

Forum:[Hack Forums](#)

Thread: [Can we write middle-ware/modules for other technologies?](#)

severos - August 18, 2017, 11:41 pm

I was wondering, is it possible to write some middle-ware/modules using Node.JS and then use them with other technologies?

As a useless example (just for demo idea), writing a Node.JS module that handles CORS headers, all it does is add the headers for CORS based on a config (regardless of its origin). And then, deploy this module to use with other technologies, for example use it with PHP, ASP.NET, etc.

The idea I could think of is something like registering modules in IIS (in theory), but I have no idea how to do that (for IIS or other hosting environments).

Is it possible to make such a thing? if so, how would I do it??

doon - August 19, 2017, 12:28 am

(Aug 18, 2017 11:41 PM)severos Wrote: [\[CITE\]](#) I was wondering, is it possible to write some middle-ware/modules using Node.JS and then use them with other technologies?

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Sounds more like just you want to use Node as a micro service or API.

severos - August 19, 2017, 12:46 am

(Aug 19, 2017 12:28 AM)Recollect. Wrote: [\[CITE\]](#) Sounds more like just you want to use Node as a micro service or API.

Not really in that meaning, far as I understand a micro service is a stand alone, it does all the work to process a request (receive, generate response, send), while I'm looking to manipulate the request, another example would be using node.js to verify session and authentication of a request before passing it to ASP.NET handler, that way the ASP.NET application wouldn't need to do any auth stuff, just focus on its work.

D3xus - August 19, 2017, 6:26 pm

I can imagine you could do so if you were using it with a REST API, or in some context where the technology involved didn't matter, and all you cared about was an output. Though it's probably easier to implement such a middleware in whatever API you might create, rather than needing a Node module to do so (unless you have a strong reason for doing so.)

For example, you might have a Python application that calls a REST API. But before it does that, you send it to some Node application (as a proxy, relay, cloak, whatever). The Node application can do its thing, and return either the result of the API if the middleware passes, or return an error if the middleware fails.

severos - August 19, 2017, 11:42 pm

I know it's possible to make it as a separate API, but then it won't have access to the original request to modify it.

