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S3 Uploader

Description

This application uploads files or folders to a specific directory (key) of any S3 object storage. If the directory does not exist, it will be created. If a file already exists it will be overwritten.

Internally, it uses the S3 Javascript SDK so that no further applications need to be installed.

Compatibility

Switch Fall 2022 and higher.

Getting Started

- (Enter your mail address in the `Attach email addresses` field of the 'Error' folder)
- Enter your S3 credentials
- Select the directory you would like to upload the files to
- Drop a job into the input folder

Output Connections

Data success

If the file is successfully uploaded, it will be send to the data out connection of the flow element.

Data error

If the file could not be uploaded the job will be send to data error. The error message will be displayed in the switch logs and appended as private data tag `lastErrorMessage`.

Flow Element

General Properties

Property	Value	Description
Server URL	String	Defines the server URL of the storage
Access key id	String	S3 access key id
Secret access key	String	S3 secret access key
Region	String	S3 region
Bucket	String	S3 bucket name
Folder	String	Defines the directory (key) where the files should be uploaded to

Error handling

This app uses two types of errors:

- job data: if an upload error occurs the job will be send to this connection
- job fail: if any other error occurs, the job will fail and send to the problem jobs folder

Private data

The following private data tags will be set if an error occurs:

Tag	Value	Type	Description
lastErrorElement	String	the name of the flow element
lastErrorId	jsonCreateError	
lastErrorCode	Number	an error code that defines the type of error that occured
lastErrorMessage	String	detailed error message

Error Codes:

```
  {
    generalError = 0
  }
```

Known Issues

Unfortunately a warning is displayed in the switch messages: `The script execution has ended while an async function or callback in the script might not have finished yet. Please check the script code for unresolved promises or missing await statements`. We discussed this issue with Enfocus and it seems that our code is correct and everything is working as expected.

If we have any news on this we will release a new version that addresses this issue.