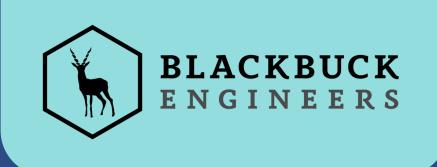


The MERN Development Lab

Session 19 - ExpressJS REST API
BY AQUIB AJANI





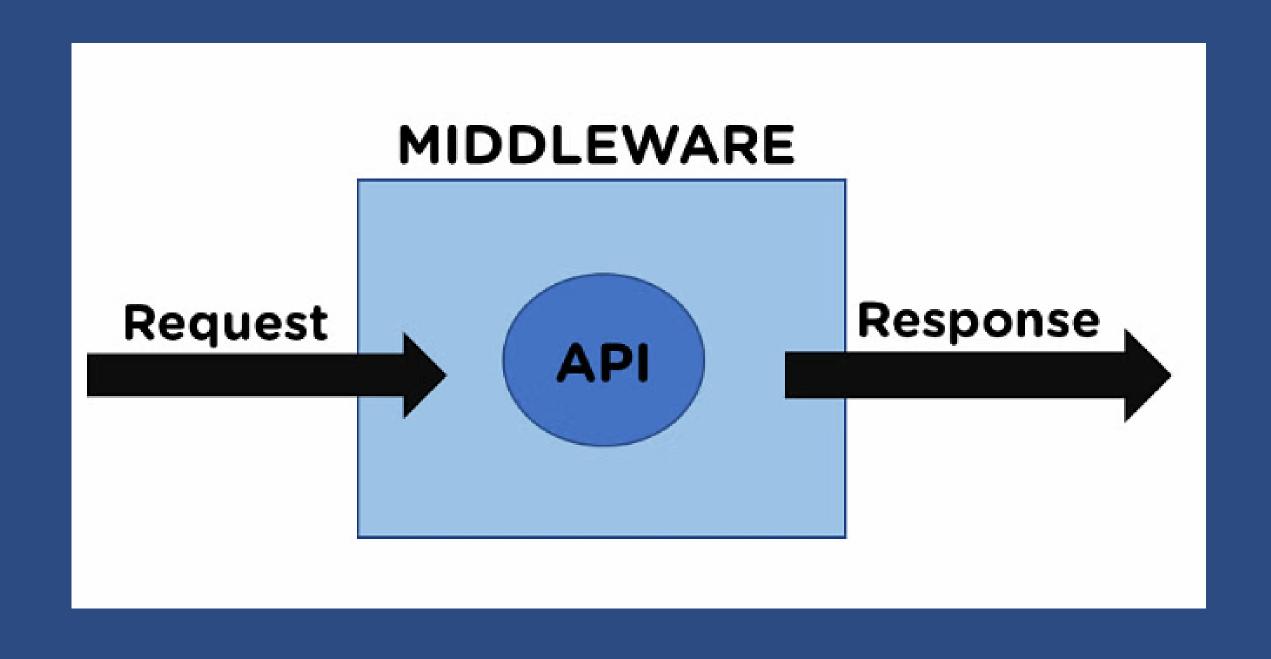
tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024

https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024

What is ExpressJS?



