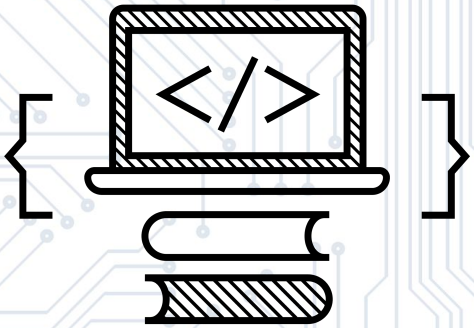

Express Yourself

Web Development Boot Camp

Lesson 11.2

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Early Concerns

Comment #1

> This is all so confusing.

Comment #1: “This is all so confusing.”

Response: And it will be for your employer as well.

Comment #2

“I feel like I’m just copying and pasting.”

Comment #2: “I feel like I’m just copying and pasting.”

Response:

- Back-end code libraries mean you have to code less.
- Often you are just copying and pasting “best practices” over and over again.

Today’s Class

Your Objectives Today

Before you walk out the door, you should:

Know how to create a generic Express server (copy and paste is fine).

Know how to create a basic Express GET route.

Know how to create an Express POST route.

Know what Insomnia Core is for.

Understand how to GET and POST data to an Express server.

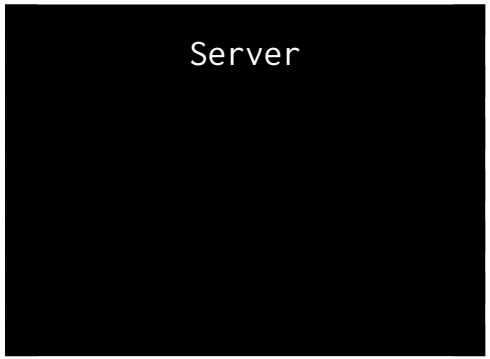
A Moment to Refresh

Activity: A Big Box

Take a few moments to answer the following questions with the person next to you:

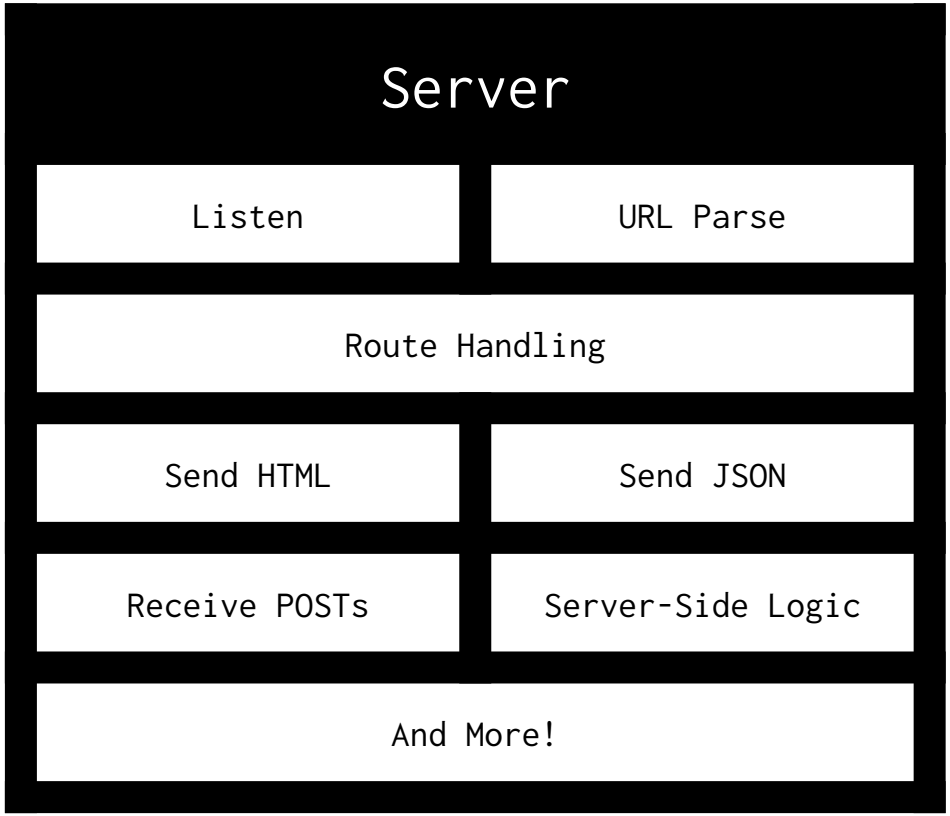
01 How does this box represent a server?

