Separation type switch for formatted links

New line
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Space
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Empty line
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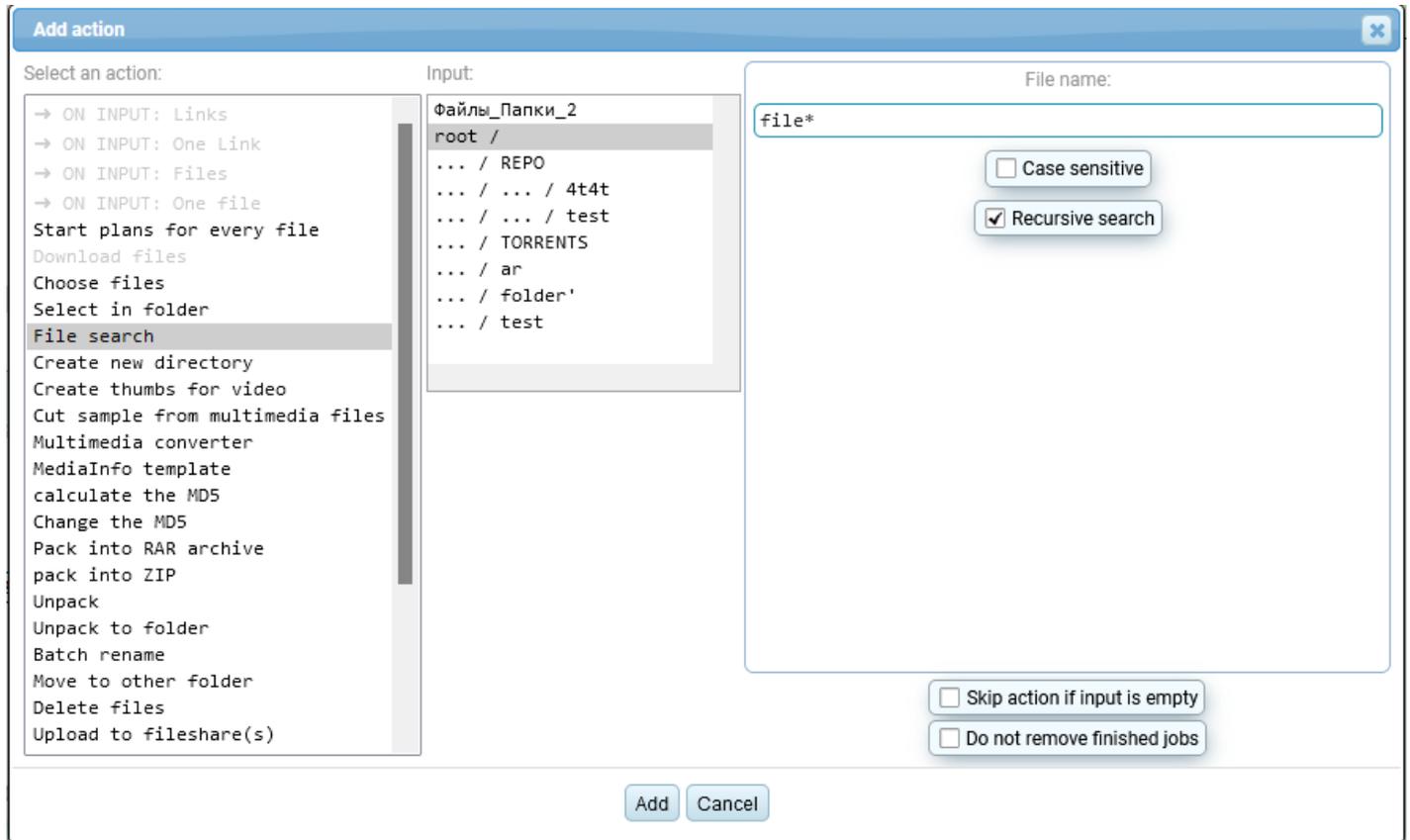
Without separator
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- The 'skip upload errors' option. In case of errors, the automation plan will not be stopped, just the upload action will be skipped.

