

# Getting started with our APIs via Postman

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Today we will begin connecting with DrChrono's APIs using Postman. Before we start let's make sure you download Postman here: <https://www.postman.com/downloads/>

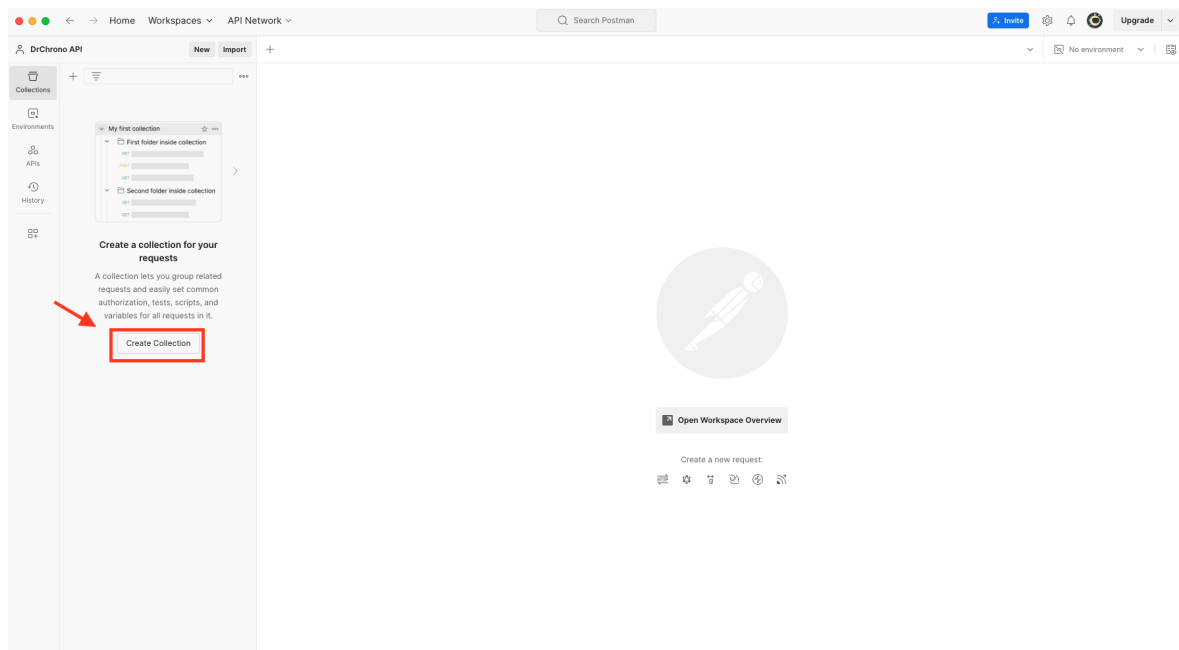
If you have not set up an API application in your account, please review our "[What is an API application](#)" article.

A complete Postman collection of our APIs is at the bottom of this page.

