

GET Method

In this lesson, we will understand how to use the HTTP GET method.

We'll cover the following

- What is the GET method?
- Try it yourself

What is the GET method?

The **GET** method is used by the client to fetch the data from the server.

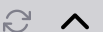
Let's make a **GET** request for the given URL.

```
curl -X GET https://reqres.in/api/users/2
```

- The command above will show the response data from the server in the form of a **JSON**

Note: By default, **curl** requests the URL using the **GET** method. To request the specific URL using the **POST**, **DELETE** or **PUT** methods, we have to use the **-X** right after the curl command and specify the name of a particular method.

● Terminal



Understanding the terminal output

The output is a **JSON** response returned from the server for the requested specified resource. A **JSON** format will have a key/value pair that represents the data enclosed by curly braces.

```
{"data":{"id":2,"email":"janet.weaver@reqres.in","first_name":"Janet","last_name":"Weaver","avatar":"https://s3.amazonaws.com/uifaces/faces/twitter/josephstein/128.jpg"},"ad":{"company":"StatusCode Weekly","url":"http://statuscode.org/","text":"A weekly newsletter focusing on software development, infrastructure, and the future of the internet."}}
```

```
re, the server, performance, and the stack end of things."}}
```

You can learn more about `JSON` [here](#).

Try it yourself

You can take any URL, make a `GET` request using the curl command in the above terminal, and analyze the output. Try the commands below in the terminal above and analyze the response.

```
curl -iX GET https://www.espncriinfo.com/
```

The output will have two parts:

1. Response headers in the form of *key/value* pairs
2. The server response will also include the HTML content in the form of the message body

```
curl -IX GET https://www.espncriinfo.com/
```

The output will have only one part:

1. Response headers in the form of *key/value* pairs

We can use different switches with the curl command. Using the `-X` switch will just show us the HTML content in the form of the message body. The `-iX` switch will show us a response header as well as HTML content in the form of the message body, while the `-I` switch will just show us the response header.

In the next lesson, we will learn about the HTTP POST method.