02 What modules or “sub-boxes” commonly exist inside?



Inside the Box, and More!

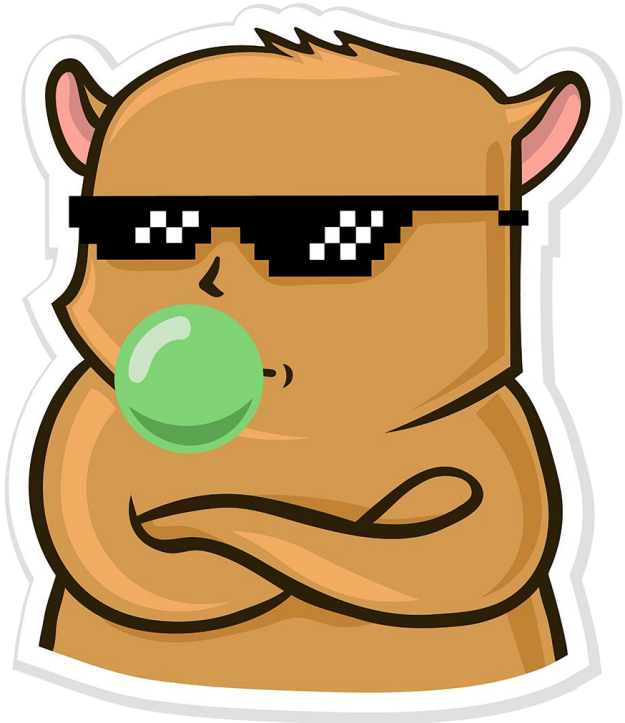
- In a way, servers can be represented as hardware boxes with modules of server-side code contained inside.
- Servers typically contain code for tasks such as listening, parsing URLs, route handling, and more.



Express

Remind Me Again

What is **Express**?

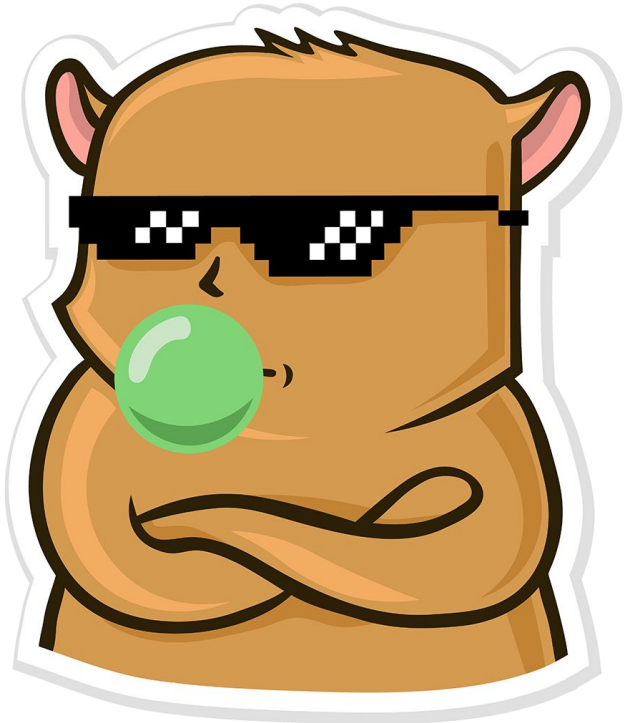


Express.JS

Express is a web framework for Node that makes creating server-side code much simpler.

