GS Dropbox upload & download bundle

Description

The GS Dropbox upload & download bundle provides you with two apps: GS Dropbox upload and GS Dropbox download.

GS Dropbox upload description

Upload any file or folder to your Dropbox cloud storage. GS Dropbox upload creates a reusable dataset and private data keys on the fly for use in your Switch workflow. The dataset will also be saved as an XML file via a Log connection. In addition, GS Dropbox upload can optionally create a Dropbox shared download link, which will be added to the dataset, private data keys and XML file.

GS Dropbox download description

Use the dataset, private data keys or XML file created with GS Dropbox upload to download the uploaded file or folder. To keep your Dropbox account clean, it is possible to remove the downloaded file or folder automatically after a successful download.
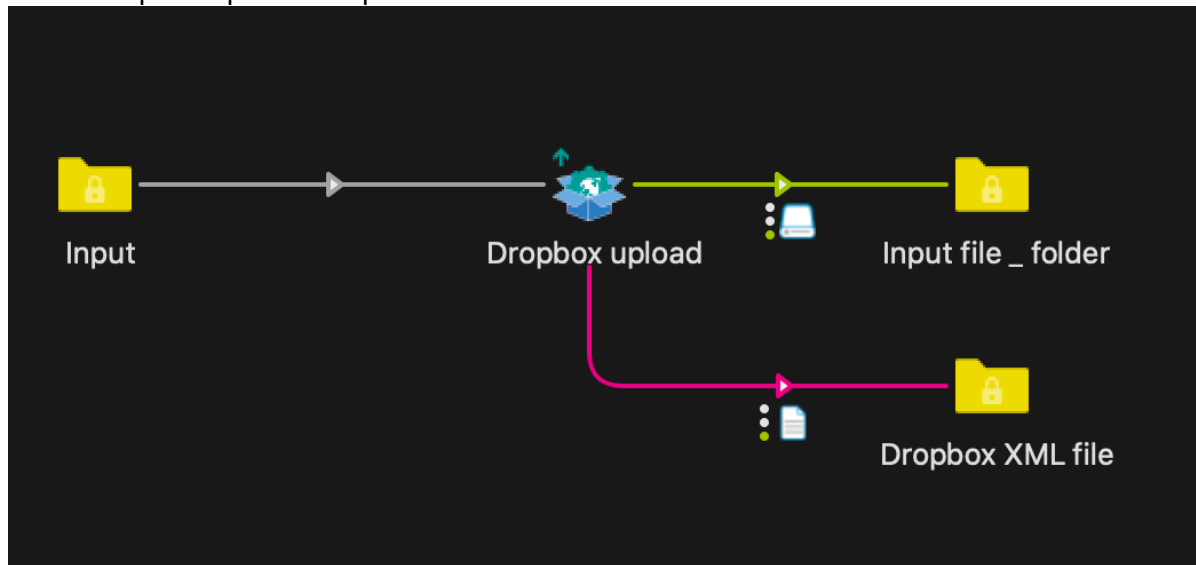
Compatibility

Switch version 2021 Spring
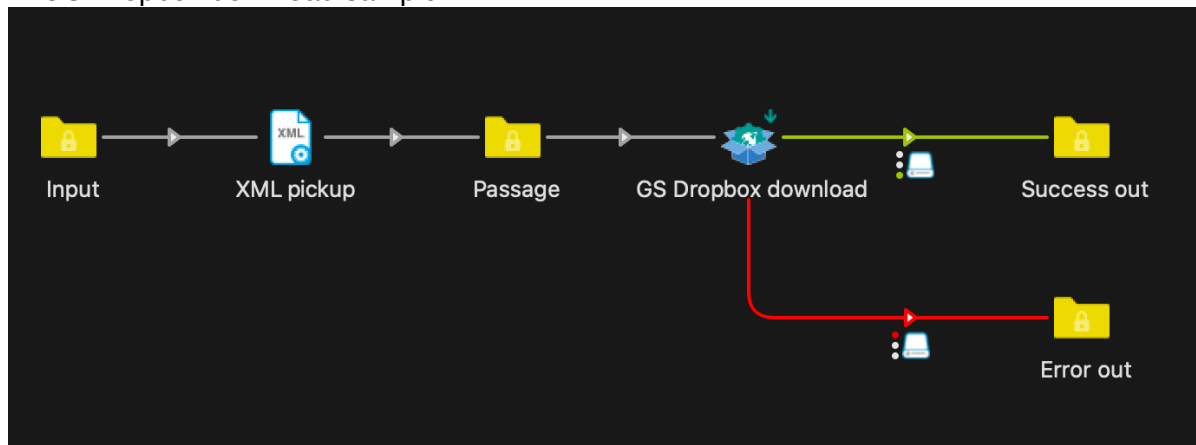Platform: Windows & Mac.

