Blazor Webassembly - Perfect for SPA and much more

- WebAssembly is a client-side technology that enables near-native performance without plug-ins in all modern browsers, including mobile.  
- Blazor is a client-side library that uses .NET on WebAssembly to support Single Page Applications written in C# using Razor templates.  
- .NET 6 is coming and, with it, some notable Blazor improvements.

Web assembly

<https://webassembly.org/docs/faq/>

<https://dzone.com/articles/webassembly-vs-javascript-is-wasm-faster-than-js-w>

<https://blog.sessionstack.com/how-javascript-works-a-comparison-with-webassembly-why-in-certain-cases-its-better-to-use-it-d80945172d79>

[**https://www.optasy.com/blog/webassembly-vs-javascript-wasm-faster-js-when-does-javascript-perform-better**](https://www.optasy.com/blog/webassembly-vs-javascript-wasm-faster-js-when-does-javascript-perform-better)

<https://mbebenita.github.io/WasmExplorer/>

Blazor

[**https://docs.microsoft.com/en-us/aspnet/core/blazor/hosting-models?view=aspnetcore-5.0**](https://docs.microsoft.com/en-us/aspnet/core/blazor/hosting-models?view=aspnetcore-5.0)

<https://slideplayer.com/slide/17000337/>

<https://www.slideshare.net/MarkoLohert/blazor-build-client-web-apps-using-c-2019>

<https://www.youtube.com/watch?v=BvqlC6tP3Qc>

<https://quangnguyennd.medium0.com/an-introduction-to-blazor-7f2810825481>

Todo list

<https://docs.microsoft.com/en-us/learn/modules/build-blazor-webassembly-visual-studio-code/4-blazor-components>

Web Assembly vs Server

<https://stackoverflow.com/questions/66468315/blazor-server-vs-blazor-web-assembly>

<https://www.roundthecode.com/dotnet/blazor/blazor-server-vs-blazor-webassembly-four-ways-in-which-they-differ>

<https://www.programmingwithwolfgang.com/blazor-server-vs-blazor-webassembly/>

<https://www.infragistics.com/community/blogs/b/jason_beres/posts/blazor-server-vs-blazor-webassembly>

<https://medium.com/codex/blazor-server-vs-blazor-web-assembly-866a44bfebc>

Q&A

<https://stackoverflow.com/questions/63701813/why-i-dont-see-dlls-and-dotnet-wasm-being-loaded-on-a-blazor-webassembly-app-in>

\*Note

- Razor component file names require a capitalized first letter. Open the Pages folder and confirm that the Todo component file name starts with a capital letter T. The file name should be Todo.razor.

1.What is wasm

2.What is blazor

3.Blazor webasm vs Blazor server

4.Which ones to use

5.Quick Demo