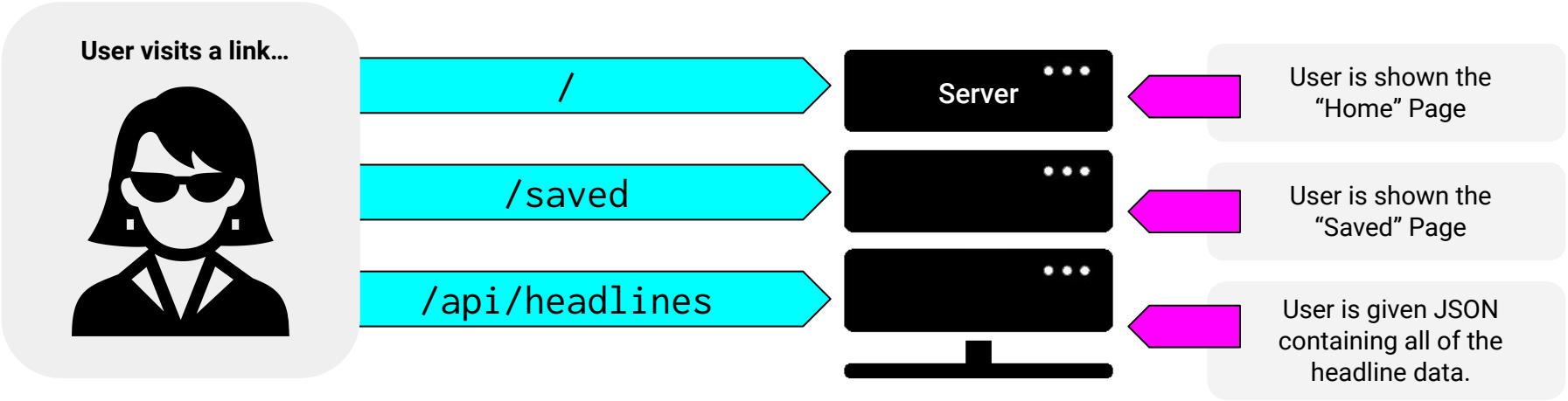
Remind Me Again

What is a **route**?



