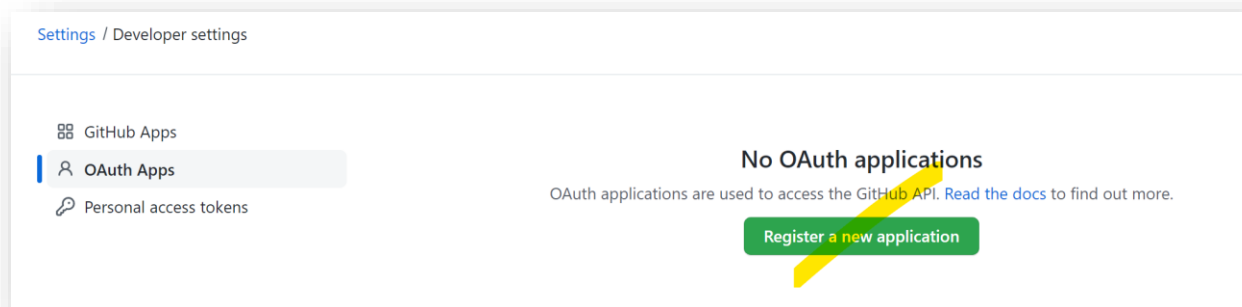
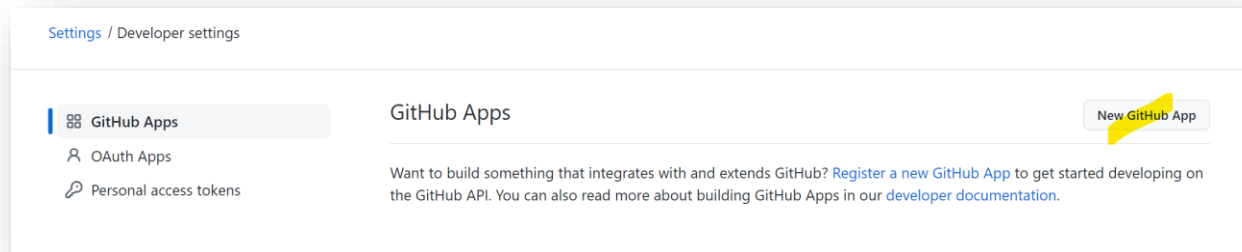


# Setup OAuth2.0 – GitHub App

**Login to GitHub→ Go to profile→ Settings→ Developer Settings**

**Create a new GitHub App:**



## Register a new OAuth application

Application name \*

APITestingTraining

Something users will recognize and trust.

Homepage URL \*

http://localhost:3000

The full URL to your application homepage.

Application description

Application description is optional

This is displayed to all users of your application.

Authorization callback URL \*

http://localhost:3000/callback

Your application's callback URL. Read our [OAuth documentation](#) for more information.

☐ Enable Device Flow

Allow this OAuth App to authorize users via the Device Flow.

Read the [Device Flow documentation](#) for more information.

Register application

Cancel

## APITestingTraining



pavanoltraining owns this application.

Transfer ownership

You can list your application in the [GitHub Marketplace](#) so that other users can discover it.

List this application in the Marketplace

0 users

Revoke all user tokens

### Client ID

e2e76f497363a381720d

### Client secrets

You need a client secret to authenticate as the application to the API.

Generate a new client secret

### Application logo



Drag & drop

Upload new logo

You can also drag and drop a picture from your computer.

### Application name \*

APITestingTraining

Something users will recognize and trust.

### Homepage URL \*

http://localhost:3000

The full URL to your application homepage.

### Application description

Application description is optional

This is displayed to all users of your application.

### Authorization callback URL \*

http://localhost:3000/callback

Your application's callback URL. Read our [OAuth documentation](#) for more information.

### ☐ Enable Device Flow

Allow this OAuth App to authorize users via the Device Flow.

Read the [Device Flow documentation](#) for more information.

Update application

## After generating new client secrete....

### APITestingTraining



pavanoltraining owns this application.