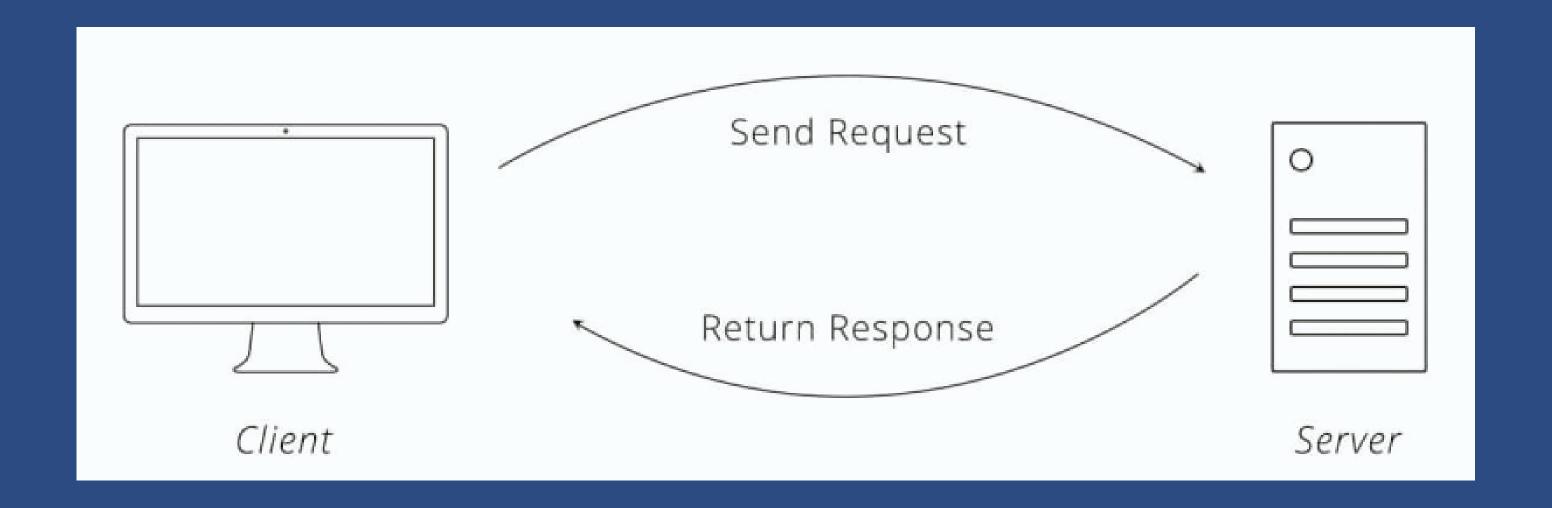
The role of ExpressJS



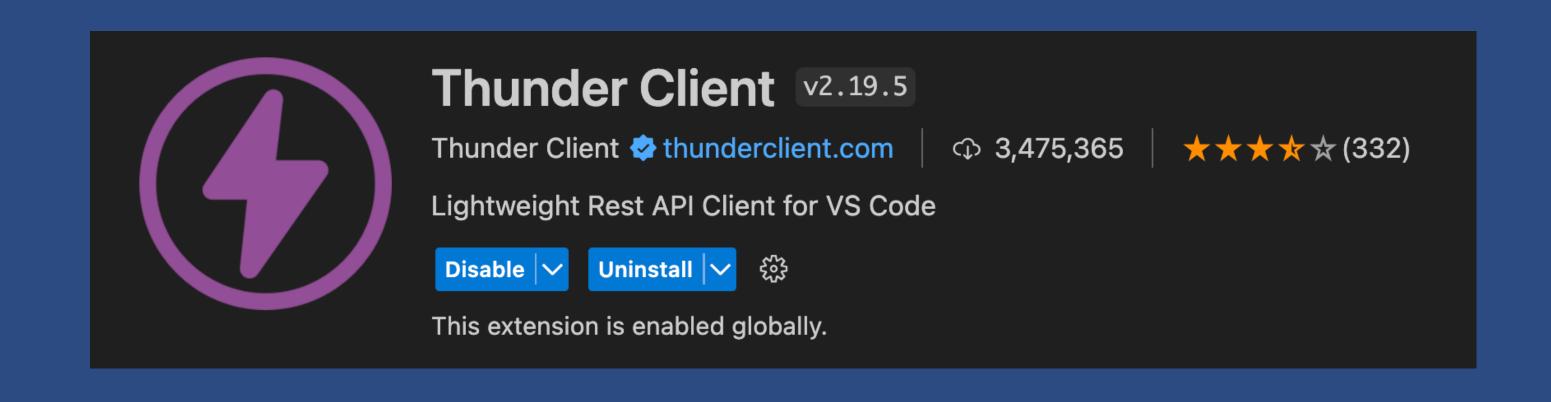
Creating a new Express Server

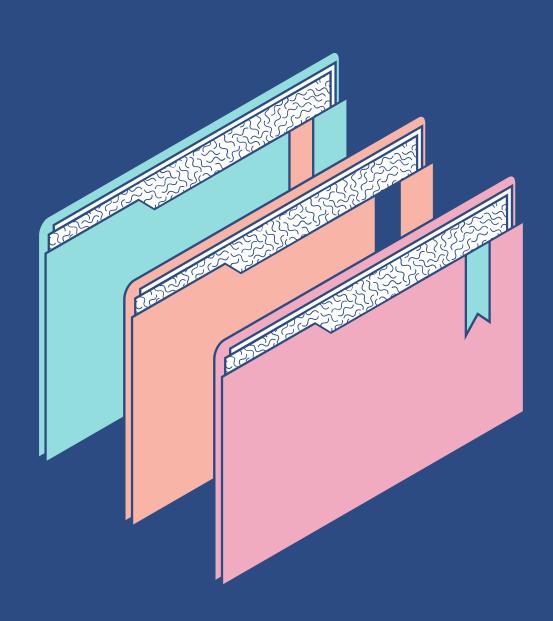
>_ npm init -y

Returning a "response"



Testing Express Server with Thunder Client





Session Agenda

EXPRESSJS REST API

- What is an API?
- Properties of RESTful API
- HTTP Methods
- The GET Method
- The POST Method
- The PUT Method
- The PATCH Method
- The DELETE Method

