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Node Downsides

Node isn't always the best design choice. Like most things in life, Node.js has some downsides. Node might not be a good fit because of the following reasons:

- Memory leaks in long running processes with Node are worse than in short running browser environments such as browser JavaScript
- The event loop makes asynchronous error handling more difficult than synchronous error handling
- No benefit for CPU-bound tasks
- Need to think about scalability early on to develop stateless scalable distributed systems
- No built-in typing (but possible with TypeScript)

Note: The Event loop is the core of Node.js and it's a genius idea. However, don't use Node.js for blocking, CPU-intensive tasks. Node.js will not give you a performance boost for stuff like that. Node.js is best suited for I/O stuff (like web servers).

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