


# ShareFile Connected System - V.1.0.0

- Using this connected system, users can access some of the services provided by ShareFile.
- The authentication is done using the OAuth 2.0 ( Authorization Code Grant ) mechanism.
- ShareFile provides an environment

## Inputs required

### Connected System Properties



**Share File Connected system**  
Share File Connected System  
Version: 1

**Name \***

**Description**

**Share File Connected system Configuration**

Copy this redirect URL (callback URL) and use it to register this connected system with the protected

## Connected System Properties

**Account \***

The Subdomain Name

**Client Id \***

The application ID that the registration portal assigned your app

**Client Secret**

\*\*\*\*\* (Clear)

The client secret that you created in the app registration portal for your app

[AUTHORIZE](#)

CANCEL

USE IN NEW INTEGRATION

SAVE

To get a Client ID and Client Secret\*

Changes to secure.sharefile.com have been made to require you to enter your account's URL before entering credentials. If the account URL is https://mycompany.sharefile.com, enter "mycompany." This change applies to web browsers and all ShareFile and Citrix Files applications.

## Sign in to secure.sharefile.com

1. Open your browser.
2. Register an account in [ShareFile](#)
3. Login with the username and password to Dashboard
4. [Log in](#) to get your Client ID and Client Secret.
  
5. On the left Click on **GET an API Key**.
6. Click on **Create New**.
7. Enter the Application name, description, and [redirect URL](#)
8. Click on **Generate API Key**
9. Enter the **Company Name as Account name**, **Client ID**, and **Client Secret** in the Connected System.
10. Click on **Authorize**. The login page will be opened



Enter your account's subdomain to continue. For example, if your account's URL is "mycompany.sharefile.com", you would enter "mycompany".

Subdomain \*

*e.g., mycompany*

Continue

[Don't know your account's subdomain?](#)

[Privacy Policy](#)

11. Enter the **Company Name as Subdomain** and click **Continue**. **Note: Subdomain and Account in Connected System must be the same.**

12. Login with the **Email and Password**.



[IT TestSF](#) has requested access to your ShareFile account.

Email \*

Password \*

Sign In

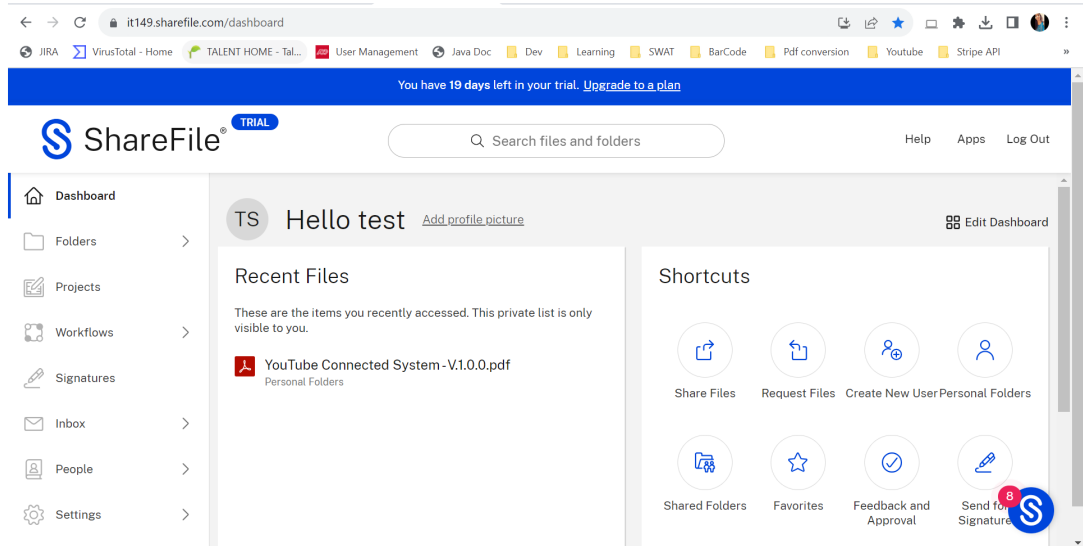
[Forgot Password?](#)

[Sign in to a different account](#)

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ShareFile Environment \*

Then the Dashboard will be opened for the specific account.