Connections

GS Dropbox upload has two connections: One data success out and one log success out. After a successful upload, the uploaded file or folder is moved to the data success out and the XML file with Dropbox file and path data is send to the log success out. Both the input file/folder and the xml have the dataset and private data attached.

GS Dropbox download has two connections: One data success out and one data error out. When successfully downloaded, the file or folder and the input xml file will be moved to data success out. If the download fails, the input xml file will be moved to the data error out connection.
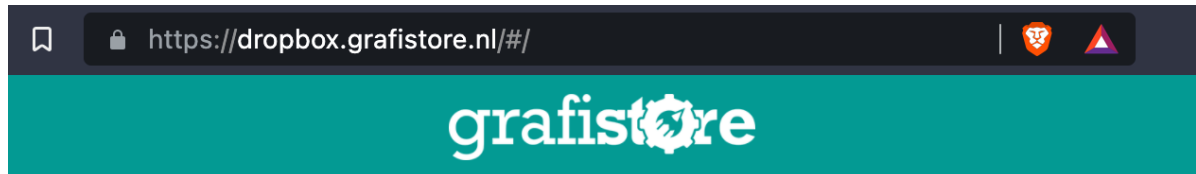
1: GS Dropbox upload sample

2: GS Dropbox download sample

Generating the Dropbox access token

To retrieve an access token, two steps must be taken. The first step is authorizing the Dropbox Upload and Download App to connect to your Dropbox account.

Please visit: https://dropbox.grafistore.nl

Click on the 'Authorize App'. You will be taken to the Dropbox OAuth2 page where you must grant access to the Dropbox App to access your personal or business Dropbox account.

Upload & Download for Enfocus Switch would like to:

- **Edit** content of your Dropbox files and folders, **view** content of your Dropbox files and folders, and **view and edit** information about your Dropbox files and folders

- **View and manage** your Dropbox file requests and Dropbox sharing settings and collaborators

- **View** basic information about your Dropbox account such as your username, email, and country

<div style="text-align:center">

Cancel   Allow

Learn about permissions

You can disconnect apps anytime in connected apps within your account settings.

</div>

Upload & Download for Enfocus Switch would like to:

- **Edit** content of your Dropbox files and folders, **view** content of your Dropbox files and folders, and **view and edit** information about your Dropbox files and folders

- **View and manage** your Dropbox file requests and Dropbox sharing settings and collaborators

- **View** basic information about your Dropbox account such as your username, email, and country

Cancel   Allow

Learn about permissions

You can disconnect apps anytime in connected apps within your account settings.

