DWA_12 Knowledge Check

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1. What are the benefits of direct DOM mutations over replacing HTML?

Direct DOM mutations are more efficient because they only target specific elements and don't have to recreate the entire HTML. This is helpful because it results in faster rendering of elements and updates.

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2. What low-level noise do JavaScript frameworks abstract away?

JavaScript frameworks help to simplify the development process by handling tasks like DOM updates and managing state. They automatically know which parts of the DOM need to be changed, which saves developers time and effort.

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3. What essence do JavaScript frameworks elevate?

JavasScript frameworks elevate the essence of declarative programming, which is where you focus on expressing the logic and desired outcomes, leaving the implementation details to the framework. So developers can describe the desired state of the UI without providing step-by-step instructions on how to achieve it.

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4. Very broadly speaking, how do most JS frameworks achieve abstraction?

Most JavaScript frameworks achieve abstraction by hiding away DOM mutations and providing reusable components that enable developers to take a more declarative approach to building user interfaces.

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5. What is the most important part of learning a JS framework?

One of the most important things about learning a JS framework is really getting to know how it works on the inside. This knowledge is key for solving problems efficiently and making smart choices while developing. Plus, having a good grasp on how the DOM functions can really boost your skills when working with JavaScript frameworks.