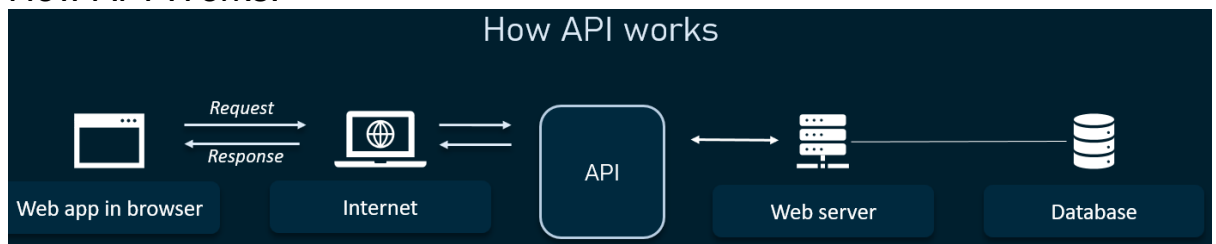


API

- Postman is an API platform for building and using APIs. Postman simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs—faster.
- POSTMAN is an API client used to develop, test, share and document APIs. It is used for backend testing where we enter the end-point URL, it sends the request to the server and receives the response back from the server.
- API is nothing but Application Programming Interface
- It is a interface that allows two applications to interact with each other
- Examples :- In Today's modern world we are sitting inside home and getting whether from Bangalore location.
- If we book cab any mobile application then we can track that vehicle in our devices using Google map services. That is nothing but That application is using Google Maps API.
- API stands for Application Programming Interface which allows software applications to communicate with each other via API calls.

How API Works:



API stands for Application Programming Interface. It is a way for your application to interact with other applications via an endpoint.

Methods -

You can build out an API for your application that is available for other developers to utilize/connect to via HTTP methods,

1. GET: Retrieve data from an API endpoint.
2. PUT: Update data via an API - similar to POST but more about updating info.

3. POST: Send data to an API.
4. DELETE: Remove data from given API.
5. PATCH: Update data.

End Point/Request URL-

We could do it simpler, by examples:

`/this-is-an-endpoint /another/endpoint /some/other/endpoint /login /accounts /cart/items`

and when put under a domain, it would look like:

`https://example.com/this-is-an-endpoint`

`https://example.com/another/endpoint`

`https://example.com/some/other/endpoint`

`https://example.com/login`

`https://example.com/accounts`

`https://example.com/cart/items`

Can be either http or https, we use https in the example.

Also endpoint can be different for different HTTP methods, for example:

`GET /item/{id} PUT /item/{id}`

6. Postman Native app is a standalone app that is available for [download](https://www.postman.com/downloads/) (<https://www.postman.com/downloads/>) in various OS platforms like Windows, Mac OS, Linux, etc. This can be downloaded just like any other application depending upon the user's platform.
7. Sign up using google.
8. Create account with Email ID.

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Download Postman

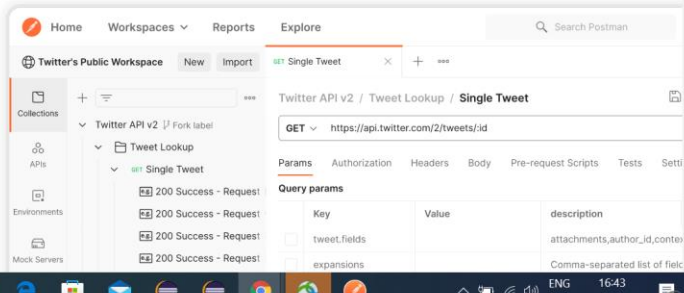
Download the app to quickly get started using the Postman API Platform. Or, if you prefer a browser experience, you can try the new web version of Postman.

The Postman app

The ever-improving Postman app (a new release every week) gives you a full-featured Postman experience.

Windows 64-bit

By downloading and using Postman, I agree to the [Privacy Policy](#) and [Terms](#).



Postman - Sign Up x +

identity.getpostman.com/signup?continue=https%3A%2F%2Fgo.postman.co%2Fbuild

Sign in with Single Sign-On (SSO)

Why Sign Up?

- Organize all your API development within Postman Workspaces
- Sync your Postman data across devices
- Backup your data to the Postman cloud
- It's free!

