

Flow trigger

Description

Flow trigger allows you to inject a set number of jobs into a flow at regular intervals.

The injected jobs can be :

- Specified with an absolute path;
- Randomly selected from folder;
- Dummy job created on the fly.

Each job injected can be individually renamed with specific **flow trigger** variables.



Compatibility

Switch 2023 Fall

Connections

At least one outgoing connection.

Use case

This application can be used to trigger actions by sending job(s) on a regular basis, but also to perform load tests.

Flow element properties

- **Unit**
Select the unit for the subsequent property: Seconds, Minutes, Hours, Days, Weeks.
- **Delay**
The job delay in the unit indicated by the previous property.
- **Number of jobs**
The number of job(s) you want to send for each execution of the app.
- **Inject mode**
 - **Dummy file**
Allows you to send dummy file(s).
 - **File name**
Job name proper of the dummy jobs generated.
Specific variables between brackets can be used. See chapter “Specific variables” for more information.
 - **Specific job**
Allows you to choose to inject a specific file or a folder.
 - **Prefix**
The prefix to add at the beginning of the file or folder name.
Specific variables between brackets can be used. See chapter “Specific variables” for more information.
 - **Job path**
The absolute file or folder path of the job to be injected.
 - **Random job from a folder**
Base folder in which the app will randomly choose files or folders (and all subsequent hierarchy).
When the property “Number of jobs” is set above 1, a different file or folder may be chosen randomly for each injected job.
 - **Prefix**
The prefix to add at the beginning of the file or folder name.
Specific variables between brackets can be used. See chapter “Specific variables” for more information.
 - **Folder path**
The absolute folder path in which the app will look for job(s) to be injected.

- **Assemble in a folder**

Whether or not to output injected jobs into a folder.

If set to yes, jobs with the exact same name may be overwritten. It's strongly recommended to use the [Counter] tag in order to avoid this situation.

- **Folder name**

The folder name that will be generated.

Specific variables between brackets can be used. See chapter "Specific variables" for more information.

- **Limit execution within specific windows**

If set to yes, unlock different windows of execution, by year, month, date, day, hour and second.

Specific variables

Specific variables can be set in the following properties:

- File name
- Prefix
- Folder name

These values will be evaluated each time a file or folder is injected. It means that two files injected in the same execution may have different names.

It is strongly recommended to keep the [Counter] tag when using "Assemble in a folder" property set to "Yes". Otherwise jobs may be generated with the same name and may overlap.

List of specific variables :

[TimeStamp]	Value in millisecond since 1970/01/01
[Counter]	The actual "counter" of the injected file or folder. Eg : when injecting 100 files at one time with the app, the tag [counter] will rename them from 001 to 100. The correct number of leading "0" will be added automatically.
[Millisecond]	The actual millisecond of the second
[Second]	The actual second the minute
[Minute]	The actual minute of the hour
[Hour]	The actual hour of the day
[Day]	The actual day of the month
[Month]	The actual month (in digit) of the year
[Year]	The actual year