Application Programming Interface





Properties of RESTful API

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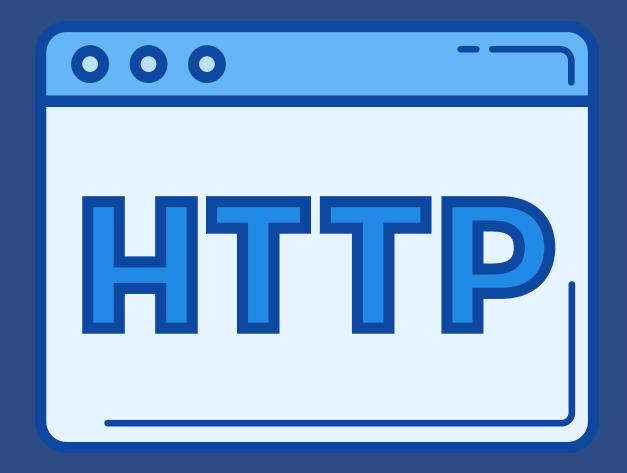


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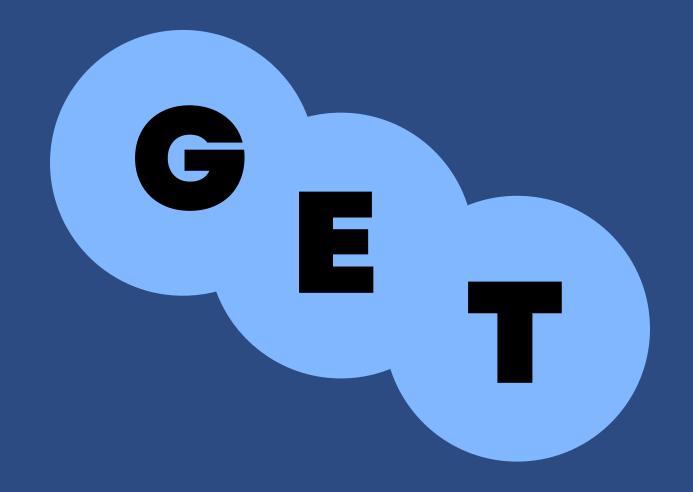
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- Cacheability: Support for caching responses to improve performance.
- Layered System: Allows for intermediaries like proxies for scalability and security.