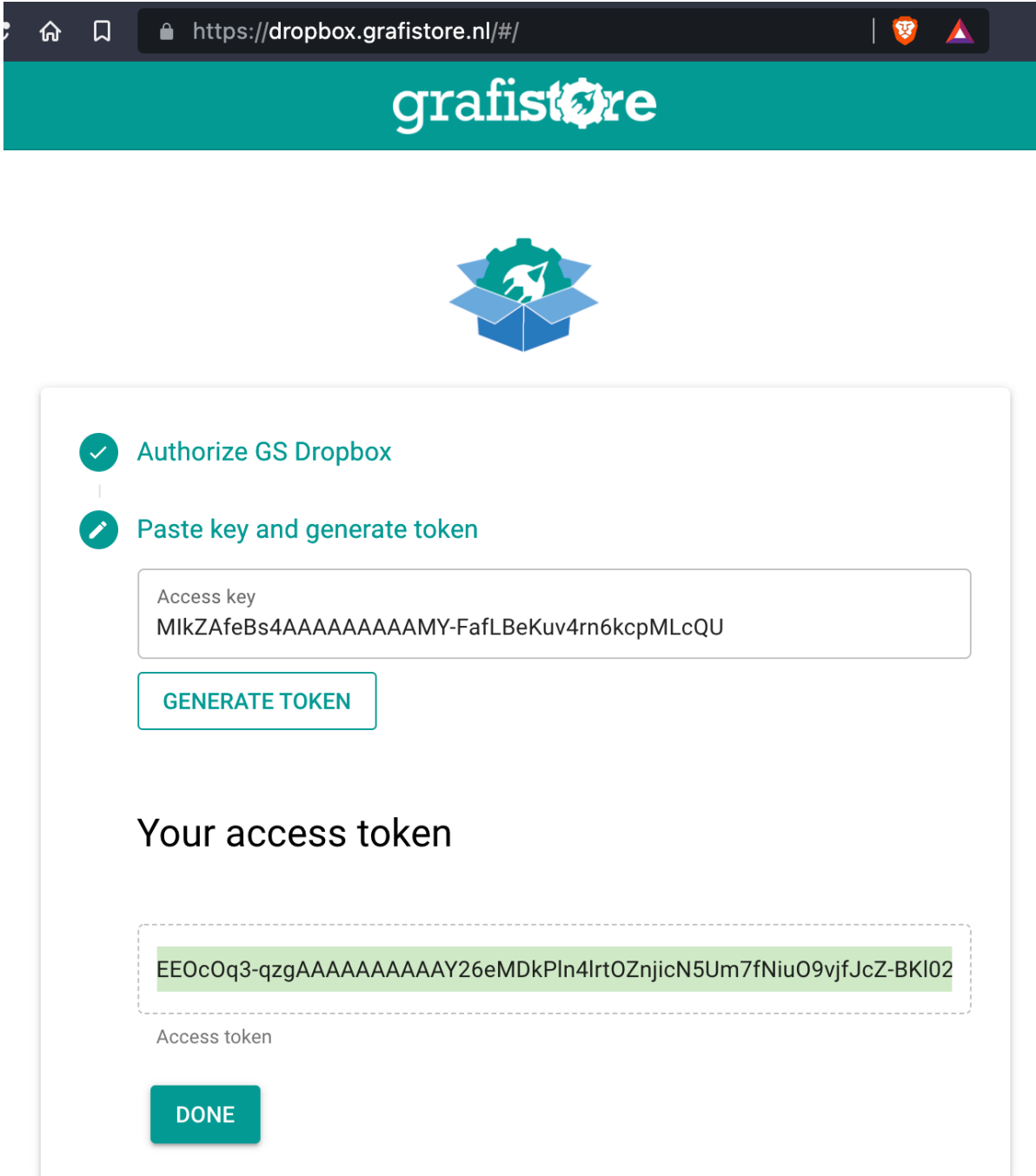After allowing the App access, an access code is generated.

Access Code Generated

Enter this code into **Upload & Download for Enfocus Switch** to finish the process

MIkZAfeBs4AAAAAAAAMYlEbxU0We7CxxV9lcjH3J5E

Copy this access code and go back to https://dropbox.grafistore.nl and click the green button: **Generate Token**. Paste the access key into the destined field and click **Generate Token** once more.

If everything goes well, an access token (refresh token) is generated. This token will be used to create short-lived bearer tokens to access your Dropbox account. Please copy and paste this token in the Upload and/or Download App properties pane.

Note: You can always regenerate an access token by following the steps above!

Configuring GS Dropbox upload

When using the GS Dropbox upload, you need to set the required properties in the properties pane.

*** *When uploading a folder, subfolders are ignored* ***

- **Dropbox remote path:** This is the remote path in which files and folders are stored on your Dropbox account. You can insert any folder name (it will be automatically created) or choose from the list of folders in the root of your Dropbox account.

  Good: upload-folder, upload-folder/march, upload-folder/march/Monday, /upload-folder, /UploadSwitch/Files.