Transfer ownership

You can list your application in the [GitHub Marketplace](#) so that other users can discover it.

List this application in the Marketplace

0 users

Revoke all user tokens

#### Client ID

e2e7[REDACTED]381720d

#### Client secrets

Generate a new client secret

Make sure to copy your new client secret now. You won't be able to see it again.



Client secret

✓ de2e61[REDACTED]29c67ffbba91

Added now by pavanoltraining

Never used

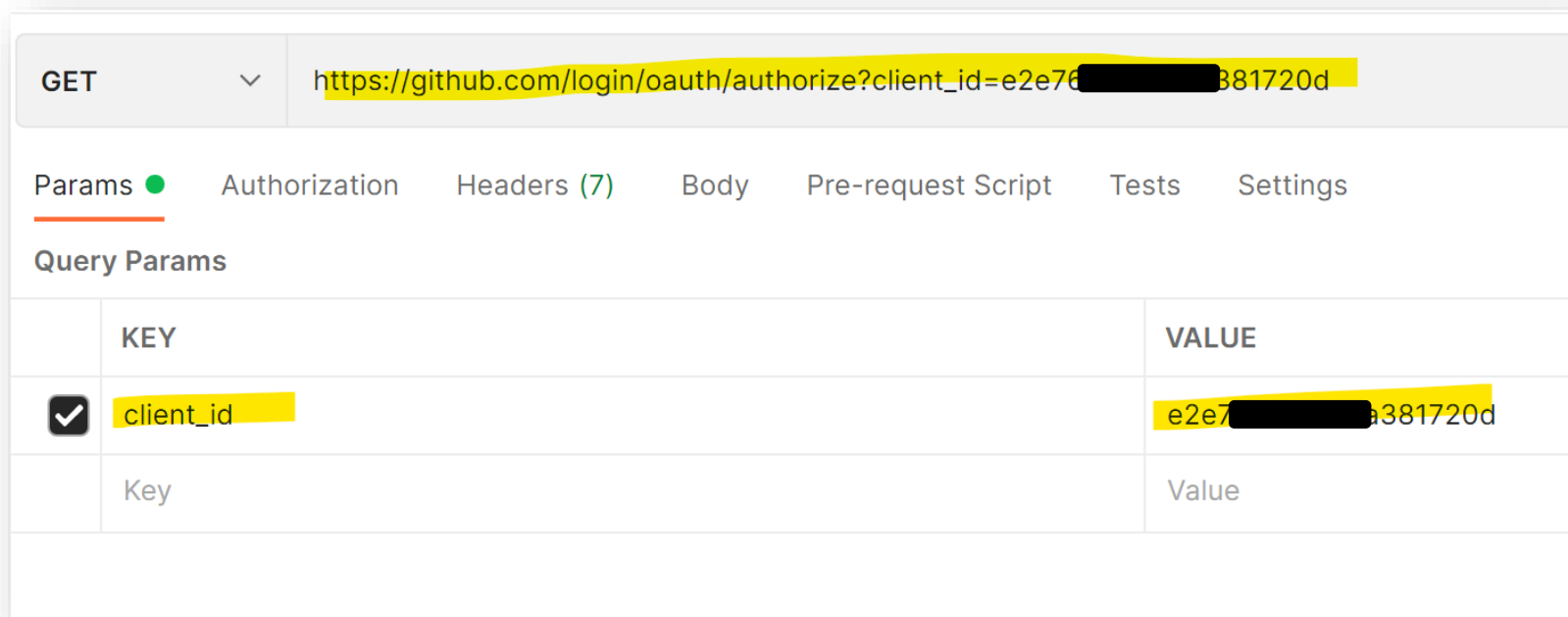
You cannot delete the only client secret. Generate a new client secret first.

