

Rachel VanHorn

Week 11 Research

Prompts

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

- The fetch() method is a built in JavaScript function that lets you make a request from a server for things like data, images or content. The method returns a Promise and you can use .then() and .catch() methods to specify what to do with the object once it is either completed or if you get an error.

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

- Traversing the DOM means that once you have selected an element using jQuery, you can move through the DOM based on the relationship of your selected elements to those around it; i.e. an elements parent or child nodes or siblings if it shares a parent with another element.

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

- JSON stands for JavaScript Object Notation, it's a way of showing and sending data in a text form. It's used to share data between computers. Since it is syntactically similar to the code we use to create JS objects, JS can convert the data we get from a JSON into JS objects. You can use .parse() to convert from strings into objects and .stringify() to convert an object to a JSON string. It can also be used to store temporary data.

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

<https://www.geeksforgeeks.org/javascript-fetch-method/>

https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API/Using_Fetch#differences_from_jquery.ajax

https://www.w3schools.com/jquery/jquery_traversing.asp

<https://www.freecodecamp.org/news/what-is-json-a-json-file-example/>

https://www.w3schools.com/js/js_json_intro.asp

<https://www.oracle.com/database/what-is-json/#:~:text=JSON%20is%20perfect%20for%20storing,a%20high%20level%20of%20interoperability.>