6   Dessert Menu

Server-side APIs allow developers to access data that companies and organizations provide through URLs, or endpoints. Developers can create applications that make requests to these endpoints, which respond with the requested data. Developers can then use this data in their own applications.

As you become familiar with this process, you'll open yourself up to a range of possibilities in the web development world.

Looking to learn more about server-side APIs? Explore the following additional resources.

Server-Side APIs

- Ramsey Darling provides an **introduction to server-side APIs (https://www.codenewbie.org/blogs/an-intro-to-apis)** .

- Xavier Adam explains server-side APIs with simple and straightforward illustrations: **An Illustrated Introduction to APIs (https://medium.com/epfl-extension-school/an-illustrated-introduction-to-apis-10f8000313b9)** .

- Looking for server-side APIs to use in your projects? Peruse this evergreen **list of free public APIs** **(https://github.com/public-apis/public-apis)** .

The Client-Server Model

- Still unclear on how the client-server model works? Check out this **simple video summary from Fast Tech Skills: Client and Server Model** **(https://youtu.be/SwLdKeC8scE)** .

- Looking for a more in-depth explanation of the client-server model? This **summary of the client-server model from Geeks for Geeks (https://www.geeksforgeeks.org/client-server-model/)** provides more details.

Asynchronous JavaScript

- Swapnil Bangare discusses the Fetch API as a replacement for `XMLHttpRequest`: **The Fetch API: A Modern Replacement for XMLHttpRequest** **(https://medium.com/beginners-guide-to-mobile-web-development/the-fetch-api-2c962591f5c)** .

- Chris Ferdinandi argues for using `XMLHttpRequest` over the Fetch API: **Why I still use XHR instead of the Fetch API (https://gomakethings.com/why-i-still-use-xhr-instead-of-the-fetch-api/)** .

- Jonathan Haines outlines the history of `XMLHttpRequest`: **The XHR History Lesson You Never Wanted** **(https://hackernoon.com/the-xhr-history-lesson-you-never-wanted-2c892678f78d)** .

HTTP Response Codes

- Explore these helpful lists of HTTP response codes: **Know your HTTP Status—A cheat sheet for HTTP Status Codes (https://codeburst.io/know-your-http-status-a-cheat-sheet-for-http-status-codes-5fb43863e589)** and **HTTP Status Cheatsheet (https://devhints.io/http-status)**.

- Zeynep Tufekci ponders the future of the internet through the lens of an unused HTTP response code: **Shouldn't We All Have Seamless Micropayments By Now? (https://www.wired.com/story/shouldnt-we-all-have-seamless-micropayments-by-now/)**

JSON

- Searching for more information on JSON? Dive into this **JSON Crash Course (https://youtu.be/wI1CWzNtE-M)** from Traversy Media.

- Want to play around with JSON data? Explore this **list of free JSON datasets (https://github.com/jdorfman/awesome-json-datasets)** that don't require authentication.

- Need to generate some random JSON data for your project? Try this **free JSON Generator (https://next.json-generator.com/)**.