

2025

Spotify Web API

Let's have some fun with
Postman and Spotify



Emerson Fleming

Software Engineer

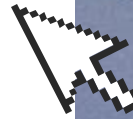
Lake Tahoe, NV

- Grew up in Incline Village, NV and live in Reno, NV
- Web developer working at ITS Logistics
- I am a sucker for Y2K content (nostalgic asf)
- Hobbies:
 - Playing games, watching movies, listening to music
 - Mountain biking and snowboarding
 - Hanging out with my friends and family



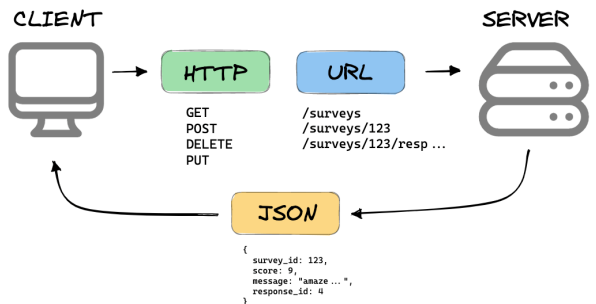
What is an API?

- Stands for **Application Programming Interface**
- AWS Definition: “Mechanisms that enable two software components to communicate with each other using a set of definitions and protocols”
- Two computers talking to each other & exchanging data
- For today’s sake: Method in which a user can programmatically interact with an application of their choosing, often beyond what is possible in a provided user interface





WHAT IS A REST API?



mannhowie.com



What is a REST/RESTful API?

- Red Hat Definition: “A REST API...follows the design principles of the REST architectural style”
- For today’s sake: An API that is accessed via an HTTP request, indexed via URI “endpoints”, and return data in some format (typically JSON)

- Example:

- Request: GET

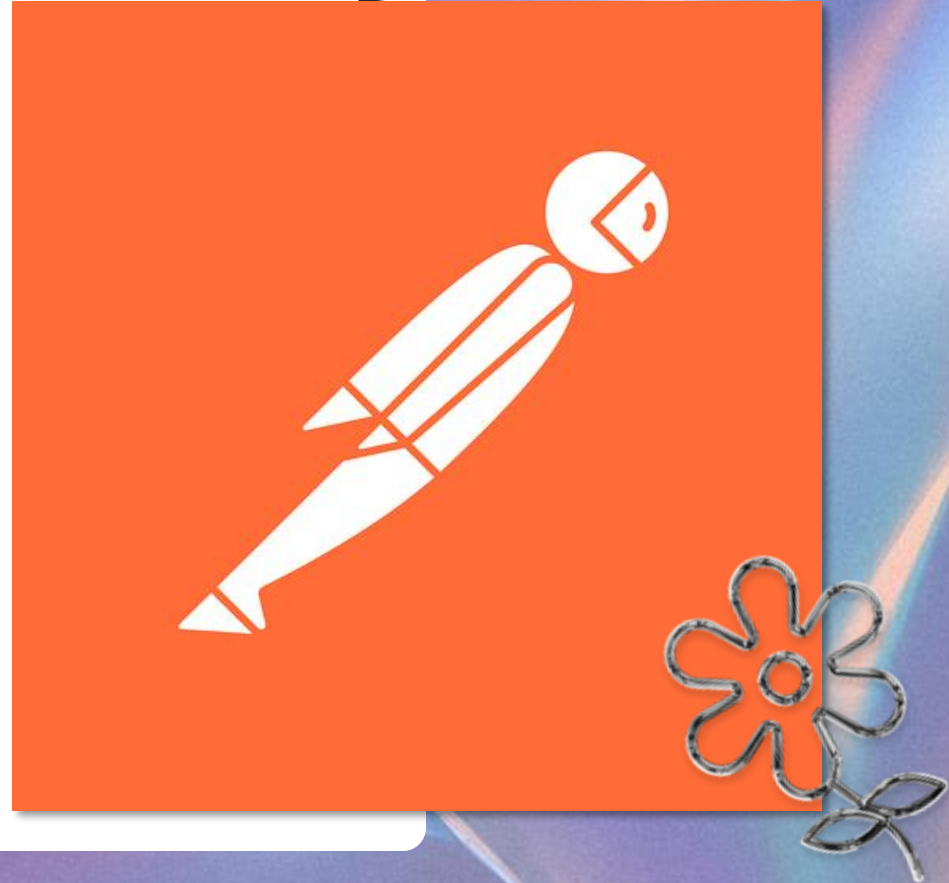
`https://api.example.com/users?id=shmem`

- Response:

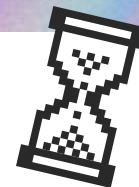
```
{
  user_id: "shmem",
  followers: 33,
  posts: {...}
}
```

What is Postman?

- Postman is a no-code tool that lets us make HTTP requests in an easy-to-use GUI
- You will need to code to automate these requests, but Postman provides a great template for testing and getting all ducks in a row before writing code
- For un-automated requests, Postman is a great tool to send HTTP requests



Postman Rundown



Emerson Fleming's Workspace

Collections

- Spotify
 - GET Get currently playing
 - GET get artist
 - GET https://api.spotify.com/v1/artists/6...
 - GET https://api.spotify.com/v1/albums/...

Environments

Flows

History

API Network

Search Postman

Home Workspaces API Network

GET https://api.spotify.com/v1/me/player/currently-playing 13 Jun 2025, 8:42 PM

GET

https://api.spotify.com/v1/me/player/currently-playing

Save Share

Send

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers Test Results 13 Jun 2025, 8:42 PM 200 OK 157 ms 2.02 KB

Response not stored

Save response setting must have been off when this request was sent.

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash

Example: Theme Parks



The background is a vibrant, abstract composition of flowing, liquid-like shapes in shades of purple, blue, and pink. Two metallic, reflective dolphins are positioned diagonally, one in the upper right and one in the lower left, appearing to swim through the colorful medium. The text "Let's dive into Spotify!" is centered in a bold, black, sans-serif font.

**Let's dive into
Spotify!**