

⌵ How to Use CURL to Send API Requests?



⌵ What is Curl?

- Curl is used in command lines or scripts to transfer data
- Curl is free and open source software

⌵ Link

- <https://curl.se/>

⌵ Curl Syntax

⌵ curl [options] [URL...]

- No Title

- The options we will cover in this post are:

- X or --request - HTTP method to be used
- i or --include - Include the response headers
- d or --data - The data to be sent to the API
- H or --header- Any additional headers to be sent

⌵ HTTP Methods)

⌵ GET

- `curl https://jsonplaceholder.typicode.com/posts`

⌵ With Params

- `curl https://jsonplaceholder.typicode.com/posts?userId=5`

⌵ POST

⌵ Normal

- `curl -X POST -d "userId=5&title=Post Title&body=Post content." https://jsonplaceholder.typicode.com/posts`

⌵ Authentication

- `curl -X POST \`
`https://some-web-url/api/v1/users \`
`-H 'Accept: application/json' \`
`-H 'Content-Type: application/json' \`
`-H 'Authorization: Bearer {ACCESS_TOKEN}' \`
`-H 'cache-control: no-cache' \`
`-d '{`
 `"username" : "myusername",`
 `"email" : "myusername@gmail.com",`
 `"password" : "Passw0rd123!"`
`}'`

⌵ PUT

- `curl -X PUT -H "Content-Type: application/json" \`
`-d '{"userId": 5, "title": "New Post Title", "body": "New post content."}' \`
`https://jsonplaceholder.typicode.com/posts/5`

⌵ PATCH

- `curl -X PATCH -H "Content-Type: application/json" \`
`-d '{"userId": 5, "body": "Updated post content."}' \`
`https://jsonplaceholder.typicode.com/posts/5`

⌵ DELETE

- `curl -X DELETE https://jsonplaceholder.typicode.com/posts/5`

⌵ More Info

- <https://everything.curl.dev/>