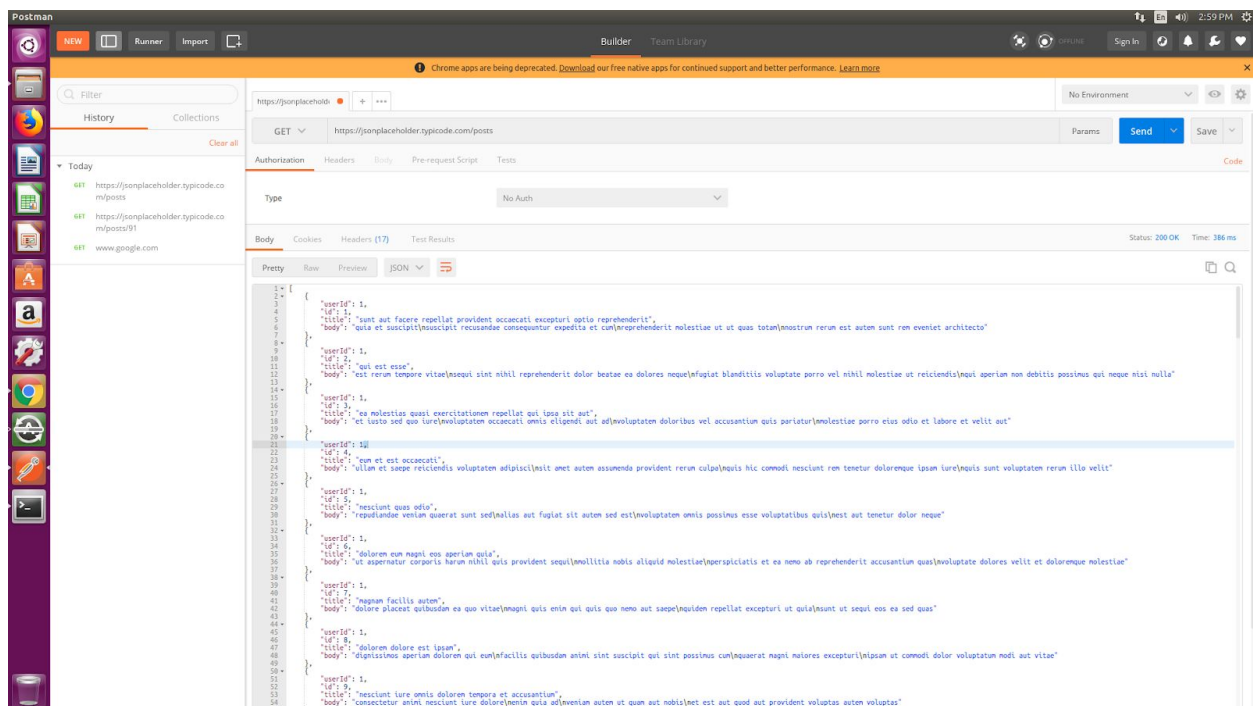# Postman & Curl

Postman is a powerful HTTP client for testing web services. Created by Abhinav Asthana, a programmer and designer based in Bangalore, India, Postman makes it easy to test, develop and document APIs by allowing users to quickly put together both simple and complex HTTP requests.

It presents you with a friendly GUI for constructing requests and reading responses. The people behind Postman also offer an add-on package called Jetpacks, which includes some automation tools and, most crucially, a Javascript testing library.

Curl is a tool to transfer data from or to a server, using one of the supported protocols (HTTP, HTTPS, FTP, FTPS, SCP, SFTP, TFTP, DICT, TELNET, LDAP or FILE). The command is designed to work without user interface.

Postman Screenshots:-

Postman

NEW | Runner | Import

Builder | Team Library

Sign In | OFFLINE

Filter

History | Collections

Clear all

Today

POST https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts/56
POST https://jsonplaceholder.typicode.com/posts/1
POST https://jsonplaceholder.typicode.com/posts/1
POST https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts/1
GET https://jsonplaceholder.typicode.com/posts/91
GET www.google.com

No Environment

POST | https://jsonplaceholder.typicode.com/posts | Params | Send | Save

Authorization | Headers (1) | Body | Pre-request Script | Tests | Code

○ form-data ● x-www-form-urlencoded ○ raw ○ binary

Key	Value	Description		Bulk Edit
☑ userId	7			
☑ title	post updated			
☑ body	post updated			
New key	Value	Description		

Body | Cookies | Headers (19) | Test Results | Status: 201 Created | Time: 3985 ms

Pretty | Raw | Preview | JSON

```
1 {
2   "userId": "7",
3   "title": "post updated",
4   "body": "post updated",
5   "id": 103
6 }
```

