

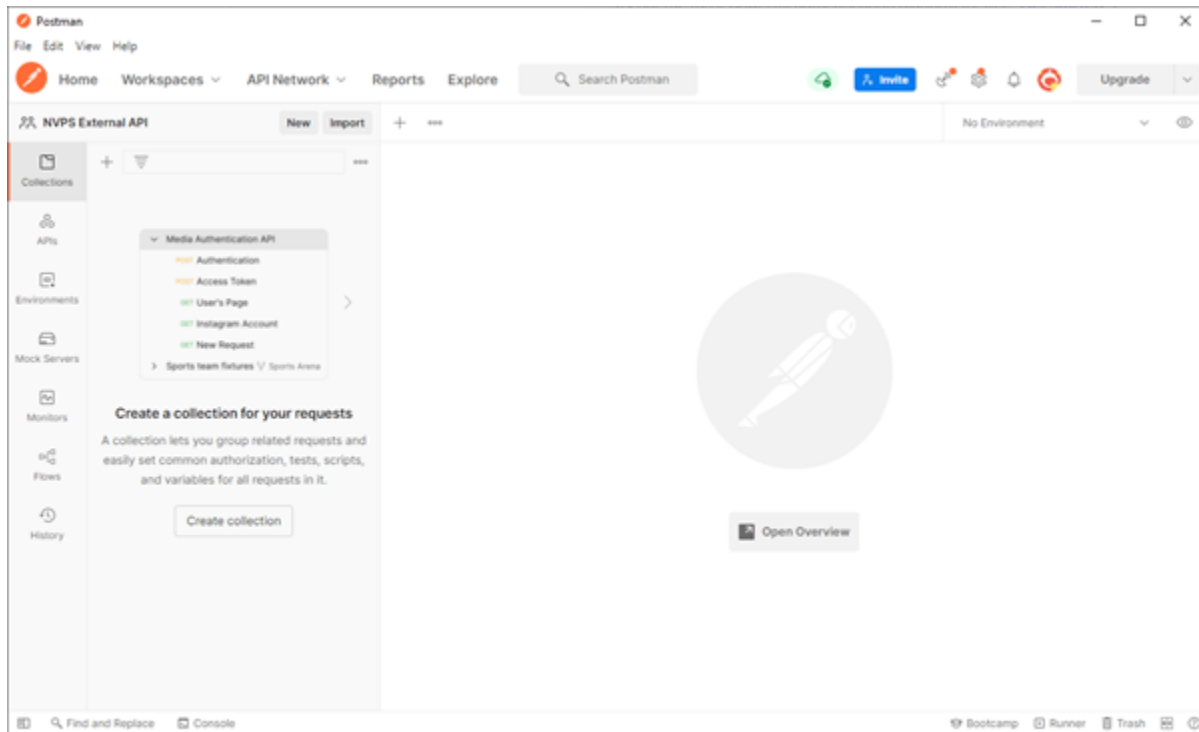
# NVPS API Tests guide

## Introduction

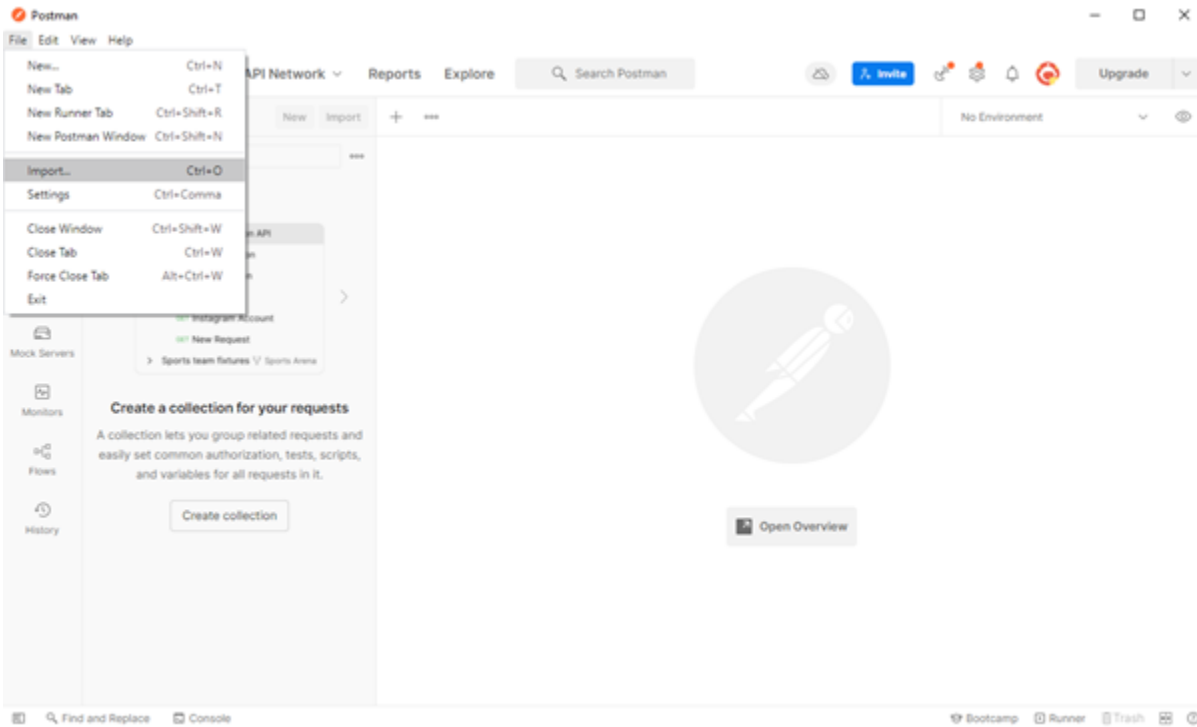
The API interfaces of the National Veterinary Prescription System (NVPS) are implemented using http REST services. It is possible to test these services using any http simulation software. There are many different applications that can be used to simulate http service calls and the NVPS