

Module 8: Browser API. Web storage and AJAX calls

In this Module:

How can we store and get data in the browser

- Introduction to WEB API in general
- Web Storages
- Fetch API
- JSON, working with data

Introduction to Web APIs

“First up, we’ll start by looking at APIs from a high level — what are they, how do they work, how to use them in your code, and how are they structured? We’ll also take a look at what the different main classes of APIs are, and what kind of uses they have.”

https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Introduction

Web Storage API

*“The **Web Storage API** provides mechanisms by which browsers can store key/value pairs, in a much more intuitive fashion than using cookies.”*

https://developer.mozilla.org/en-US/docs/Web/API/Web_Storage_API

cookies vs localStorage vs sessionStorage

“What’s the difference between cookies, local storage, and session storage? They are all ways to store data in a user’s browser but they each have different uses.”

<https://www.youtube.com/watch?v=AwicscsvGLg>

Fetch API

“The Fetch API provides an interface for fetching resources (including across the network). It will seem familiar to anyone who has used [XMLHttpRequest](#), but the new API provides a more powerful and flexible feature set.”

https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API

fetch() - Working With Data & APIs in JavaScript

“This video is client-side only and covers the web fetch() API, loading image data and focusing on handling asynchronous events with Promises (async / await),”

<https://www.youtube.com/watch?v=tc8DU14qX6I>

JSON - Working with Data and APIs in JavaScript

"This next project will show you how to work with JSON data from an API including how to load JSON data with fetch() and update DOM element. "

<https://www.youtube.com/watch?v=uxf0--uiX0I>

EXTRA: Web APIs You [Probably] Didn't Know Existed

"Just a few (not very) useful API's available for JS developer"

<https://www.youtube.com/watch?v=EZpdEljk5dY>