

PUT Method

In this lesson, we will learn about the HTTP PUT request method.

We'll cover the following



- What is the PUT method?

What is the PUT method?

The **HTTP PUT** method will update an existing resource or create a new resource on the server, depending on the request payload.

PUT is *idempotent*.: This means that an outcome will remain the same even if it's called several times successively. For instance, calling the POST several times with the same request data may create a new resource each time, therefore, it is not idempotent.

Now, let's understand more what this means with the example below.

1. Let's make a **GET** request for the given **URL** and fetch an existing record

```
curl -X GET https://jsonplaceholder.typicode.com/posts/1
```

2. Update this record's title using **PUT** request

```
curl -X PUT -d '{"title":"This is an updated post"}' https://jsonplaceholder.typicode.com/posts/1
```

- In the **PUT** request above, (**-X** is for **HTTP Method** and **-d** for **--data**). The data is passed in the form of a **JSON** string

• Terminal



Understanding the terminal output

- The output is the response message in **JSON** format with updated fields and the **HTTP Response** status code is **200 OK**.

```
{  
  "{\\"title\\":\\"This is an updated post\\"}": "",  
  "id": 56  
}
```

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