Create Postman Account

[Sign In instead?](#)

Email

Username

Password [SHOW](#)

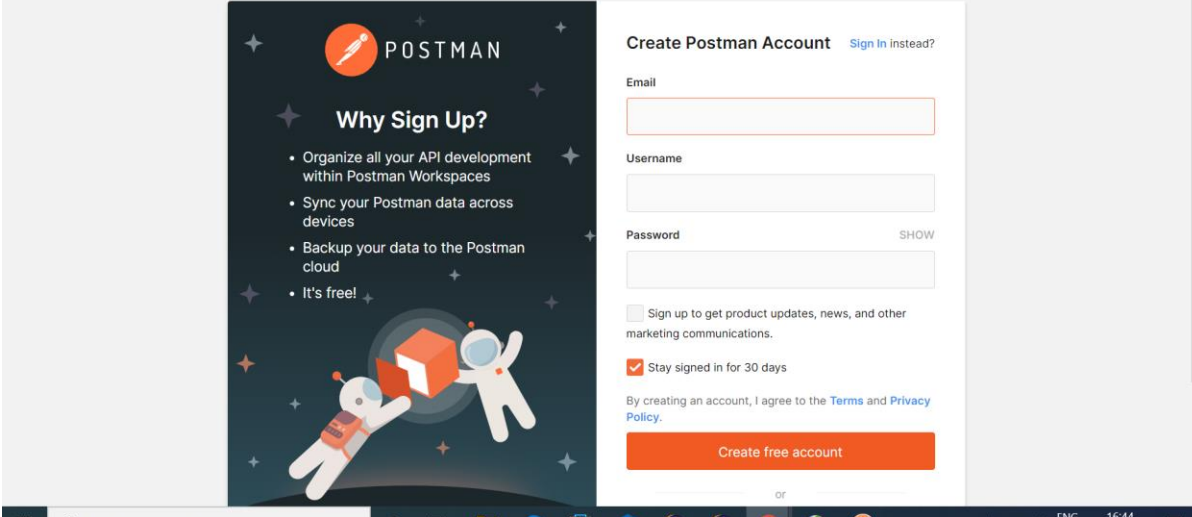
☐ Sign up to get product updates, news, and other marketing communications.

☒ Stay signed in for 30 days

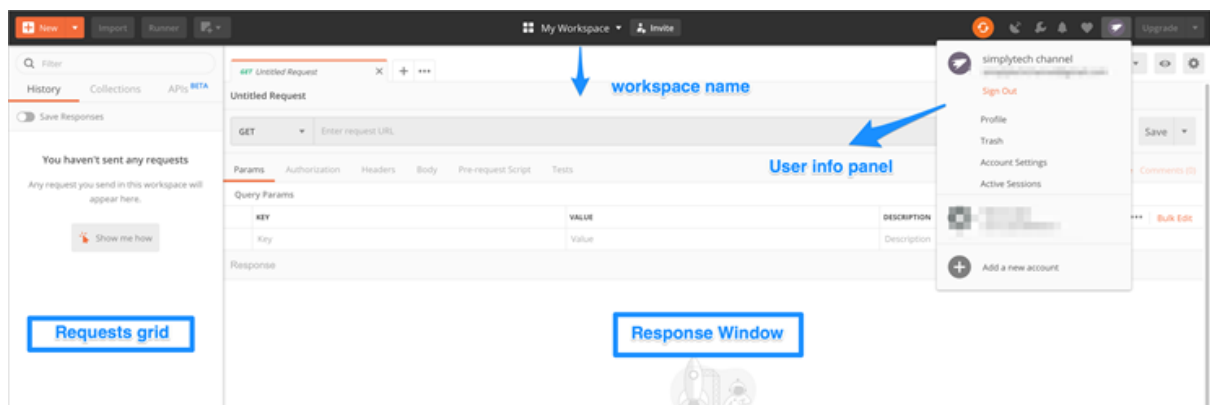
By creating an account, I agree to the [Terms](#) and [Privacy Policy](#).