Postman

NEW | Runner | Import

Builder | Team Library

Sign In | OFFLINE

Filter

History | Collections

Clear all

Today

HEAD https://jsonplaceholder.typicode.com/posts
GET curl is a tool to transfer data from or to a server, using one of the supported protocols (HTTP, HTTPS, FTP, FTP
POST https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts/56
POST https://jsonplaceholder.typicode.com/posts/1
POST https://jsonplaceholder.typicode.com/posts/1
POST https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts
GET https://jsonplaceholder.typicode.com/posts/1
GET https://jsonplaceholder.typicode.com/posts/91
GET www.google.com

No Environment

HEAD | https://jsonplaceholder.typicode.com/posts | Params | Send | Save

Authorization | Headers (1) | Body | Pre-request Script | Tests | Code
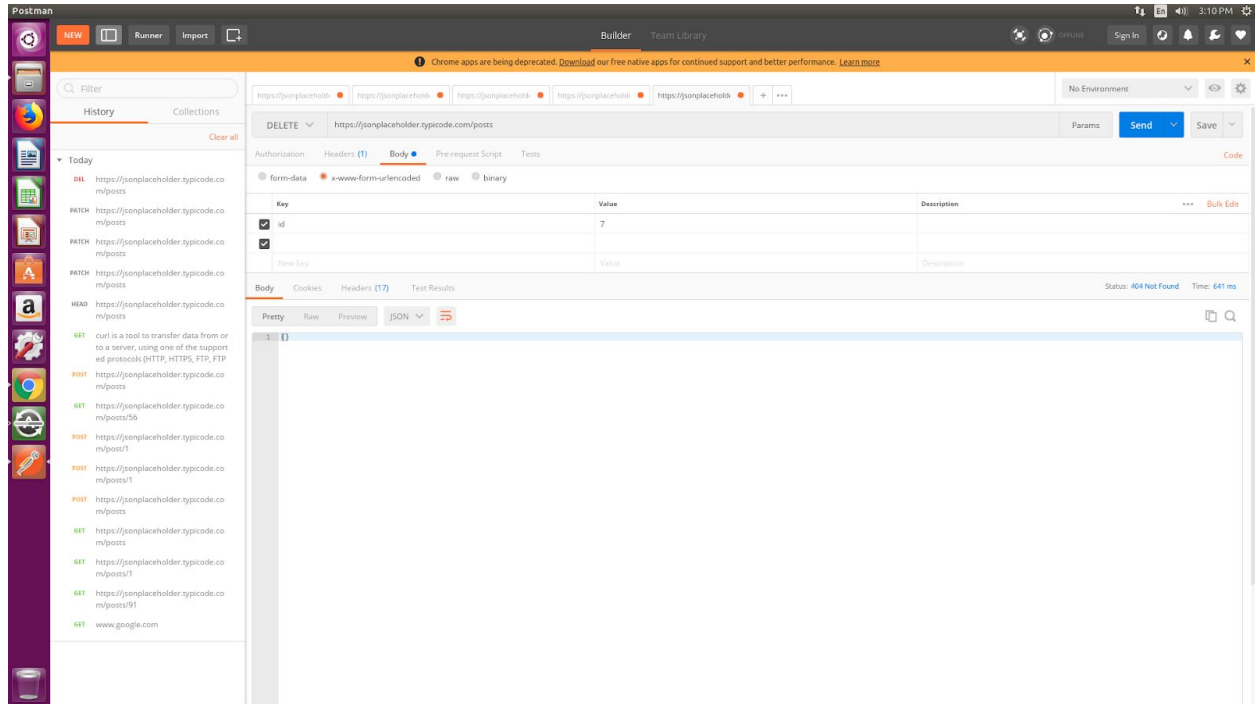
Type | No Auth

Body | Cookies | Headers (17) | Test Results | Status: 200 OK | Time: 140 ms

Pretty | Raw | Preview | JSON

```
1 |
```

Delete Command:-

```
fetch('https://jsonplaceholder.typicode.com/posts/1', {
  method: 'DELETE'
})
```

Showing resource Command:-

```
fetch('https://jsonplaceholder.typicode.com/posts/1')
  .then(response => response.json())
  .then(json => console.log(json))
```

Curl Commands:-

List all posts

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

List 1 post

curl https://jsonplaceholder.typicode.com/posts/31

Including all the header information

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

Get just the header

curl --head https://jsonplaceholder.typicode.com/posts   ,or
curl -I https://jsonplaceholder.typicode.com/posts

Put the requests in file

curl -o hi.txt https://jsonplaceholder.typicode.com/posts