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Research Week 11

6/16/2023

Prompt:

1. What does the fetch() method do? How can it be used instead of an AJAX call?

The fetch() method is a Javascript function that is built in that allows you to make requests and retrieve data from a server. This certain type of requests can be any API using one parameter, the URL. The fetch method returns a promise. The fetch() method is simpler and more flexible in regards to syntax that the AJAX call.

2. In JQuery, what does it mean to "traverse the DOM"?

In JQuery, "traverse the DOM" is referring to the process of navigating through the HTML page. This allows you to select and manipulate the elements within the HTML. JQuery provides multiple methods such as parent(), parents(), closest(), children(), find(), or next() functions to make it easier to select the elements in the DOM. This makes transversing the DOM through jQuery efficient to target and manipulate the elements.

3. What is JSON? How is JSON used in JavaScript? What other ways is JSON used in web Development?

JSON is short for JavaScript Object Notation. JSON is a lightweight data interchange format. JSON is used in JavaScript for storing and transmitting data between a server and the web page. There are a few methods that can be used such as JSON.parse() and JSON.stringify(). One other way that JSON is used in web development is by exchanging data between different systems. An example of this is a client-server communication through API's.

URLs:

[How To Use the JavaScript Fetch API to Get Data | DigitalOcean](#)

[jQuery DOM Traversal \(quackit.com\)](#)

[JSON Vs. JavaScript: What is the Difference? \(koombea.com\)](#)