Output:

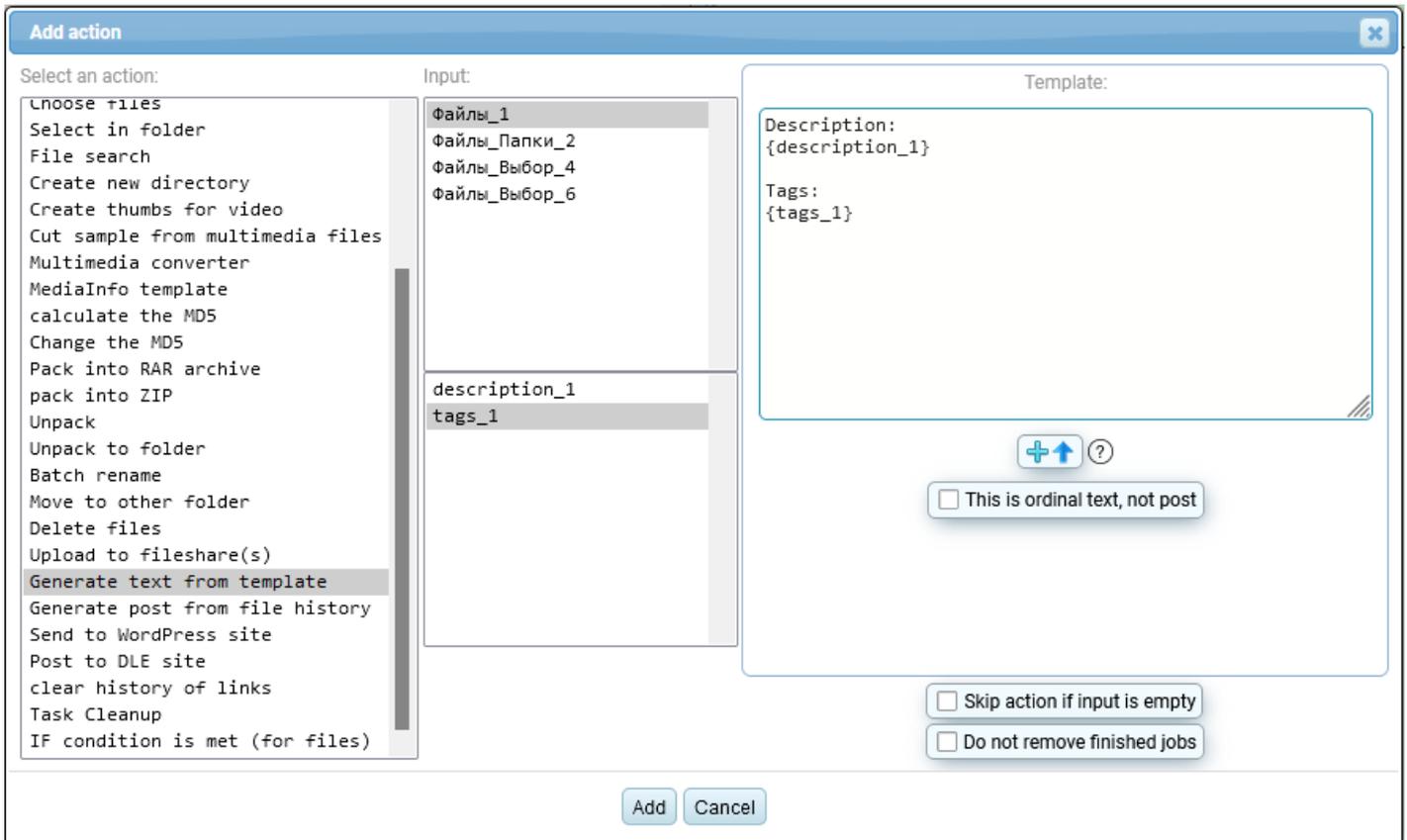
- Text -> Formatted links

# File Search



Searches for files by specified mask in selected folders. Returns the list of found files. If 'recursive search' option is enabled, searches inside subfolders recursively deep into directories.

# Generate text from a template



It takes a list of files and a list of text variables as input and generates the output text according to a given pattern.

There are additional variables that can be used in the template:

Available variables:

{url} - inserts a direct link to the file

{file} - inserts file name with extension

{name} - inserts file name without extension

{folder} - inserts a folder name

{folder\_fw} - inserts the first word of the folder name

{folder\_bsp} - inserts text up to the first space in the parent folder name

If you switch on the option  **This is ordinal text, not post**, then the received text will not be interpreted as a post, but just as another text variable and accordingly the content will not be shown in the **post view window** after the automation tasks are completed.