API's are tested using Postman. (<https://www.postman.com/>). Please download and install Postman and familiarize yourself with the software before continuing. Please ensure that you followed the steps in the document called "NVPS UAT Api on-boarding" before trying to call the API.

## Using Postman

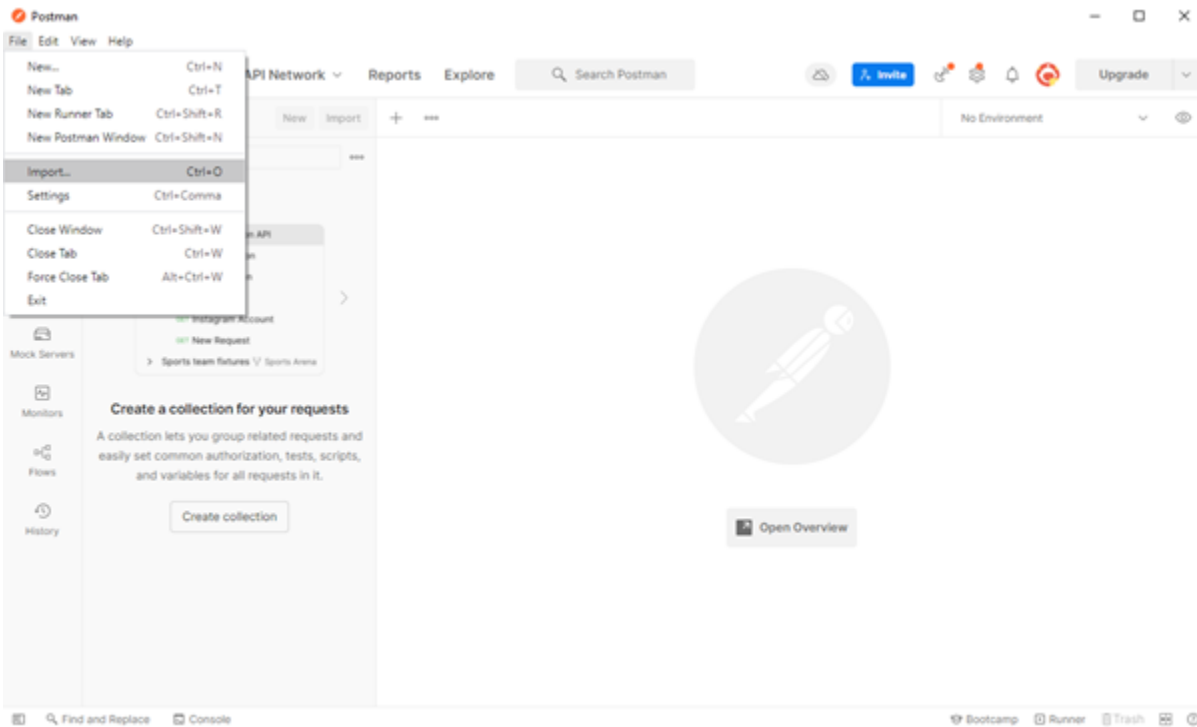
When you open Postman for the first time you will see the screen below.



