



Mastering Routing and GET Requests: Building a Server Without Express



Introduction to Routing

Routing is a fundamental concept in web development that allows you to direct incoming requests to specific handlers. In this presentation, we will explore how to build a server without using **Express**, focusing on the implementation of **GET requests** and managing routes effectively.

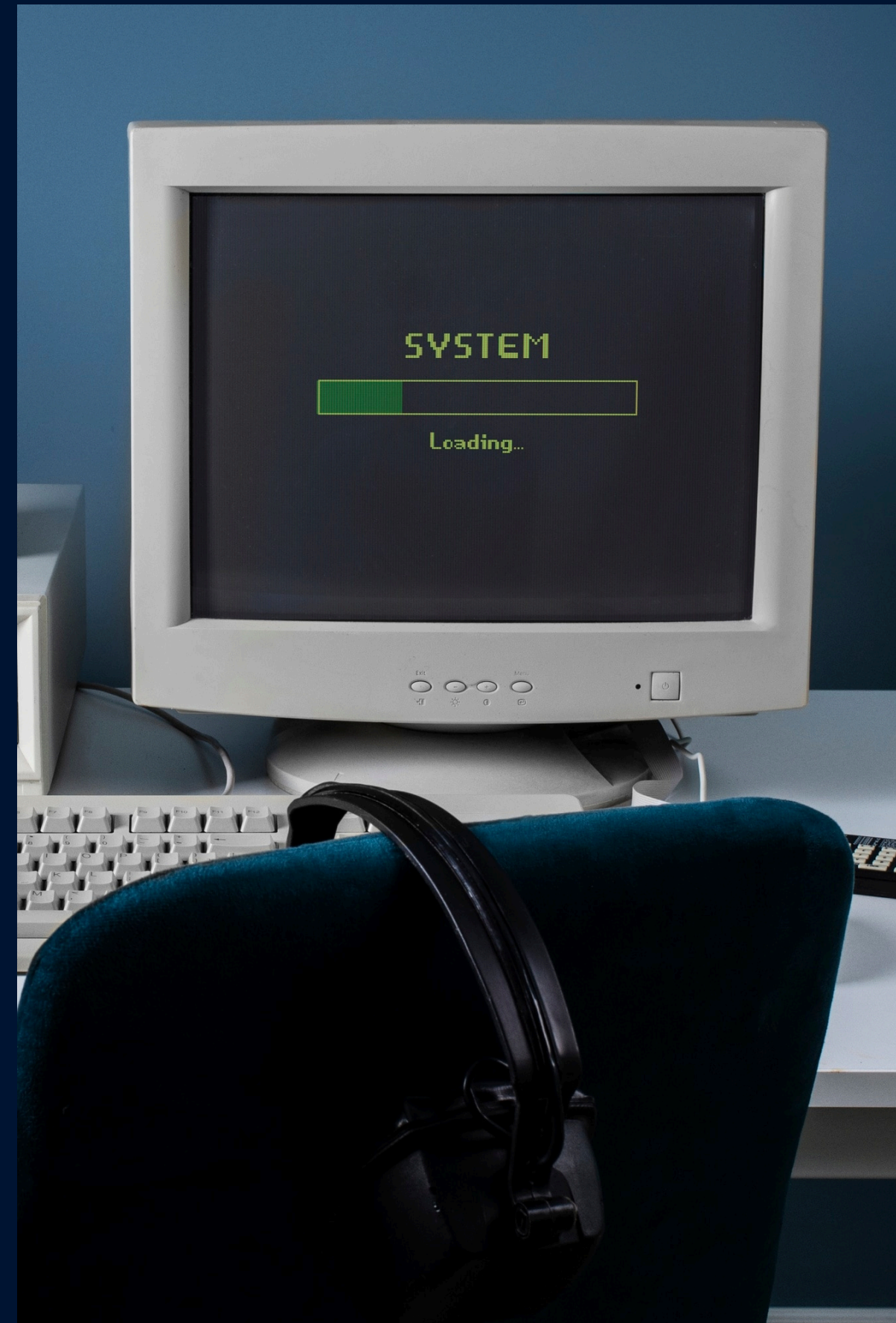
Understanding HTTP Methods

HTTP defines several methods for communication, with **GET** being one of the most common. **GET requests** are used to retrieve data from a server. Understanding how to handle these requests is crucial for building efficient web applications without relying on frameworks like **Express**.



