Document Object Model (DOM)

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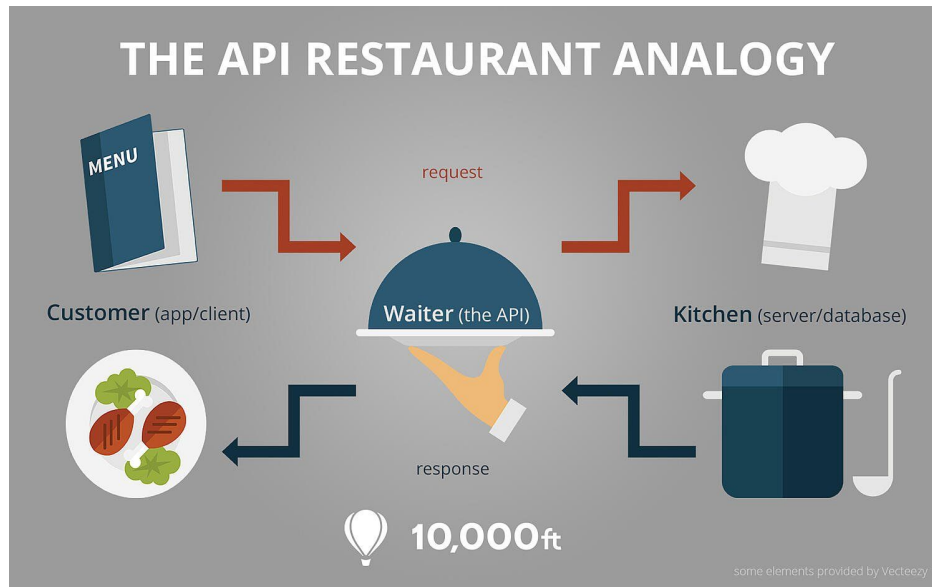Website: webdvt.org
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What is an API?

- Application Programming Interfaces (API)
- Allows developers to abstract away complex code and provide easy to use interface.
- It lets you access data from third party.

THE API RESTAURANT ANALOGY

MENU

request

Customer (app/client)   Waiter (the API)   Kitchen (server/database)

response

10,000ft

some elements provided by Vecteezy
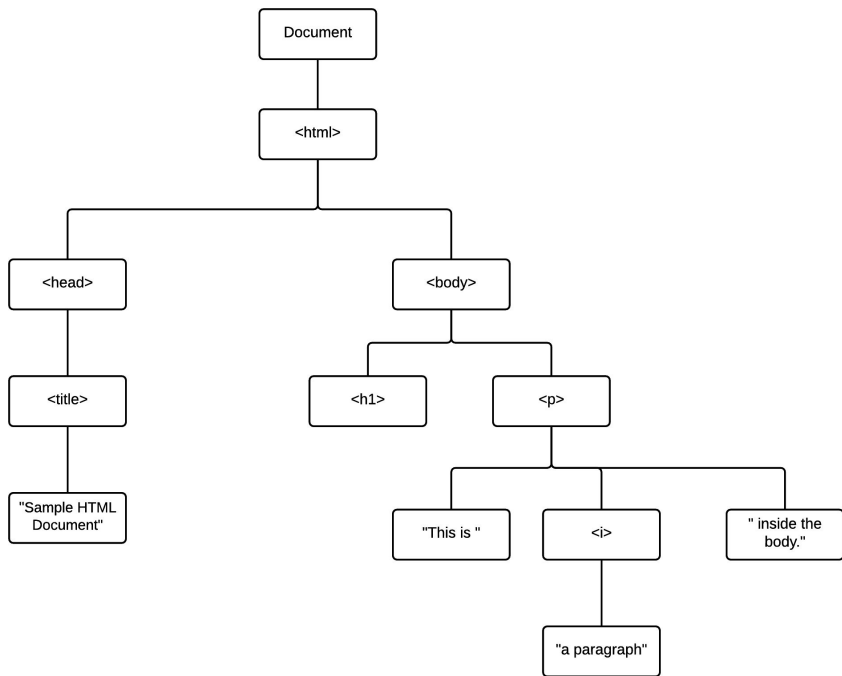
Let's watch a short video!

Fetch API

- An interface that allows you to make HTTP requests to servers from web browsers.
- Uses GET method by default
- Basic syntax (using async/await):

```
async function fetchText() {
    let response = await fetch('/readme.txt');
    let data = await response.text();
    console.log(data);
}
```

```
fetch(url) // Call the fetch function passing the url of the API as a parameter
.then(function() {
    // Your code for handling the data you get from the API
})
.catch(function() {
    // This is where you run code if the server returns any errors
});
```

Document Object Model (DOM)

- **Tree of nodes**/elements created by the browser
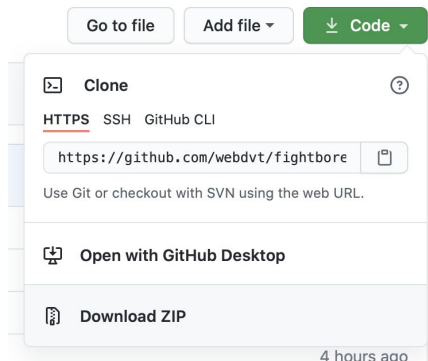- You can use JavaScript to **manipulate** the DOM

To get started..

1) Visit this Github repos

https://github.com/webdvt/fightbore
dom

2) Download the repos as a ZIP file

3) Unzip the folder and open it on WebStorm (or any
text editor)

References

https://retirementincomejournal.com/article/apis-and-the-future-of-annuities/api-restaurant-analogy-example1/

https://www.techcareerbooster.com/chapter_preview/introduction-to-dom

https://www.youtube.com/watch?v=OVvTv9Hy91Q