## Integrations

The mentioned actions have been included in this connected system :

1	<b>Get All Shared Folder</b>	Retrieves all shared folders for the specified sharefile account.
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2	<b>Get Favorite Folders</b>	Gets favorite folder information for the specific account.
3	<b>Get Personal Folder details</b>	Gets personal folder information for the specific account.

<b>4</b>	<b>Get Folder Details</b>	Gets information about a particular folder.
<b>5</b>	<b>Create Folder</b>	Creates a folder inside a given parent folder with the given name and description.
<b>6</b>	<b>Update Folder</b>	Updates a particular folder inside a given parent folder and a particular folder ID with the specified folder name and description.
<b>7</b>	<b>Download File</b>	Downloads a particular file and saves it in a folder in Appian with the given name.
<b>8</b>	<b>Upload File</b>	Uploads the given input file in the specified parent folder with the name.
<b>9</b>	<b>Delete File or Folder</b>	Deletes a particular folder or file.
<b>10</b>	<b>Search File</b>	Searches a particular file with the given name.

ref: ShareFile API documentation URL mentioned below.

<https://api.sharefile.com/>

Examples

## Create Connected System

### Connected System Properties

**Account \***  
  
The Subdomain Name

**Client Id \***  
  
The application ID that the registration portal assigned your app

**Client Secret**  
\*\*\*\*\* (Clear)  
The client secret that you created in the app registration portal for your app

Authorization Successful

## Create Integration to access the API

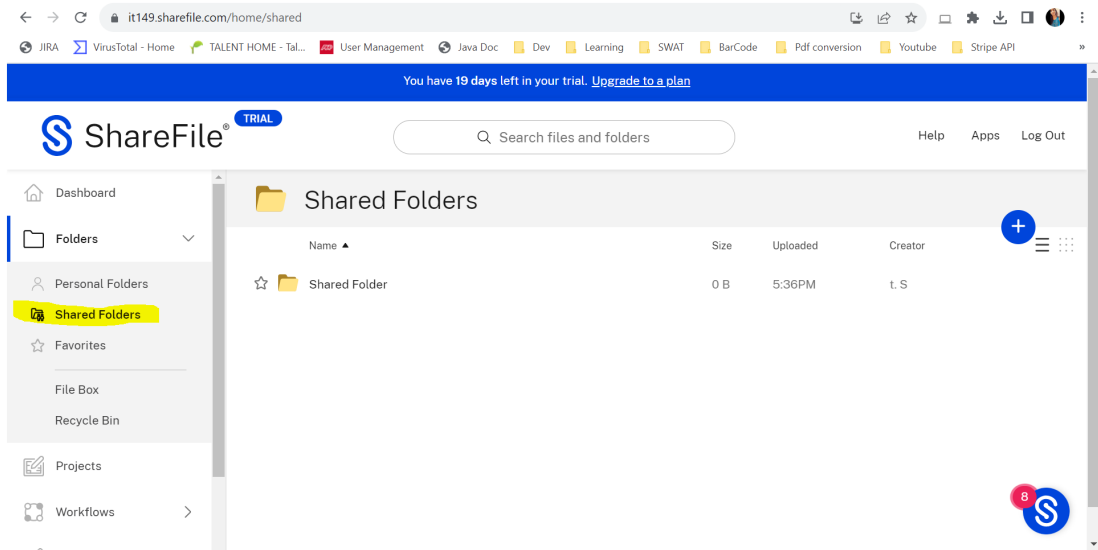
Get All Shared Folders: Gets all the shared folders from the Share File Environment.

The screenshot shows the Appian interface for a workflow named 'SfSA\_getAllSharedFolders'. The 'Connected System' is 'SfSA Share File Connected System'. The 'Operation' is 'Get All Shared Folders', with a description: 'Gets All Shared Folders from the Share File Dashboard logged in'. The 'TEST REQUEST' button is visible.

