



WEB DEVELOPER BOOTCAMP



WHAT IS NODE?

"A JAVASCRIPT RUNTIME"

Until recently, we could only run JavaScript code in a web browser. Node is a JavaScript runtime that executes code **outside of the browser**.

We can use the same JavaScript syntax we know and love to write **server-side code**, instead of relying on other languages like Python or Ruby.



WHAT DO PEOPLE BUILD WITH IT?

- Web Servers
- Command Line Tools
- Native Apps (VSCode is a Node app!)
- Video Games
- Drone Software
- A Whole Lot More!

NODE JS VS CLIENT-SIDE JS

NOT INCLUDED IN NODE

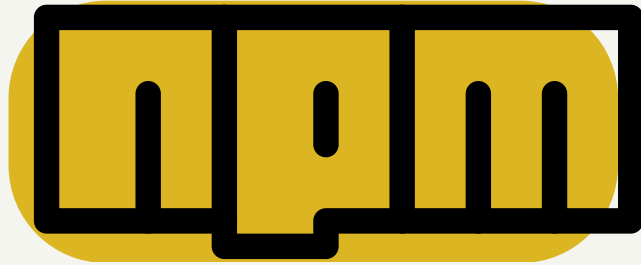


Because Node does not run in a browser, we don't have access to all the browser "stuff". The window, document, and DOM API's are not a thing in Node!

NEW STUFF IN NODE!



Node comes with a bunch of built-in modules that don't exist in the browser. These modules help us do things like interact with the operating system and files/folders.



NPM

NODE PACKAGE MANAGER

NPM is really two things:

1. A library of thousands of packages published by other developers that we can use for free!
2. A command line tool to easily install and manage those packages in our Node projects