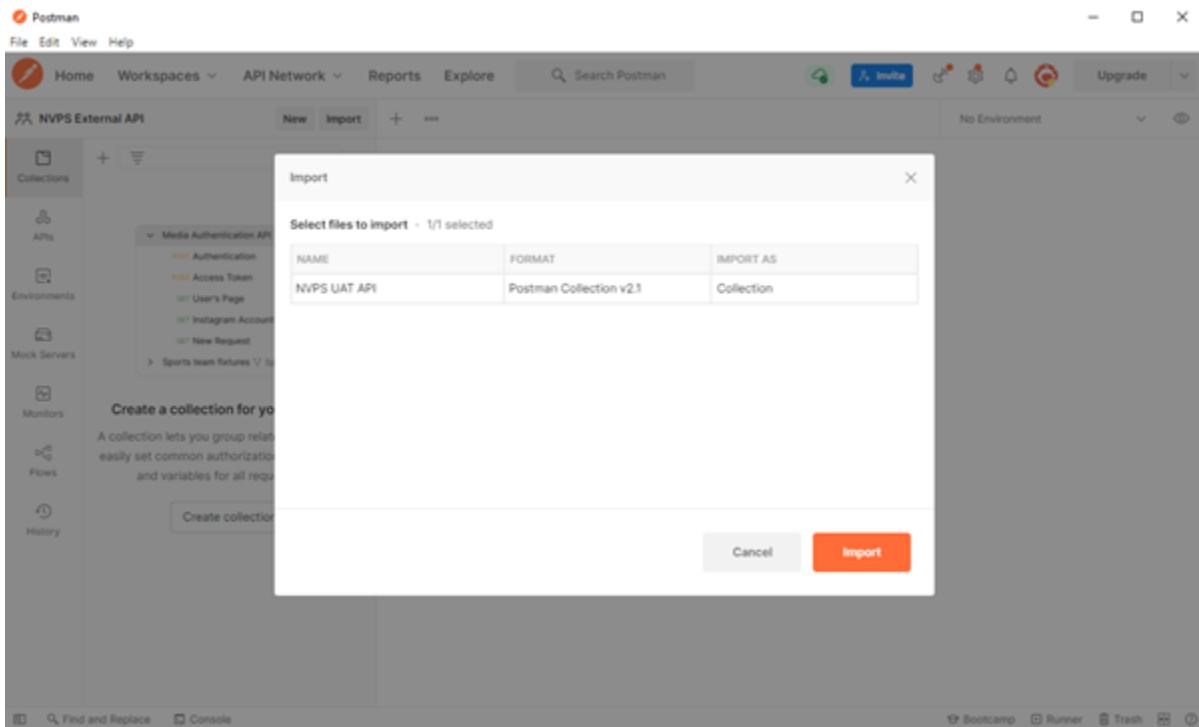
You can now import the API calls. Go to the top menu and select File->Import.



