Subject: Book idea: U++ Web development
Posted by frederik.dumarey on Sun, 08 Mar 2026 10:35:34 GMT
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Hello,

I have an idea to write a new book about using U++ as a webserver (a native ultrafast one :)). I want to address all the possibilities of existing frameworks like ASP.NET, js.node, PHP, ... but then using U++, and compiled to one executable; bypassing all those heavy frameworks who are most of the time also interpreted.

What would be the scope of the book in terms of web technologies:
- static HTML, CSS, JS
- RestAPI
- WebSockets
- Ajax
- Cookies
- Sessions
- Database connectivity
- Authentication, RBAC
- Security: Rate limiters, CSRF, logging, password hashing, XSS protection, SQL injection, Input validation, ...

In terms of U++ libraries I would like to mention two fully worked out options:
- one using the Skylark library (mono threaded, easy)
- one using the Core libraries for a multithreaded design

In terms of distribution of the webserver:
- single executable execution on a classic OS
- containerized version using dockerfile & compose
- multiple instances of an executable behind a nginx load balancer

If there is enough interest, I would love to start writing :roll:
Since I'm not a fulltime C++ developer, I will need some help in my trajectory using the forum or discord channel 8)

Curious about your reactions,

PS: I really believe in U++ being a great framework to build superfast native web servers, and not that more difficult to use than the "easy" ones like ASPX, node.js, PHP, ...

Have a nice day,
Frederik.

Interested ?(total votes: 2)

Yes for sure! 2/(100%)
Yes, why not ? 0/(0%)

No, not interested 0/(0%)
No, why should you do that ? 0/(0%)