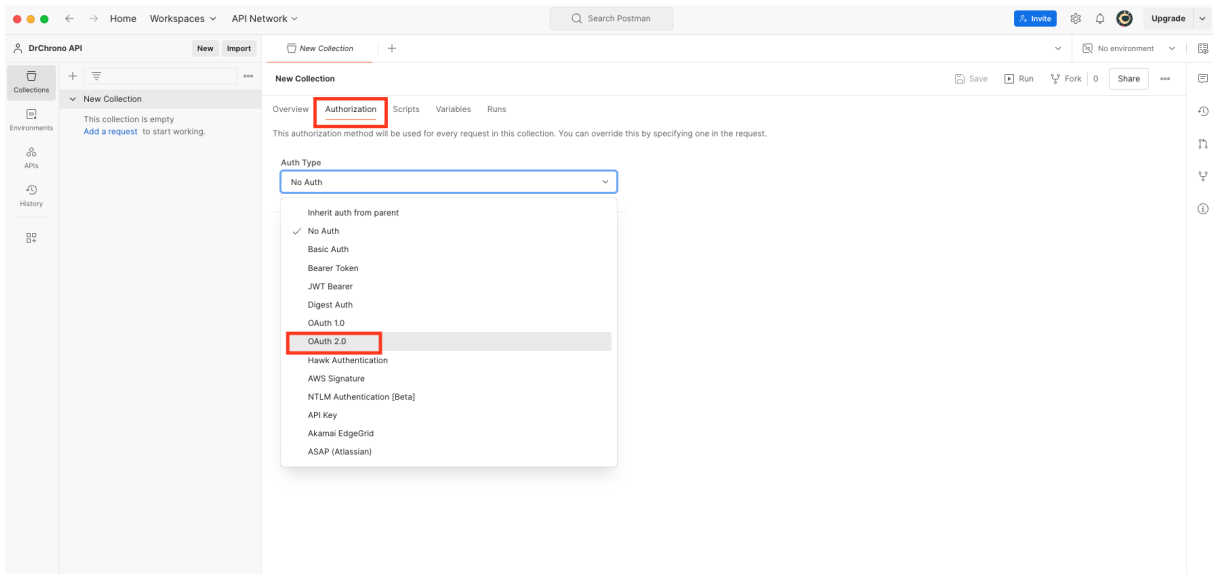
## Authorization

*[If you are using our DrChrono Postman Collection skip to the Authorization tab from the collection's overview screen. Fill out the configure token section using the table below]*

Let's begin by opening Postman and creating a collection. Navigate to the left-hand side of the page and select "Create Collection".



Once the collection is created, navigate to the tabs from the collection's overview screen. Select the "Authorization" tab, and choose "OAUTH 2.0" from the "Auth Type" dropdown box.



Under the "Configure New Token" section, please fill out the following:

Token Name	This can be anything. EX: Token A
Grant Type	Leave as is
Callback URL	https://oauth.pstmn.io/v1/browser-callback <b>[This should match the 'Redirect URIs' box from the DrChrono API page. Found in Account &gt; API.]</b>
Auth URL	https://drchrono.com/o/authorize/
Access Token URL	https://drchrono.com/o/token/
Client ID	From the DrChrono API Page
Client Secret	From the DrChrono API Page
Scope	labs:read labs:write messages:read messages:write patients:read patients:write patients:summary:read patients:summary:write settings:read settings:write tasks:read tasks:write user:read user:write billing:patient-payment:read billing:patient-payment:write billing:read billing:write calendar:read calendar:write clinical:read clinical:write
State	Leave as is
Client Authentication	Leave as is

Once everything is filled, select the orange button at the bottom of the page - "Get New Access Token".

**Configure New Token**

Token Name: My Token

Grant type: Authorization Code

Callback URL: https://www.getpostman.com/oauth...

Authorize using browser

Auth URL: https://drchrono.com/o/authorize/

Access Token URL: https://drchrono.com/o/token/

Client ID: 123456

Client Secret: 123456

Scope: labs:read labs:write messages:read i...

State: State

Client Authentication: Send as Basic Auth header

> Advanced

Clear cookies

**Get New Access Token**

You will be redirected to a prompt box to sign into DrChrono and then redirected to another screen to authorize the connection...select "Authorize"

Congratulations! You received Access and Refresh Tokens. Select "Use Token" to set the access token to your collection.

MANAGE ACCESS TOKENS

All Tokens Delete

My Token

**Token Details**

Token Name	My Token
Access Token	ljx5XdypuwJ8eCHkBRKDIb297Cvab
Token Type	Bearer
expires_in	172800
refresh_token	dLj2smh5qHqEM3nOYquWno9nRWXIDB