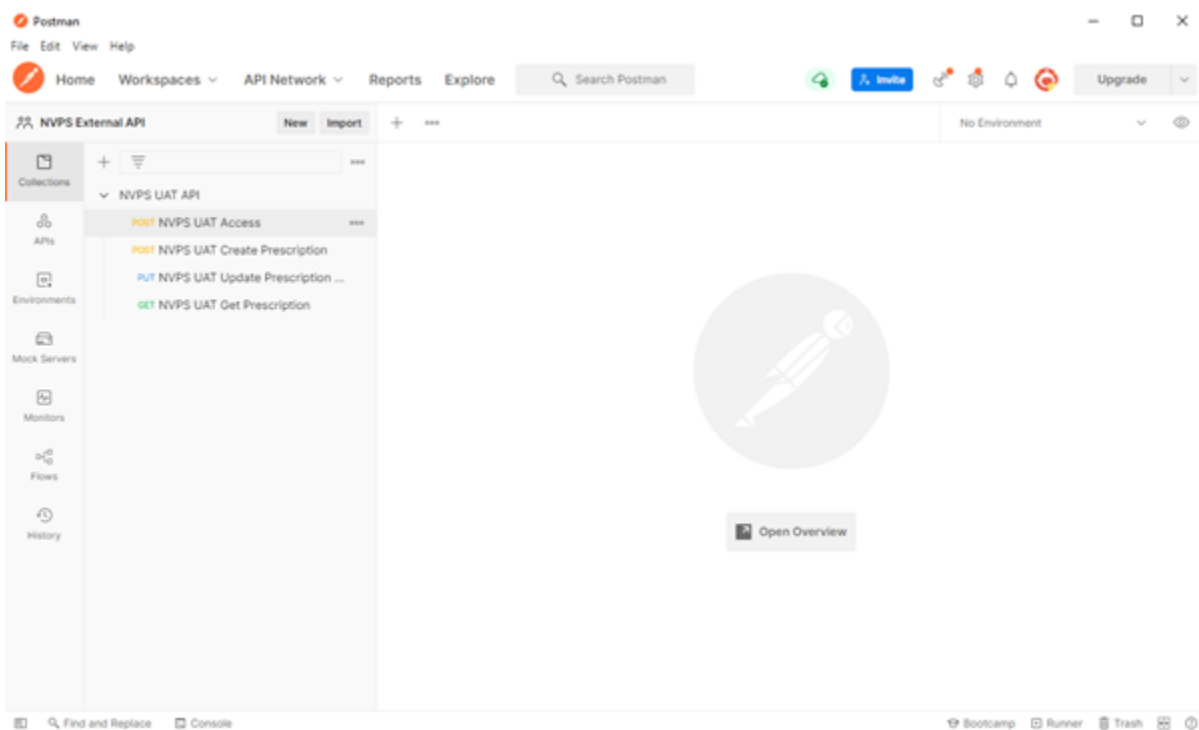
Select "Upload Files" and select the file called "NVPS UAT API.postman\_collection.json".