- **Access token:** Generate a Dropbox access token and copy into this field. (See: Generating the Dropbox access token.

- **Create dataset:** Yes/No. If you don't have the Switch Metadata Module, set this to No. You can use the XML file from the upload in the download App.

- **Dataset name:** Name the dataset created by GS Dropbox upload. Default: Dropboxup

- **Create Private Datakeys:** Yes/No. If you don't have the Switch Metadata Module, but, for example, you need the shared link to be emailed.

  Private data keys that are generated:
  Private data key for path: **filepath**.
  Private data key for filename: **filename**.
  Private data key for url: **url**.

- **Create shared link:** Yes/No. Whether to create a Dropbox share link (always creates a short url). Will be added to the metadata and XML file
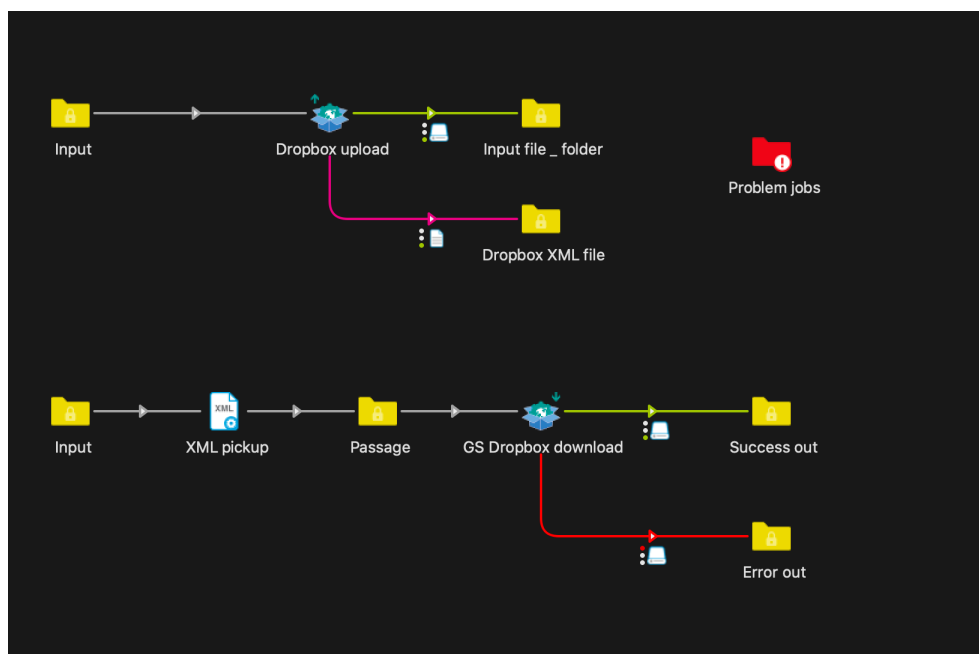
Configuring GS Dropbox download

When using the GS Dropbox download, you need to set the required properties in the properties pane.

*** Always use the XML file created with GS Dropbox upload. ***

- **Access token:** Generate a Dropbox access token and copy into this field. (See: Generating the Dropbox access token.

- **Read download info from:** Dataset/XML file/Private data keys. If you don't have the Switch Metadata Module, you can use the XML file or Private data keys to download the file or folder from Dropbox.

- **Remove after download:** Yes/No. Whether to keep or remove the downloaded file in your Dropbox account.

Happy uploading and downloading!

Changelog

Version 3

• Added: OAuth2 short lived tokens for authentication, as suggested by Dropbox
• Added: Token validation in properties pane

• Removed: Long-lived access tokens for authentication, as suggested by Dropbox

• Fixed: Private data key for downloading not working correctly
• Fixed: Creating shared link did not always create a shared link correctly

Version 2

GS Dropbox Upload

• Possibility to upload folders (not zipped)
• No upload file size limit
• Set private data keys (no need for Switch Metatadata module)
• Show upload progress in Messages center

GS Dropbox Download

• Possibility to download folders
• Use the XML file or private data keys provided by GS Dropbox Upload (no need for Switch Metatadata module)
• Removal of folders after download