The right-hand pane shows the 'Result' tab with a 'Success!' message. The response details are as follows:

- Time:** 240 ms  
Prepare: < 1 ms - Execute: 240 ms (Send/Wait/Receive: N/A) - Transform: < 1 ms
- Value:**
  - Dictionary
    - success: true (Boolean)
    - result: Dictionary
      - odata.metadata: "https://it149.sf-api.com/sf/v3/\$metadata#Items" (Text)
      - odata.count: 1 (Number (Decimal))
      - value: List of Dictionary - 1 item
        - Dictionary
          - CreationDate: "2023-10-10T12:06:22.76Z" (Text)
          - Description: "" (Text)
          - Parent: Dictionary
            - FileName: "Shared Folder" (Text)
            - Name: "Shared Folder" (Text)
            - HasPermissionInfo: true (Boolean)
            - DiskSpaceLimit: 0 (Number (Decimal))

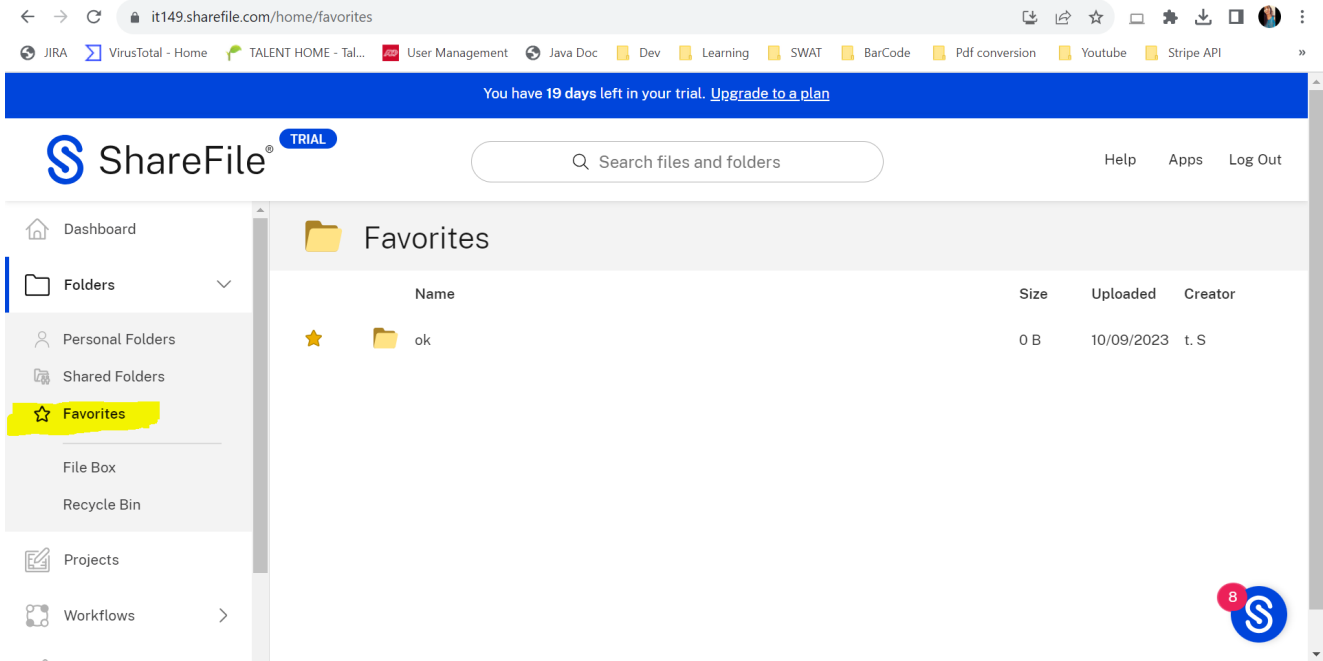
Share File Environment:



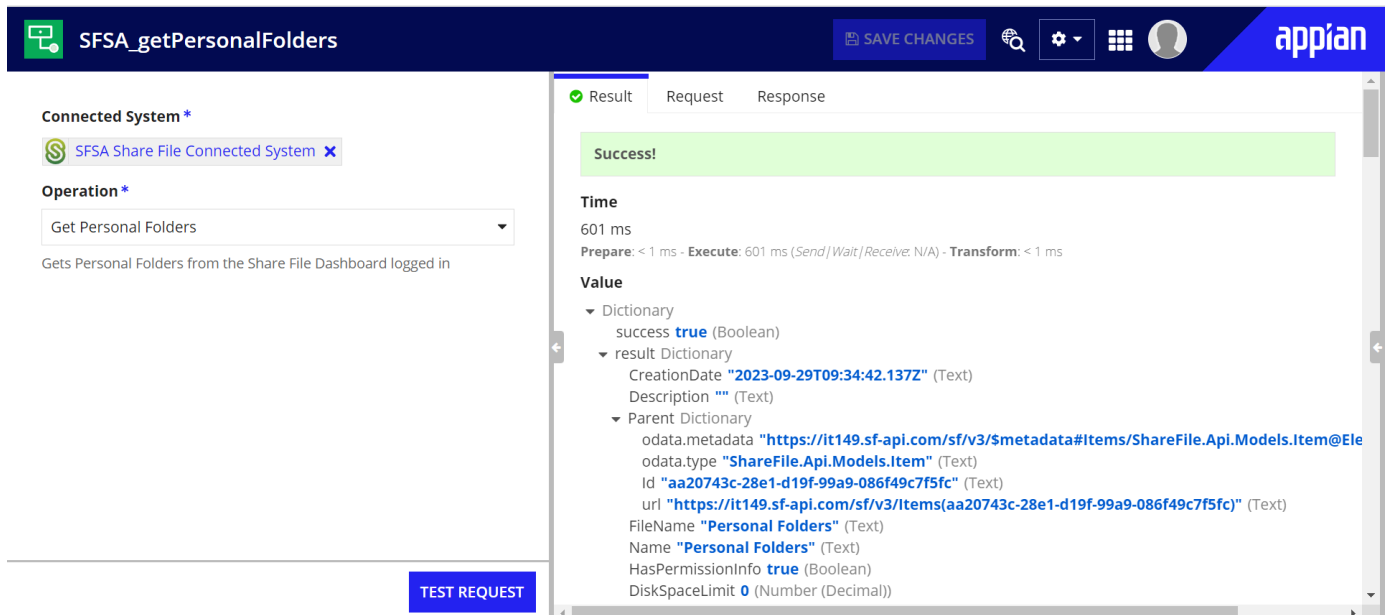
Get Favorite Folders: Gets all favorite folders from the Share File Environment.

Share File Environment :