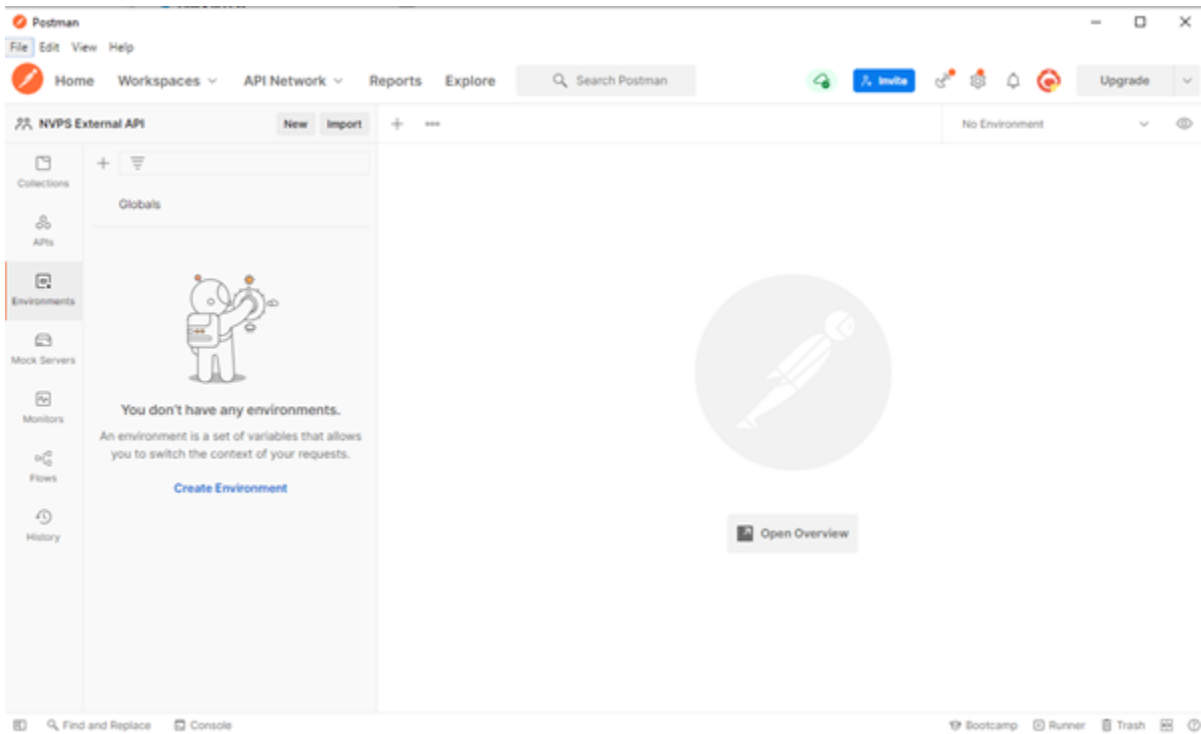
Click "Import" to add this file to Postman.



