

eFileCabinet App

Click [here](#) to see our app.

An integromat app is composed of several components. The important ones are:

• Base

- This is the parent structure that all modules and remote procedures inherits from, if you notice that every module is using a header or requiring some other piece of information, then place it here

• Connections

- It is possible to create more than a single connection if a module requires something unique
- The active connection is the one where oauth2 does it's magic
- The current connection is setup in a way that it fetches the token and saves it inside of memory.
 - To access this token, call `connection.accessToken`
- The "Common Data" section at the bottom allows us to hold parameters that we need, but wish to keep private such as the base64 encoded access string
 - This will need to be adjusted after we setup an integromat specific connection
- Currently it is set up to renew the connection when there is less than one minute remaining
 - See: `"condition": "{{if(data.accessToken, data.expires < addMinutes(now, 1), true)}}"`
- The "Parameters" tab is what indicates the user input. In this case, the user's username and password that will be used during authentication

• Modules

- Modules are generally set up in a way to accomplish a single task, not single calls to our api
- The "Communication" tab is where it will make it's calls to our api, save and manipulate temporary data, and perform basic logic
 - Any logic performed must follow the IML pattern see [IML functions](#) in the integromat documentation
- The "Static Parameters" tab allows for user input only and is rarely used
 - To use parameters (static or mappable), simply call `parameter.ParameterName`
- The "Mappable Parameters" tab allows for user input in a more fluid way. It also allows for Remote Procedures (RPC) to be called, allowing a better user experience.

This is what should generally always be used

- I've noticed that it is easier to start here during module creation as you'll probably need to use or create a RPC to use or fetch additional input
- To use parameters (static or mappable), simply call `parameter.ParameterName`

• Remote Procedures (RPC)

- Are sub modules that can be ran while the user is selecting parameters, before the module itself is ran
- They are used to fetch input needed to run the app's module

• IML Functions

- IML is a feature that allows you to write your own JavaScript functions and execute them inside IML expressions to process data
- IML functions are disabled by default. Luckily for you, I've already contacted them to unlock it.

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