

Node.js

1. What does this technology (library/framework/service) accomplish for you?

We used Node as a server-side JavaScript environment. It is convenient to construct a quickly responsive and easily expanding web app. We used Node.js as our main backend programming language.

2. How does this technology accomplish what it does?

Node.js uses V8 execution code developed by Google and uses event-driven, non-blocking, and asynchronous input-output models to improve performance and optimize application throughput and scale. These technologies are commonly used in data-intensive real-time applications.

Most of the basic modules of Node.js are written in JavaScript. Before the advent of Node.js, JavaScript was usually used as a client-side programming language, and programs written in JavaScript were often executed on users' browsers. The advent of Node.js enables JavaScript to also be used for server-side programming. Node.js contains a series of built-in modules, allowing the program to run as an independent server without Apache HTTP Server or IIS

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