HTTP Methods



The GET Method

Retrieves data from a server



The POST Method

Submits data to be processed by a server



The PUT Method

Updates or replaces data on a server



The PATCH Method

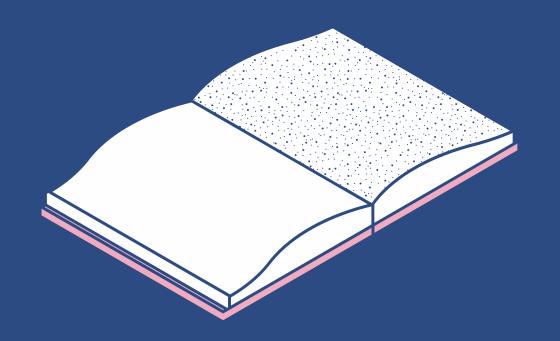
Partially updates data on a server



The DELETE Method

Removes data from a server





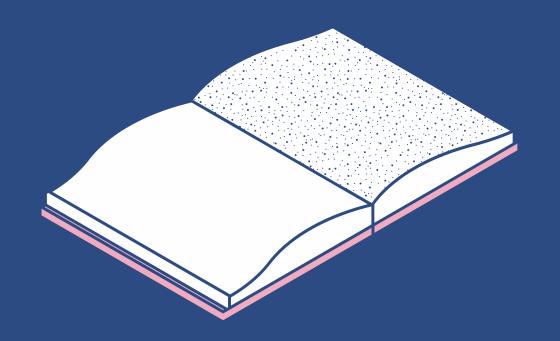
Which HTTP method is commonly used for creating new resources on a server in a RESTful API?

1.GET

2.POST

3.PUT

4. DELETE



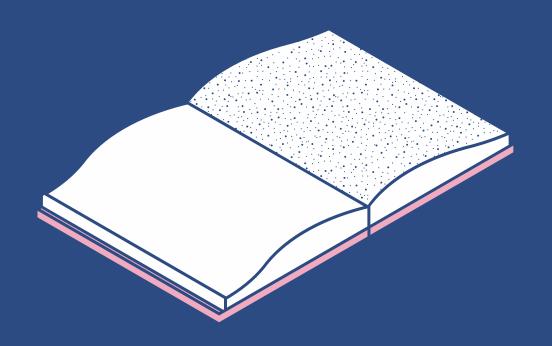
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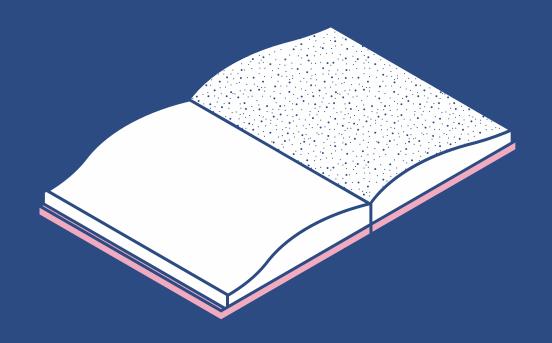
3.PUT

4. DELETE



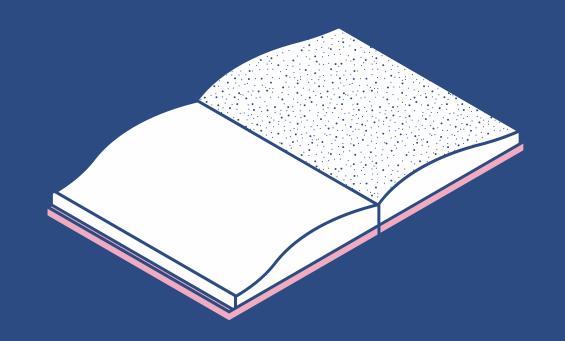
What does the DELETE HTTP method do in a RESTful API?

- 1. Retrieves data from a server
- 2. Submits data to a server
- 3. Removes data from a server
- 4. Partially updates data on a server



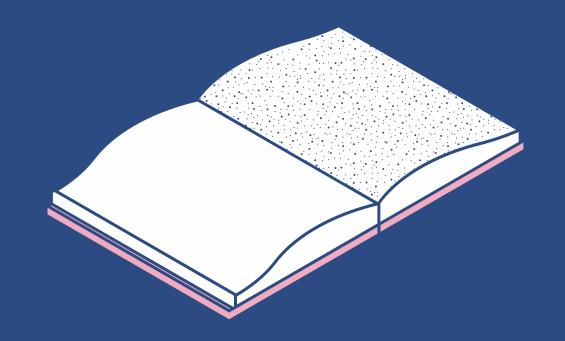
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Which HTTP method should be used to update or replace an existing resource on a server in a RESTful API?

- 1.PUT
- 2. PATCH
- 3.POST
- 4. GET



Which HTTP method should be used to update or replace an existing resource on a server in a RESTful API?

- 1.PUT
- 2. PATCH
- 3.POST
- 4. GET