Delete

## Step 1: Request a user's GitHub identity

### GET

[https://github.com/login/oauth/authorize?client\\_id=e2e76f497363a381720d](https://github.com/login/oauth/authorize?client_id=e2e76f497363a381720d)

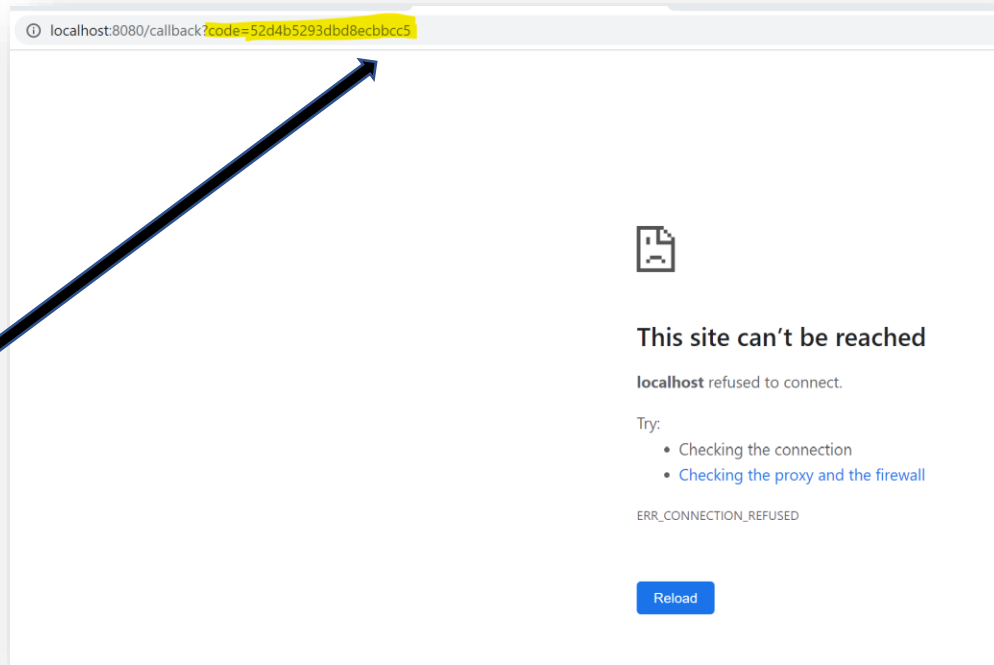
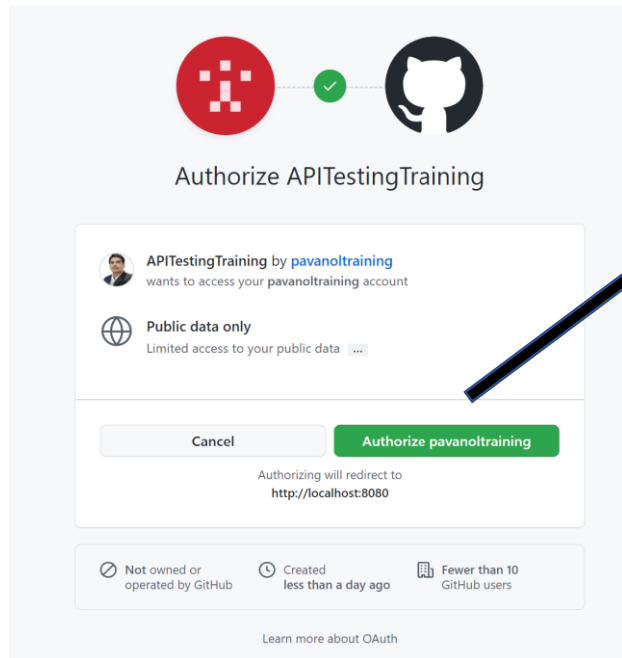


The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** `https://github.com/login/oauth/authorize?client_id=e2e76f497363a381720d`
- Params:** Selected tab, showing a single query parameter:

	KEY	VALUE
<input checked="" type="checkbox"/>	<code>client_id</code>	<code>e2e76f497363a381720d</code>
	Key	Value

