

Node.js

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

Node.js is designed as a runtime environment, our project is able to create persistent connection between client and server and achieve real time elements updates on multiple frontend pages. In backend, we use node.js as a web server which create an HTTP server that keep listening to "localhost 8000"

Documentation for it :

<https://github.com/nodejs/node>

How does this technology accomplish what it does?

It uses non-blocking, event-driven I/O which provides effective execution time

Comparing to tradition server script, node.js is asynchronous which handles multiple requests within a single process. Simplify speaking, it works like putting multiple requests into a queue, and execute the ready request on the top of queue. Using the exist "http" module, due to its non-blocking I/O request design, the server is able to handle multiple requests from two clients simultaneously.

License:

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