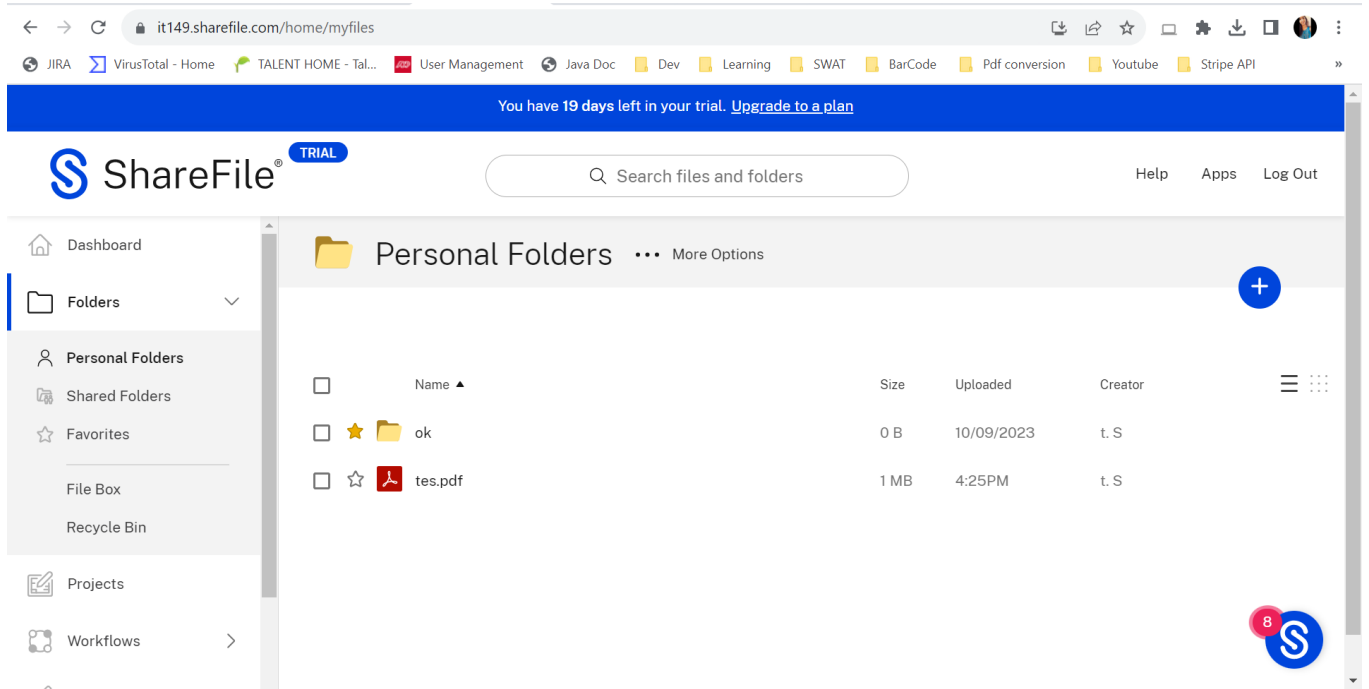




Get Personal Folders - Gets personal folders from Share File Environment

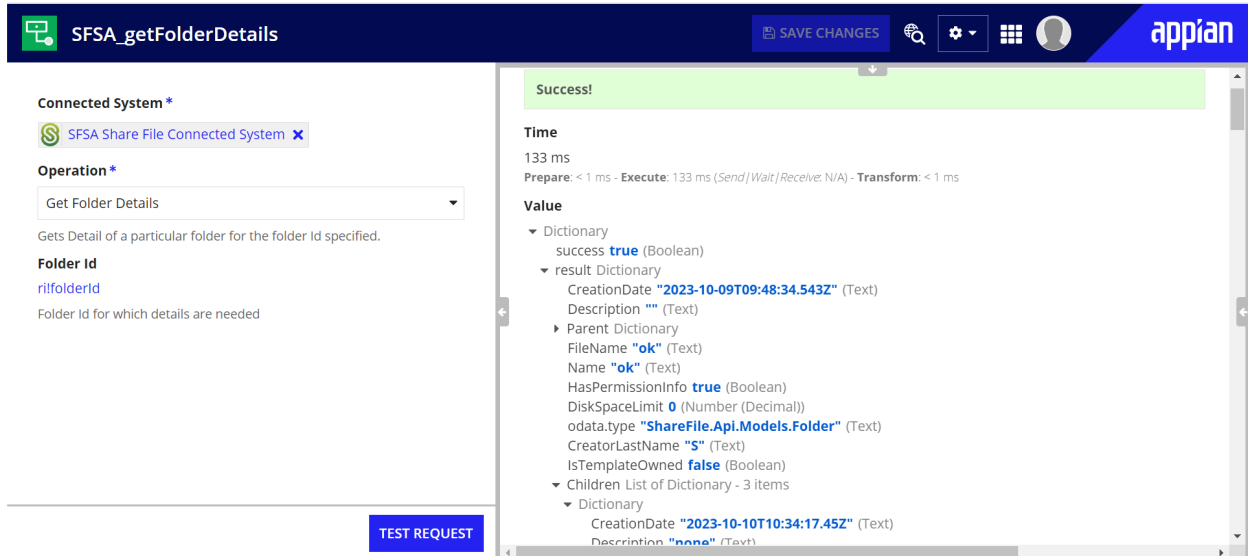


Share File Environment



Get Folder Details: Gets details of a particular folder ID as input

Input: Folder Id



Download File: Downloads the required file with file ID as input, save it in the folder, and in which name to save without extension.

