Microsoft Onedrive File Upload & Download Steps:-

***OBJECTIVE:-***

To upload a file to Microsoft’s onedrive and to download a file from microsoft’s onedrive.

***FILE DOWNLOAD STEP JSON:-***

**{**

**"id": "su",**

**"type": "microsoft-onedrive-binary-file-download",**

**"next": {**

**"success": "downloadsuccess",**

**"failure": "downloadfailed"**

**},**

**"file\_name": "abc.txt",**

**"output\_variable": "fileop",**

**"value\_type": "hb",**

**"access\_token": "{{token.accessToken}}"**

**}**

***FIELDS DESCRIPTION:-***

|  |  |
| --- | --- |
| **ATTRIBUTES** | **DESCRIPTION** |
| id | Given for step so that other step invokes this download step using id. |
| type | Type of the respective step, so that the step and it’s respective executor class invokes. |

|  |  |
| --- | --- |
| next | It directs to the next step based on success or failure cases. |
| file\_name | Name of the file that user wants to download (can give subfolder path also including file name). |
| output\_variable | Stores the encoded(Base64) data of the file that is downloaded. |
| value\_type | The operations to be generic, we are supporting Handlebars and FTL(Free Marker Templates). |
| access\_token | To identify the particular user and allows to download if authorisation is successful. |

***FILE DOWNLOAD STEP EXECUTOR FUNCTIONAL DESCRIPTION:-***

1. Passing the ‘Authorisation’ header to the URL provided by onedrive API and executing the URL(with token) using okhttpClient.
2. Encoding the file’s content/data using Base64 and passing it to the output variable.

***FILE UPLOAD STEP JSON:-***

***{***

***"id": "filesu",***

***"type": "microsoft-onedrive-binary-file-upload",***

***"next": {***

***"success": "fisu",***

***"failure": "filefailed"***

***},***

***"file\_name": "abcdef.txt",***

***"file\_data": "{{{fileop}}}",***

***"output\_variable": "fileop",***

***"value\_type": "hb",***

***"file\_access": "Files.ReadWrite.All",***

***"access\_token": "{{token.accessToken}}"***

***}***

|  |  |
| --- | --- |
| **ATTRIBUTES** | **DESCRIPTION** |
| id | given for step so that other step invokes this download step using id. |
| type | Type of the respective step, so that the step and it’s respective executor class invokes. |
| next | It directs to the next step based on success or failure cases. |
| file\_name | Name of the file that user wants to save as. |
| file\_data | The data/content to be passed into file. |
| output\_variable | Stores the URL of the file that is uploaded |
| value\_type | The operations to be generic, we are supporting Handlebars(hb) and FTL(Free Marker Templates). |
| file\_access | Access to be given to file that has to be upload. |
| access\_token | To identify the particular user and allows to upload if authorisation is successful. |

***FILE UPLOAD STEP EXECUTOR FUNCTIONAL DESCRIPTION:-***

1. Passing the ‘Authorisation’ header to the URL provided by onedrive API, Decoded data from encoded string and executing the URL(with token) using okhttpClient.
2. Returning the URL of uploaded file.

MICROSOFT OAUTH PLUGIN:-

***OBJECTIVE:-***

Authenticate and Authorise(Using LiveAPI20 scribe class) the user to access his account only.

***OAUTH PLUGIN JSON:-***

{

"id": "insert",

"type": "microsoft-oauth-plugin",

"name": "MicroSoft\_Oauth",

"key": "8a4b8e68-\*\*\*\*-\*\*\*\*-\*\*\*\*-817dbef7ade3",

"secret": "ikev\*\*\*\*\*\*TFIM575$=",

"scope": "Files.ReadWrite.All"

}

|  |  |
| --- | --- |
| **ATTRIBUTES** | **DESCRIPTION** |
| id | Normal id provided to the plugin |
| type | Type of the plugin. |
| name | Workflow using this plugin invokes this plugin using name. |
| key | Unique key provided by Microsoft App. |
| secret | Client secret provided by Microsoft app. |
| scope | To give/specify permissions(what can be accessed). |