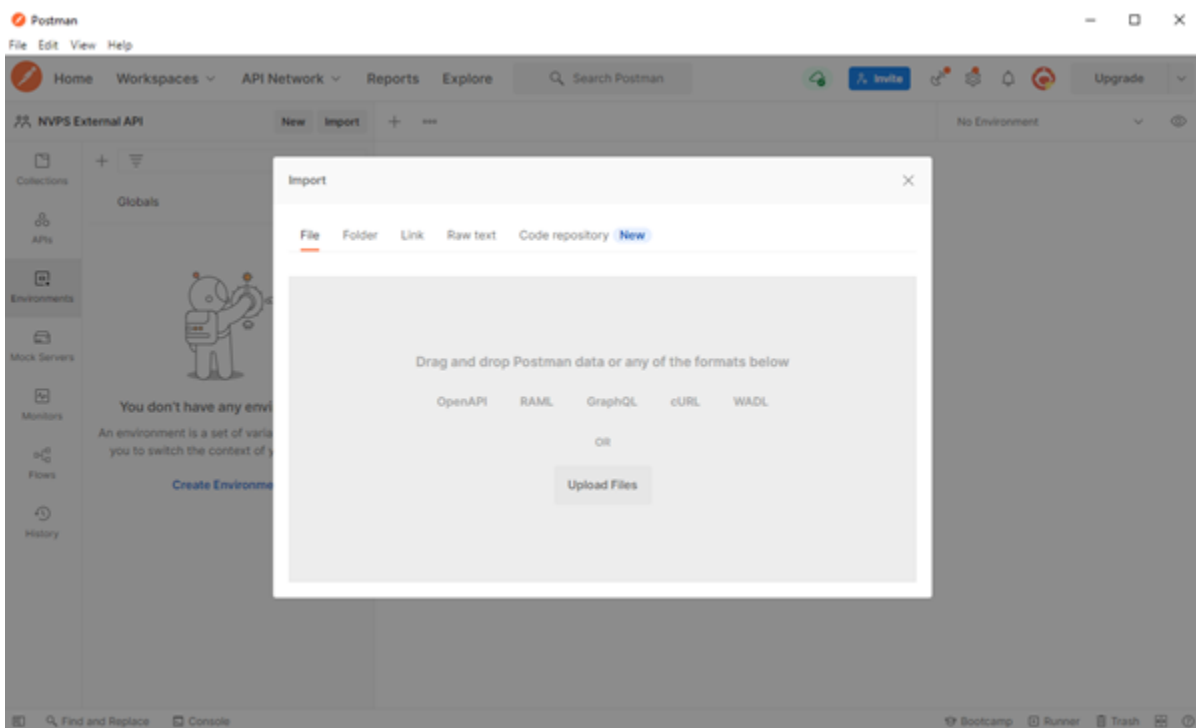
You should see the API calls as shown in the screen below.



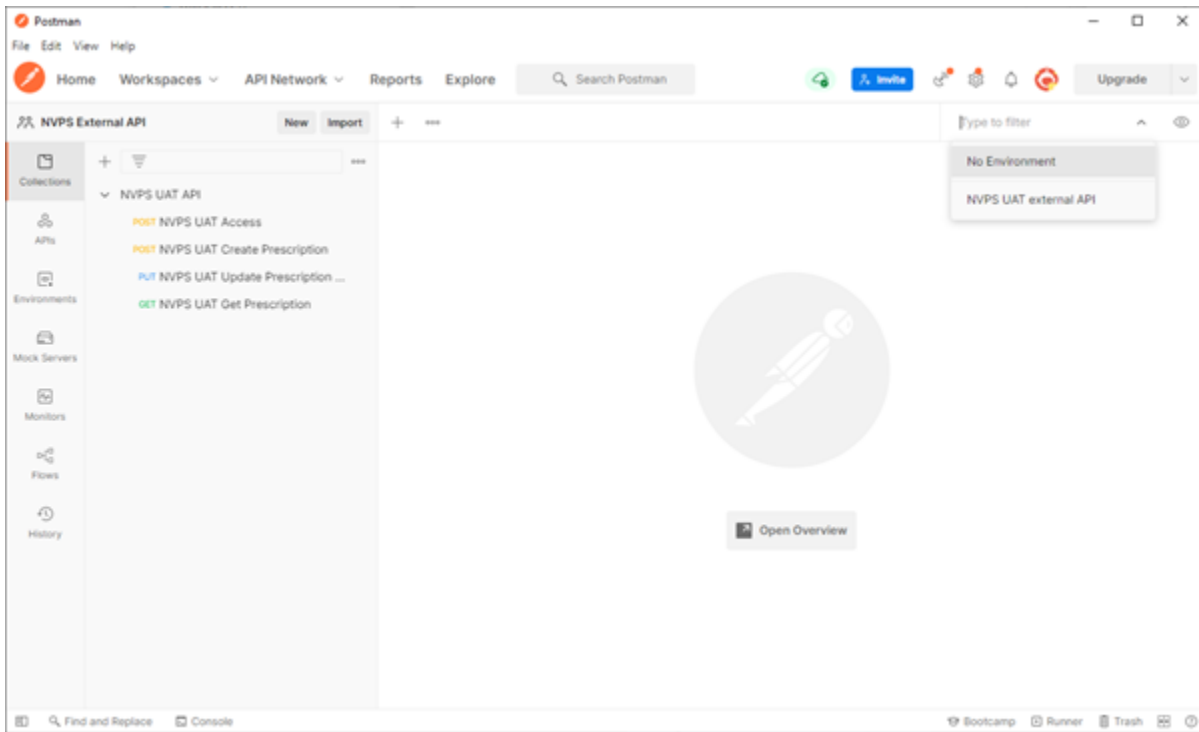
The next step is to import the environment. Select Environments from the menu on the left as shown below.