Input: File ID, Save In Folder, Document name without extension

**SFS\_downloadFile** [SAVE CHANGES] [SEARCH] [SETTINGS] [APPRIAN]

**Connected System \***  
SFS Share File Connected System

**Operation \***  
Download File

Downloads a File of a particular file Id inside the folder specified with the given name.

**File Id**  
riffield  
The File's id which need to be downloaded

**Folder**  
riffolder  
The Folder to which the file need to be saved

**Document Name**  
rifdocumentName  
The Downloaded File's name to be saved without extension

Rule Input Name	Expression	Value
field (Text)	1 3a9a-e0b6-3a0d-3439-5132a8f3335b"	"f110a9a-e0b6-3a0d-3439-5132a8f3335b"
folder (Folder)	1	SFS Temp ...
documentName (Text)	1 "Test"	"Test"

**Success!**

**Time**  
1,919 ms  
Prepare: < 1 ms - Execute: 1,919 ms (Send/Wait/Receive: N/A) - Transform: < 1 ms

**Value: Result**

- Dictionary
  - Status "Success" (Text)
  - Document 64516 - Test.pdf (Document)

[TEST REQUEST]

Create Folder: Creates Folder inside the given parent folder, folder name to be saved, and description.

Input: Parent Folder ID, Folder Name, Description

**SFS\_createFolder** [SAVE CHANGES] [SEARCH] [SETTINGS] [APPRIAN]

**Connected System \***  
SFS Share File Connected System

**Operation \***  
Create Folder

Creates Folder inside the parent folder specified with the given name and description.

**Parent Folder ID**  
rifparentFolderId  
The Parent Folder id in which new folder will be created

**New Folder Name**  
rifnewFolderName  
The New Folder's name to be created

**Description**  
rifdescription  
The New Folder's Description

Rule Input Name	Expression	Value
parentFolderId (Text)	1 9bf4-0c14-41bf-87e5-0ad85dc196ee"	"fo529bf4-0c14-41bf-87e5-0ad85dc196ee"
newFolderName (Text)	1 "New Folder"	"New Folder"
Description (Text)	1 "Description"	"Description"

**Success!**

**Time**  
625 ms  
Prepare: 1 ms - Execute: 624 ms (Send/Wait/Receive: N/A) - Transform: < 1 ms

**Value: Result**

- Dictionary
  - CreationDate "2023-10-10T12:20:32.557Z" (Text)
  - Description "Description" (Text)
  - Parent Dictionary
    - odata.metadata "https://it149.sf-api.com/sf/v3/\$metadata#Items/ShareFile.Api.Models.Item@Eler" (Text)
    - odata.type "ShareFile.Api.Models.Item" (Text)
    - Id "fo529bf4-0c14-41bf-87e5-0ad85dc196ee" (Text)

[TEST REQUEST]

Update Folder: Updates the folder name and description for the given Folder ID. Input: Folder ID, Folder Name, Description

**SFSA\_updateFolder** SAVE CHANGES

**Connected System \***  
 SFSA Share File Connected System

**Operation \***  
 Update Folder

Updates a folder of a particular folder Id with the given folder name and description

**Folder ID**  
 rifolderId  
 The Folder Id which need to be updated

**Description**  
 rildescription  
 The new description to be updated

**Folder Name**  
 rifolderName  
 The new folder name to be updated

**TEST REQUEST**

Rule Input Name	Expression	Value
folderId (Text)	1 9bf4-0c14-41bf-87e5-0ad85dc196ee"	"fo529bf4-0c14-41bf-87e5-0ad85dc196ee"
description (Text)	1 "k"	"k"
	1 "updated"	