**Open the above URL on the browser to get code (check on address bar).**



## Step 2 : Users are redirected back to your site by GitHub

Authentications / hithuboauth / Users are redirected back to your site by GitHub

**POST** [https://github.com/login/oauth/access\\_token?client\\_id=e2e76f497363a381720d&client\\_secret=de2e61ebbf38910d3924fd84fdbc29c67ffbba91&code=52d4b5293dbd8ecbbcc5](https://github.com/login/oauth/access_token?client_id=e2e76f497363a381720d&client_secret=de2e61ebbf38910d3924fd84fdbc29c67ffbba91&code=52d4b5293dbd8ecbbcc5)

Params **Authorization** Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> client_id	e2e76f497363a381720d	
<input checked="" type="checkbox"/> client_secret	de2e61ebbf38910d3924fd84fdbc29c67ffbba91	
<input checked="" type="checkbox"/> code	52d4b5293dbd8ecbbcc5	
Key	Value	Description

Body Cookies (4) Headers (17) Test Results Status: 200 OK Time: 465

Pretty Raw Preview Visualize Text

```
1 access_token=gho_8URk[REDACTED]&token_type=bearer
```

### 3. Use the access token to access the API

#### List Specific user

<https://api.github.com/users/mojombo>

GET <https://api.github.com/users/mojombo>

Params **Authorization** Headers (8) Body Pre-request Script Tests Settings

Type **OAuth 2.0**

The authorization data will be automatically generated when you send the request.  
[Learn more about authorization](#)

Add authorization data to **Request Headers**

**Current Token**  
This access token is only available to you. Sync the token to let collaborators on this request use it.

**Access Token**  
Available Tokens  
gho\_8t...jSkMg...

**Header Prefix**  
e.g. Bearer

**Configure New Token**  
Configuration Options Advanced Options

**Body** Cookies (2) Headers (25) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "login": "mojombo",
3   "id": 1,
4   "node_id": "MDQ6VXNlcjE=",
5   "avatar_url": "https://avatars.githubusercontent.com/u/1?v=4",
6   "gravatar_id": "",
7   "url": "https://api.github.com/users/mojombo",
8   "html_url": "https://github.com/mojombo",
9   "followers_url": "https://api.github.com/users/mojombo/followers",
10  "following_url": "https://api.github.com/users/mojombo/following{/other_user}",
11  "gists_url": "https://api.github.com/users/mojombo/gists{/gist_id}",
12  "starred_url": "https://api.github.com/users/mojombo/starred{/owner}/{/repo}",
13  "subscriptions_url": "https://api.github.com/users/mojombo/subscriptions",
14  "organizations_url": "https://api.github.com/users/mojombo/orgs",
15  "repos_url": "https://api.github.com/users/mojombo/repos",
  ...
}
```



# List all users

<https://api.github.com/users>

The screenshot shows a REST client interface with the following components:

- Request Method:** GET
- URL:** <https://api.github.com/users>
- Authorization:** OAuth 2.0
- Current Token:** This access token is only available to you. Sync the token to let collaborators on this request use it.
- Access Token:** gho\_8U...Mg...
- Header Prefix:** e.g. Bearer
- Configure New Token:** Configuration Options, Advanced Options
- Body:** Pretty, Raw, Preview, Visualize, JSON
- Status:** 200 OK

The JSON response is as follows:

```
1 {
2   "login": "mojombo",
3   "id": 1,
4   "node_id": "MDQ6VXNlcjE=",
5   "avatar_url": "https://avatars.githubusercontent.com/u/1?v=4",
6   "gravatar_id": "",
7   "url": "https://api.github.com/users/mojombo",
8   "html_url": "https://github.com/mojombo",
9   "followers_url": "https://api.github.com/users/mojombo/followers",
10  "following_url": "https://api.github.com/users/mojombo/following{/other_user}",
11  "gists_url": "https://api.github.com/users/mojombo/gists{/gist_id}",
12  "starred_url": "https://api.github.com/users/mojombo/starred{/owner}/{/repo}",
13  "subscriptions_url": "https://api.github.com/users/mojombo/subscriptions",
14  "organizations_url": "https://api.github.com/users/mojombo/orgs",
15  ...
}
```