**Use Token**

## First API Request

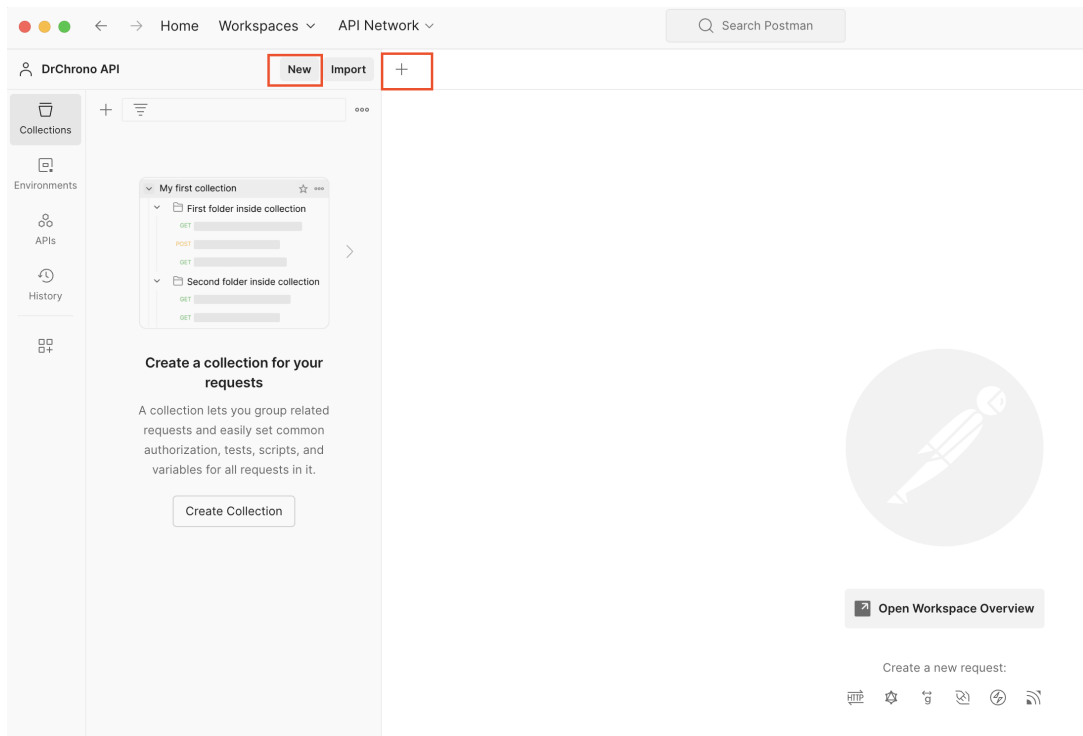
The first call will be to our USERS API endpoint, specifically <https://app.drchrono.com/api/users/current>. This endpoint will provide the connected DrChrono API user.

Your browser does not support HTML5 video.

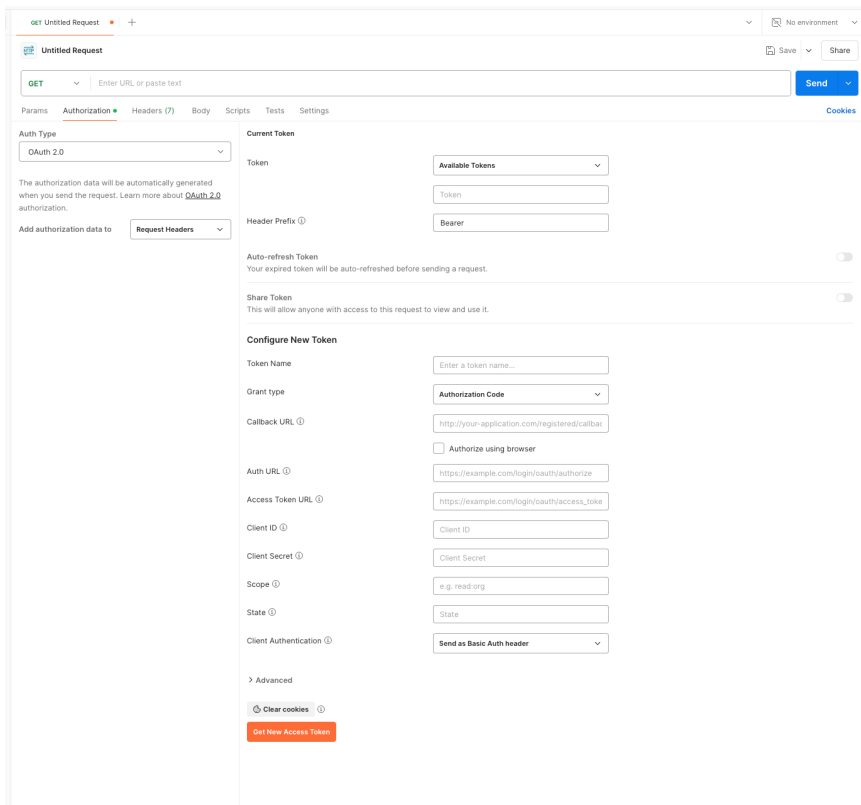
## Alternative Configuration:

Instead of creating a collection, you can configure a connection from the request level.

To start, select the "New" or "+" button. If you select "New" you will be prompted to choose a specific method, select HTTP. If you select the "+" icon, Postman will automatically create a new HTTP request.



From the new request, navigate to the Authorization tab and configure the new token. You can use the same details from above.



Lastly, select "Get New Access Token" to generate a set of tokens.

## Refresh Method

This method will help automate the process of grabbing new access tokens. The access token has an expiration time

of 48 hours. The refresh token does not have an expiration, the refresh token only invalidates if you go through the OAuth process again with the same DrChrono user or utilize the /o/revoke\_token endpoint.

Here is a Python snippet depicting the refresh method.

```
import requests

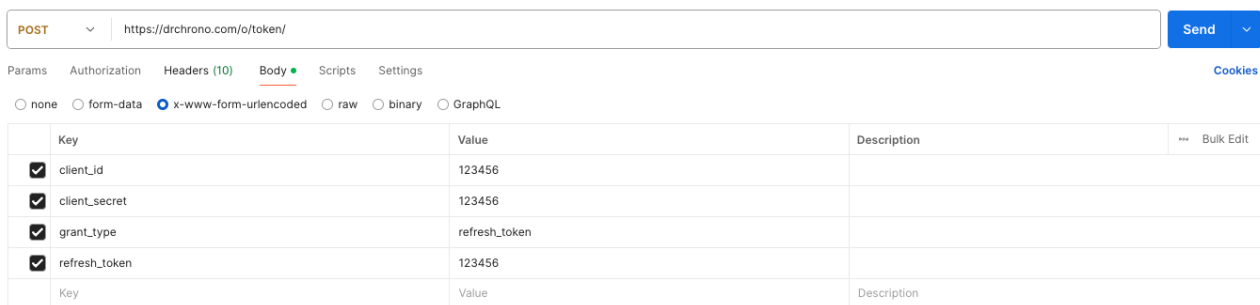
url = "https://drchrono.com/o/token/"

payload = 'client_id=1234&client_secret=1234&grant_type=refresh_token&refresh_token=1234'
headers = {
'Content-Type': 'application/x-www-form-urlencoded'
}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)
```

Let's also take a look at this in Postman.



The screenshot shows a Postman interface for a POST request to `https://drchrono.com/o/token/`. The request body is set to `x-www-form-urlencoded` and contains the following data:

Key	Value	Description
<input checked="" type="checkbox"/> client_id	123456	
<input checked="" type="checkbox"/> client_secret	123456	
<input checked="" type="checkbox"/> grant_type	refresh_token	
<input checked="" type="checkbox"/> refresh_token	123456	
Key	Value	Description

I hope this information was useful! If you have any questions please reach out to [api@drchrono.com](mailto:api@drchrono.com)

## References

<https://app.drchrono.com/api-docs/#section/Introduction>

[https://app.drchrono.com/api-docs-old/v4/documentation#orevoke\\_token](https://app.drchrono.com/api-docs-old/v4/documentation#orevoke_token)

## DrChrono Postman Collection

[DrChrono API Collection.postman\\_collection.json](#) 