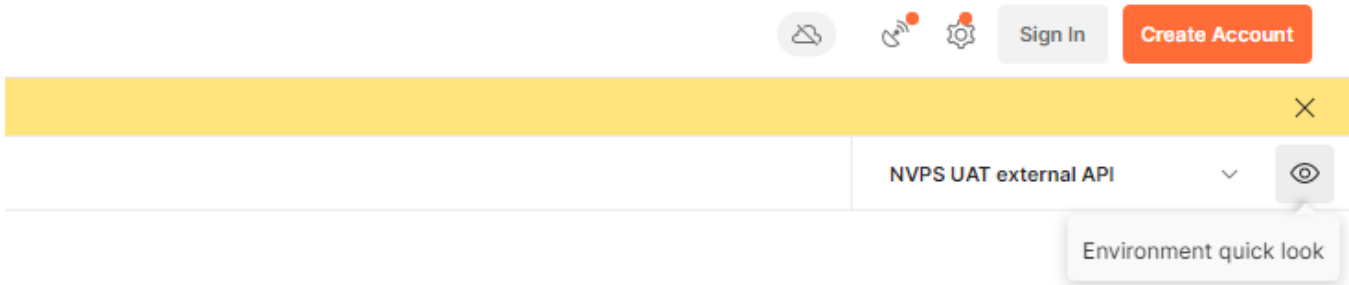
Select the “Import” button next to the “New” button in this panel. Select “Upload Files” and import the file called “NVPS UAT external API.postman\_environment.json”. When prompted, click the “Import” button.



The environment is now imported. Select the newly imported environment from the dropdown at the top right of the screen.



You are now almost ready to call the API's. Click on the eye icon in the top right corner next to environment name.



- Click on edit to edit the environment variables.
- Add your app\_id and app\_key in the VALUE fields. (The app\_id and app\_key are provided to you once you have completed the on-boarding process in the API developer portal).

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Fork
Save
Share
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	VARIABLE	INITIAL VALUE ⓘ	CURRENT VALUE ⓘ	...	Persist All	Reset All	📘
✓	access_token	{{access_token}}					
✓	prescriptionId	{{prescriptionId}}	{{prescriptionId}}				
✓	baseUrl	https://nvps-data-api-nvps-uat.apps.rhos.agricu	https://nvps-data-api-nvps-uat.apps.rhos.agriculture.gov.ie				
✓	tokenUrl	https://dafmsso-3s.apps.rhos.agriculture.gov.ie	https://dafmsso-3s.apps.rhos.agriculture.gov.ie/auth/realms/IDAFM-UAT/protocol/openid-connect/token				
✓	app_id						
✓	app_key						
✓	client_id	nvps-thirdparty-app	nvps-thirdparty-app				
✓	client_secret	0826112a-4075-4b59-875d-ea6528a1bba0	0826112a-4075-4b59-875d-ea6528a1bba0				
	Add a new variable						

- Remember to save the environment settings (CTRL-S).

You are now ready to send API calls to NVPS-UAT.

- First you need to send "NVPS Access" to get an access token.
- Select the "NVPS ACCESS" call and click the blue Send button. This will provide you with an access token. The access token will be stored in a variable that are used on all the subsequent API calls.
- Now you can select any of the other API calls and click the blue send button to execute them.