Create free account

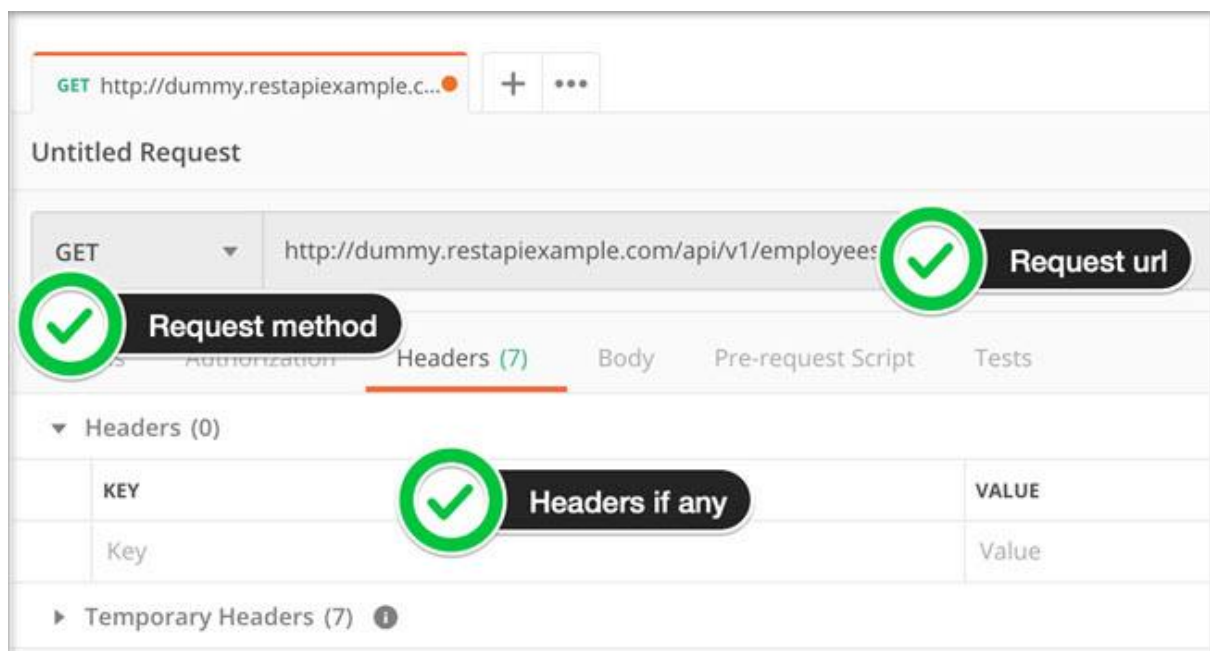
or



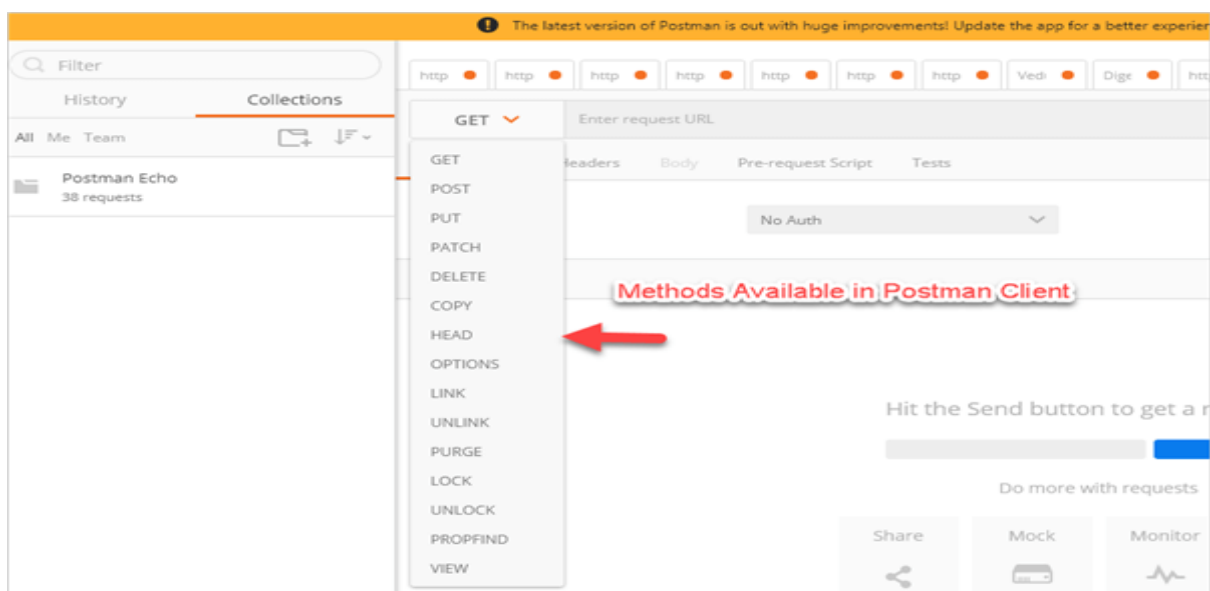
Given below is the image of the Postman UI initial screen:



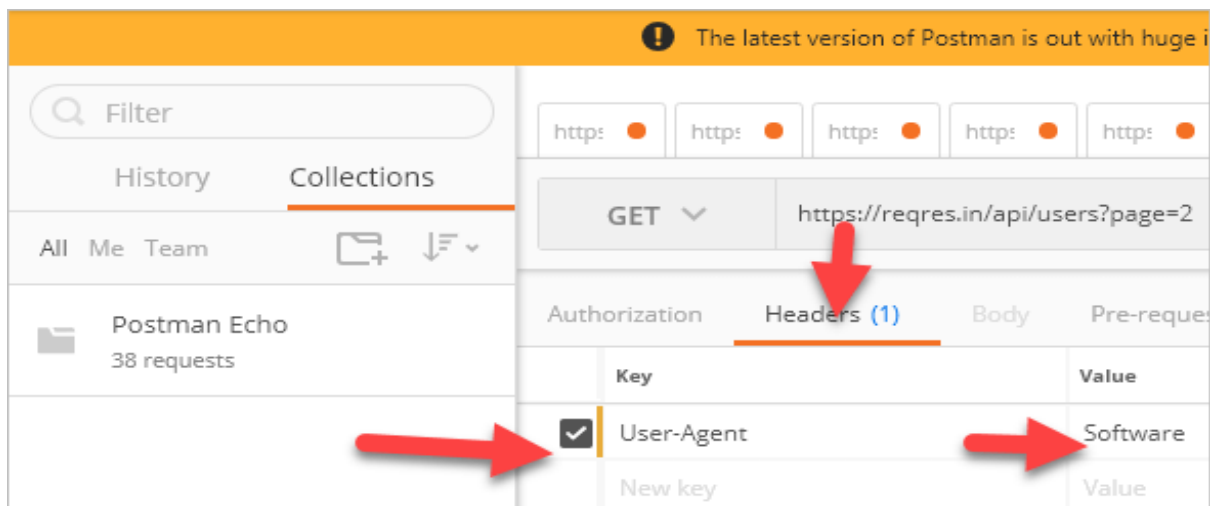
Let's test a get request for a REST API endpoint
<http://dummy.restapiexample.com/api/v1/employees>



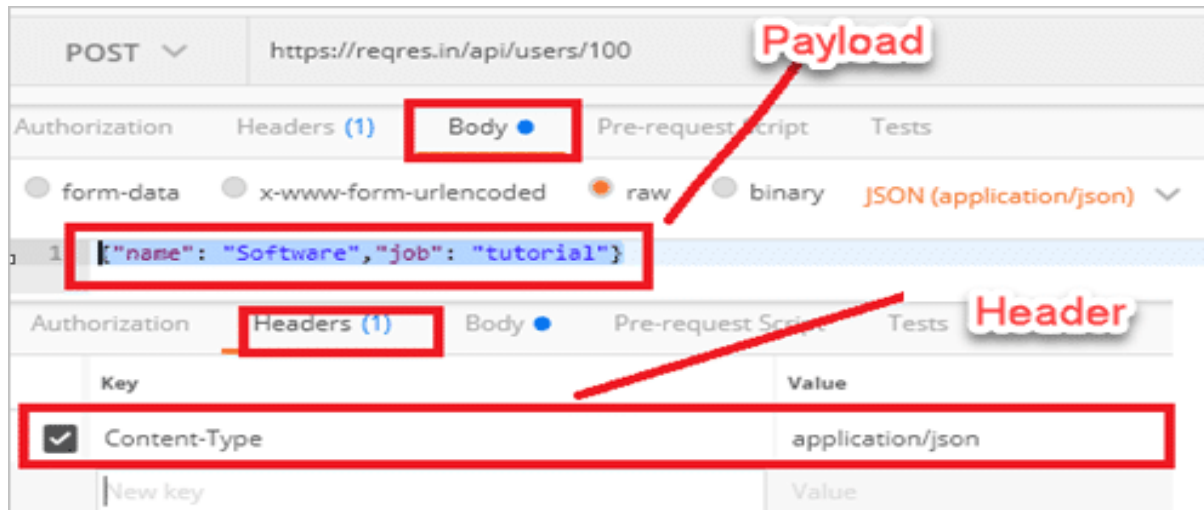
Once the request properties are filled in, hit **SEND** to execute the request to the server hosting the endpoint.



Provide Headers (if required) like User-Agent: "Software".



Post Method with Header Information



Once the server responds, we can check the various data around the response.