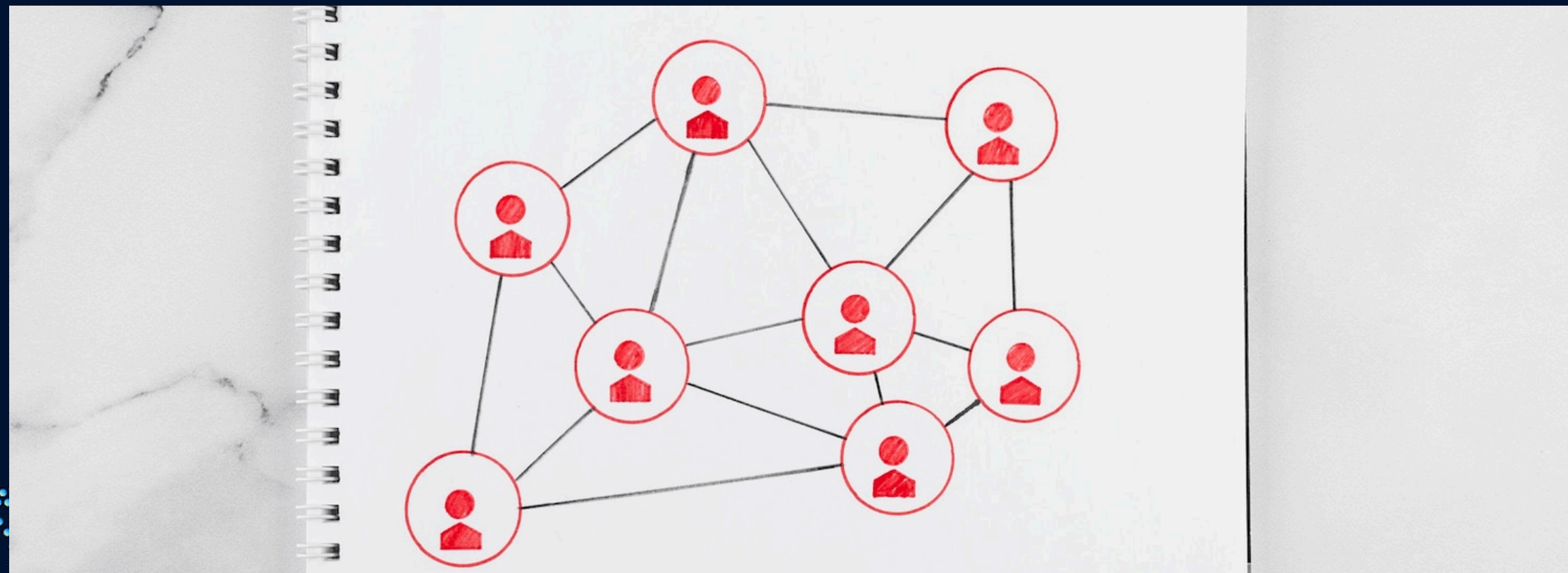
Creating a Simple Server

To build a server without **Express**, we can use the built-in **http** module in Node.js. This allows us to create a basic server that listens for incoming requests and routes them based on the URL. This is the first step towards mastering **routing**.



Handling GET Requests

To handle **GET requests**, we need to set up route handlers that respond to specific paths. This involves checking the **request URL** and sending back the appropriate response. Properly managing these routes ensures that our server behaves as expected.





Advanced Routing Techniques

Once you grasp the basics, you can implement **advanced routing techniques**. This includes using **query parameters** and dynamic routes to make your server more flexible. These techniques allow for a more interactive experience for users without the overhead of a framework.

Conclusion and Next Steps

In conclusion, mastering routing and **GET requests** is essential for building robust servers without **Express**. By understanding the underlying principles, you can create more efficient applications. Consider exploring more advanced topics like **middleware** and error handling for further growth.



Thanks!