Routes = Maps

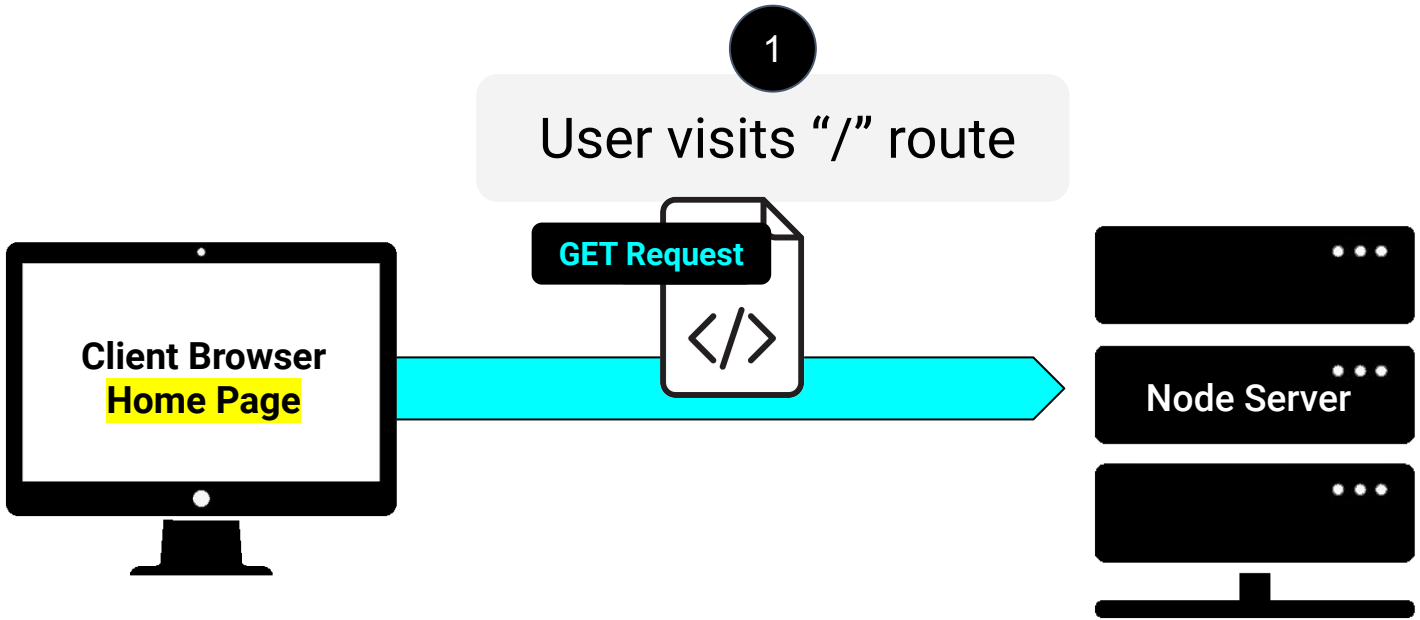
Routes = Maps


User visits a link...
/
/saved
/api/headlines
Server
User is shown the "Home" Page
User is shown the "Saved" Page
User is given JSON containing all of the headline data.

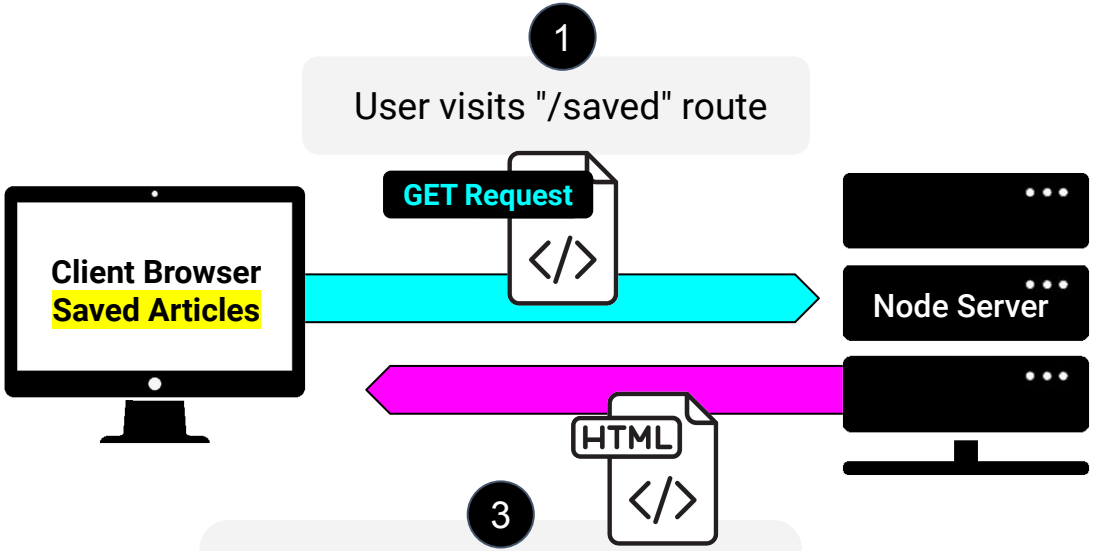
Quick Example

nyt-mongo-scraper.herokuapp.com

Client-Server Communication (GET)



