

The Split Large Folder tool splits large folders into multiple smaller ones. The tool takes an exported JSON folder that contains more than one workflow and places each workflow into its own folder.

Use the `-min` parameter to skip folders with workflows that are too short. By default, the `-min` parameter is set to 100.

Use the `-max` parameter to determine the maximum number of jobs and sub-folders that can reside in a single folder. This enables you to limit folder size.

If a workflow contains more than `-max` jobs, the tool splits the workflow into multiple folders that contain `-max` jobs, or less. By default, the `-max` parameter is set to 500.

By default, the tool logically splits large folders according to workflows. However, the tool also supports other modes, as described below in Modes.

CLI Usage:

Windows: `splitLargeFolder.bat -min=10 -max=200 largeFolderName.json`

UNIX: `splitLargeFolder.sh -min=10 -max=200 largeFolderName.json`

Output:

The tool saves the newly created folders to a new "output" directory.

After you run the Split Large Folder tool, you must import the folders that are saved to the "output" directory.

Modes:

1) Logical (Default): Splits the folder, based on job dependencies and the `-min` and `-max` parameters, into a separate folder for each logical workflow.

Usage:

Windows:

- `splitLargeFolder.bat -min=10 -max=100 largeFolderName.json`
- `splitLargeFolder.bat -mode=logical -min=10 -max=100 largeFolderName.json`

UNIX:

- `splitLargeFolder.sh -min=10 -max=100 largeFolderName.json`
- `splitLargeFolder.sh -mode=logical -min=10 -max=100 largeFolderName.json`

2) Technical: Splits the large folder into multiple smaller folders, based on the `-min` and `-max` parameters and without concern for job dependencies (events/conditions).

Usage:

Windows: `splitLargeFolder.bat -mode=technical -min=10 -max=100 largeFolderName.json`

UNIX: `splitLargeFolder.sh -mode=technical -min=10 -max=100 largeFolderName.json`

3) Count: Recursively counts the jobs in the user-defined folder, and prints the output to the console.

Usage:

Windows: `splitLargeFolder.bat -mode=count largeFolderName.json`

UNIX: `splitLargeFolder.sh -mode=count largeFolderName.json`

Glossary:

1) Roof Folder: A folder that contains all the job start and end points. This folder must contain the following entities, which are copied from the source folder:

- Events (in and out conditions).
- Resources
- If-actions
- Notifications

2) Singles Folder: A folder that contains all the workflows that are smaller than the -min parameter. If no singles folder is created, then there are no small dependencies.