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HTTP

methods you must know

Get

Example

GET/ api/users

Return all users

Description

Retrieves data from server. it should retrieve data and should have no other side effect.

POST

Example

POST/ api/users

Post data to the server

Description

Used to **send data to a server** to create a new resource. The data is included in the body of the request

PUT

Example

PUT/ api/users/123

Update users by ID

Description

Similar to POST, but it's used to **update an existing** resource

PATCH

Example

PATCH/ api/users/1234
{'name': "jack"}

Update name for user by ID 1234

Description

Used to update resources but it only updates the **fields** that were **included** in the **request**

DELETE

Example

DELETE/ api/users/143

Delete user by ID

Description

Deletes a resource.
Regardless of number of calls, it returns the same result.

HEAD

Example

HEAD/ api/users

Similar to GET, but does not return the list of users

Description

Typically used to **check** if a resource is **available** and **to get** the **metadata**.

OPTIONS

Example

OPTIONS/ api/main.html/1.1

Return Permitted HTTP method in this URL

Description

Used to get information about the possible communication options for the given URL or an asterisk to refer to the entire server.

TRACE

Example

TRACE/ api/main.html

Responds the exact request that client sent

Description

Used for diagnosis purposes. It echoes the received request so that a client can see what changes or additions have been made by intermediate servers

CONNECT

Example

Connect www.example.com:8080

Connect to the URL Provided

Description

Used for making end to end connections between a client and a server, it makes a two way connection like a tunnel between them.

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