HTTP Methods

In this lesson, we will discuss curl command, an overview of an URL, and the most commonly used HTTP methods.

We'll cover the following ^

- What is the curl command?
- Overview of a URL
- HTTP methods

What is the `curl` command?

The `curl` command is a command-line tool used to transfer data to or from a server, with the help of any of the supported protocols (HTTP, FTP, IMAP, POP3, SCP, SFTP, SMTP, TFTP, TELNET, LDAP or FILE).

The syntax for the `curl` command is as follows:

```
curl [options] [URL...]
```

You can read more about `curl` here.

- `curl` is free and open-source

- It supports various protocols

- You can refer to GitHub for the latest source code of curl

- Please refer to POST Request Using Curl

In this chapter, we will use the `curl` command to demonstrate the various `HTTP` methods.

Overview of a `URL`

`HTTP` resources are identified and located on the network by `Uniform Resource Locators` (URLs), using the `Uniform Resource Identifiers` (URIs) schemes `HTTP` and

`HTTPS` .

A sample URL:

`https://www.educative.io/explore`

Here,

- *https* – protocol (Secure HTTP)
- *www* – subdomain
- *educative.io* – domain name
- */explore* – service end point

HTTP methods

`HTTP` methods are designed to enable communications between clients and servers. We will discuss the most commonly used `HTTP` methods in the next few lessons.

- **GET**
- **POST**
- **PUT**
- **DELETE**

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