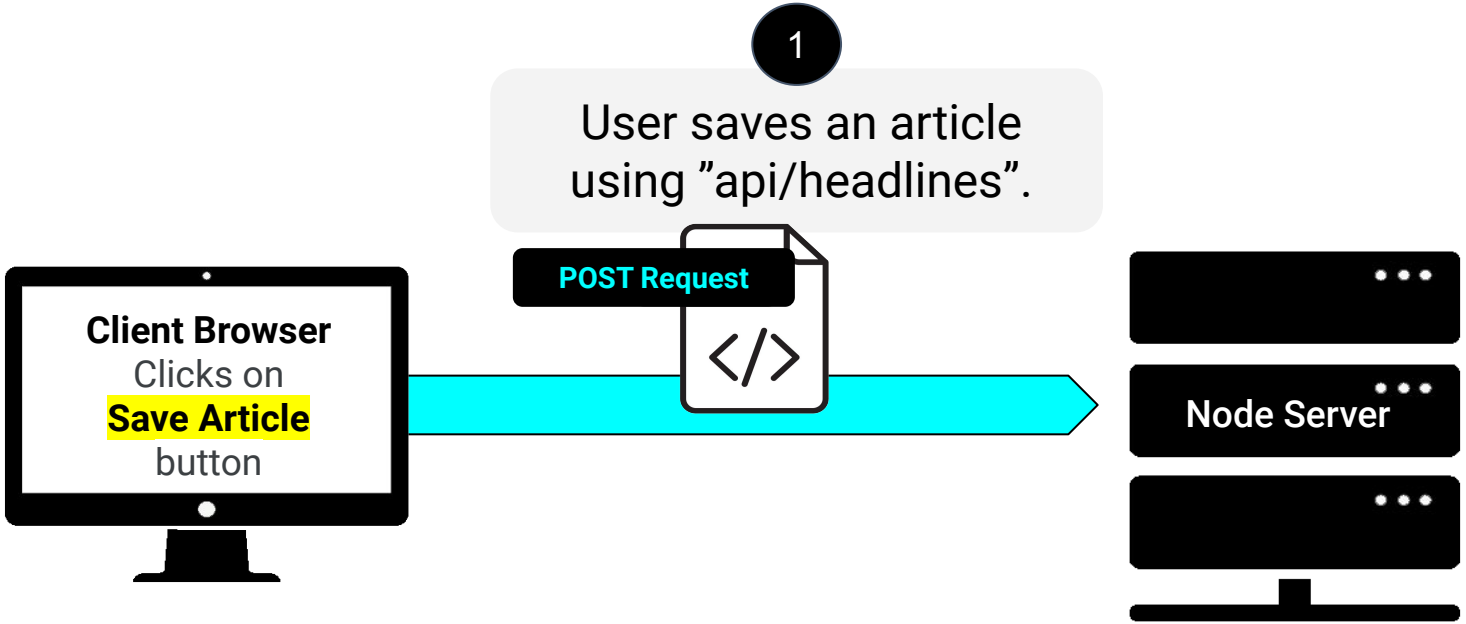
Client-Server Communication (GET)



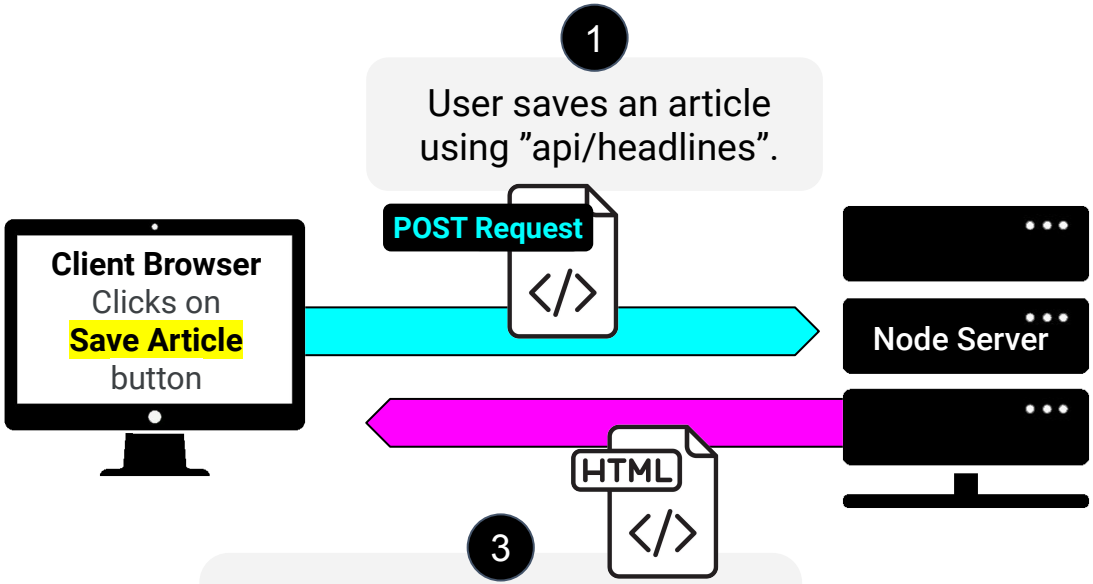
2

Request triggers the code in the server route. The server then finds the relevant HTML content and data.

Client-Server Communication (POST)



Client-Server Communication (POST)



2

Request triggers the code in the server route. The server then sets the article as “saved” in the database.

<Time to Code>