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Web Design

Project

Node.js

JavaScript is a useful front-end scripting language that can potentially be used for some complex logic. However, it can have some limitations when it comes to server-side operations and that is where Node.js, a JavaScript runtime environment comes in. Node.js is a open source JavaScript based scripting language which has a decently large programming community. This way any issues or conflicts that one may come across might have been solved by another user.Node.js is used for server-side scripting in scenarios where you need to perform actions in a server and not in the local browser. Situations like retrieving information or data from a database or using other JavaScript frameworks is where Node.js would be useful. Since Node.js is a runtime environment it can be ran on the server side, while frameworks like React would most likely be used on the local web browser side. There are some disadvantages in using Node.js, one disadvantage would be since Node.js uses a single-threaded logic process using it for heavy computational databases would not be advised. You would be better off using a technology like MySQL for heavy database usage. Overall, Node.js is a solid server side scripting language and when used in conjunction with other technologies, it can be a real powerhouse.