**Success!**

**Time**  
 1,980 ms  
 Prepare: < 1 ms - Execute: 1,980 ms (Send|Wait|Receive: N/A) - Transform: < 1 ms

**Value: Result**

- Dictionary
  - CreationDate "2023-10-09T09:48:34.543Z" (Text)
  - Description "k" (Text)
  - Parent Dictionary
    - odata.metadata "https://it149.sf-api.com/sf/v3/\$metadata#Items/ShareFile.Api.Models.Item@Elem" (Text)
    - odata.type "ShareFile.Api.Models.Item" (Text)
    - Id "foh9eef4-f100-42ff-b6da-76c08b0bfae9" (Text)

Delete Folder or File: Deletes a particular folder or file with the given folder or file ID. Input: Folder or File Id

**SFSA\_deleteFolderOrFile** SAVE CHANGES

**Connected System \***  
 SFSA Share File Connected System

**Operation \***  
 Delete Folder or File

Deletes a Folder or File of the specified folder or file Id

**Folder Id**  
 rifolderId  
 To delete a folder, folder Id need to be given as input ,To delete a file , File Id need to be deleted to be given as input

**TEST REQUEST**

Rule Input Name	Expression	Value
folderId (Text)	1 3151e-08f8-43e9-8f49-83747d492287"	"fo68151e-08f8-43e9-8f49-83747d492287"

[Set as default test values](#)

**Result** Request Response

**Success!**

**Time**  
 191 ms  
 Prepare: < 1 ms - Execute: 191 ms (Send|Wait|Receive: N/A) - Transform: < 1 ms

**Value: Result**

- Dictionary
  - message "Deleted Successfully" (Text)

Search File: Searches for a particular file with the file name as input. Input: File Name to be searched

**SFSA\_searchFile** SAVE CHANGES 🔍 ⚙️ ☰ 👤 **appian**

**Connected System \***  
 SFSA Share File Connected System ✕

**Operation \***  
 Search File

Searches for a File with the given name

**File Name to be searched**  
 r!fileName  
 The File Name to be searched

**TEST REQUEST**

Rule Input Name	Expression	Value
fileName (Text)	1 "test"	"test"

[Set as default test values](#)

**Success!**

**Time**  
 263 ms  
 Prepare: < 1 ms - Execute: 262 ms (Send/Wait/Receive: N/A) - Transform: 1 ms

**Value**

- Dictionary
  - success **true** (Boolean)
  - result Dictionary
    - odata.metadata "https://it149.sf-api.com/sf/v3/\$metadata#SearchResults/ShareFile.Api.Models.Se" (Text)
    - odata.type "ShareFile.Api.Models.SearchResults" (Text)
    - PartialResults **false** (Boolean)
    - Results List of Variant - 0 items

Upload File: Uploads a particular file, with the given file name and inside the given folder. Input: Document, File Name, Parent Folder Id

**SFSA\_uploadFile** SAVE CHANGES 🔍 ⚙️ ☰ 👤 **appian**

**Connected System \***  
 SFSA Share File Connected System ✕

**Operation \***  
 Upload File

Uploads the given File inside the parent folder specified with the name and description specified.

**Parent Folder ID**  
 r!parentFolderId  
 The Folder Id in which the file to be uploaded

**File Name**  
 r!fileName  
 The Uploaded File Name

**Document**  
 r!document  
 The File to be uploaded

**TEST REQUEST**

Rule Input Name	Expression	Value
parentFolderId (Text)	1 151e-08f8-43e9-8f49-83747d492287"	"fo68151e-08f8-43e9-8f49-83747d492287"
fileName (Text)	1 "Test"	"Test"

**Result** | Request | Response

**Success!**

**Time**  
 2,850 ms  
 Prepare: < 1 ms - Execute: 2,850 ms (Send/Wait/Receive: N/A) - Transform: < 1 ms

**Value: Result**

- Dictionary
  - message "Test.png Uploaded Successfully" (Text)