



SCHICK
SOFTWARE ENTWICKLUNG

Blazor

3.1.0-preview3.19555.2

Get Started

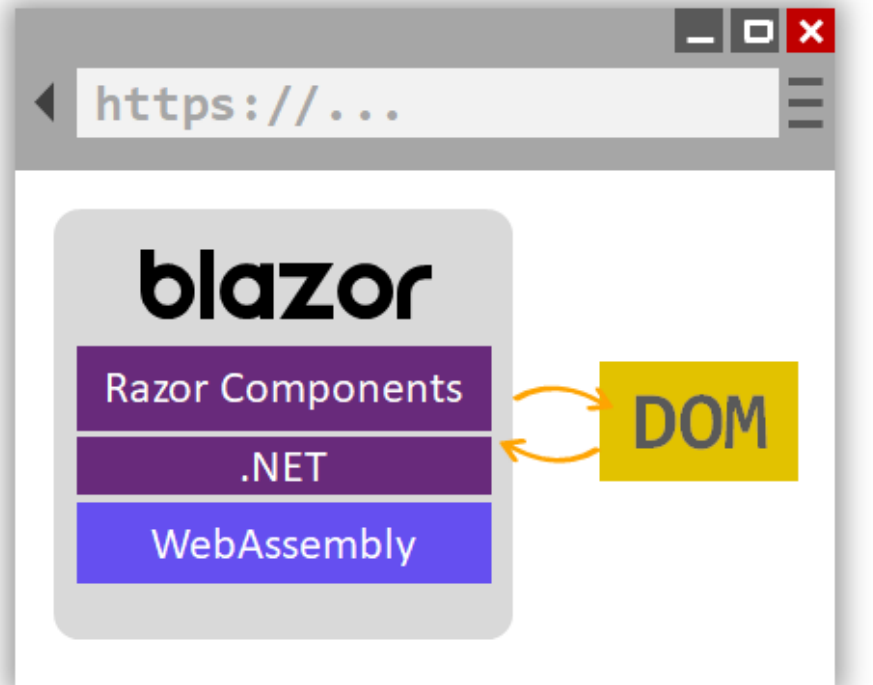


- Install Visual Studio 16.5.0 Preview 1 or later
 - <https://visualstudio.microsoft.com/vs/preview/>
- Install the Blazor WebAssembly template
 - `dotnet new -i Microsoft.AspNetCore.Blazor.Templates::3.1.0-preview3.19555.2`
- Create a new project ▸ Blazor App
 - Blazor WebAssembly App (ASP.NET Core hosted)
 - = WebAssembly App including appropriate hosting
 - Blazor WebAssembly App
 - = Naked WebAssembly App, useless without appropriate hosting
 - Blazor Server App
 - = Classic MVC app with Blazor enabled, Server-Side rendering

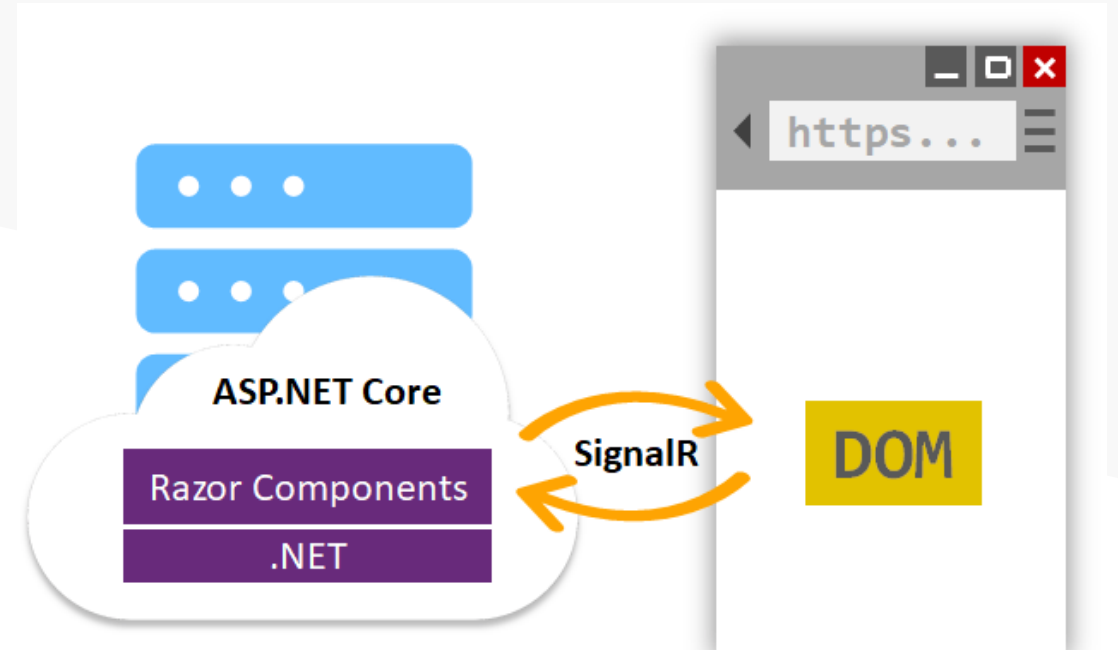
Details: <https://docs.microsoft.com/en-us/aspnet/core/blazor/get-started>

WebAssembly vs. Server

Blazor WebAssembly



Blazor Server



Details: <https://docs.microsoft.com/en-us/aspnet/core/blazor/hosting-models>

Supported Platforms

Blazor WebAssembly

Browser	
Microsoft Edge	✓
Mozilla Firefox	✓
Google Chrome & Android	✓
Safari & iOS	✓
Microsoft Internet Explorer	✗

Blazor Server

Browser	
Microsoft Edge	✓
Mozilla Firefox	✓
Google Chrome & Android	✓
Safari & iOS	✓
Microsoft Internet Explorer	11 †?

† Additional polyfills are required (for example, promises can be added via a [Polyfill.io](https://polyfill.io) bundle).

‣ I didn't make it work

Details: <https://docs.microsoft.com/en-us/aspnet/core/blazor/supported-platforms>

Project File Structure

- The app's entry point
 - *Program.cs / Startup.cs*
- The root page of the app
 - *wwwroot/index.html / Pages/_Host.cshtml*
- The root component of the app
 - *App.razor*
- Pages, Components
 - Placed under Pages, Components
- Special files
 - *MainLayout.razor*
 - *_Imports.razor*

Details: <https://docs.microsoft.com/en-us/aspnet/core/blazor/templates>

Main Differences Between Templates

- Blazor WebAssembly App (ASP.NET Core hosted)
 - Assets published to “<ProjectName>/dist”
 - *FetchData.razor* uses `HttpClient` to load data
- Blazor Server App
 - Assets published to “wwwroot”
 - *FetchData.razor* uses `ForecastService` directly to load data

Live Coding



I've prepared something for you...
See branches [talk/01*](#) - [talk/0n*](#) for details

Sources + Demo



<https://laterlist.de>