

A03 - Creare applicazioni ibride con Blazor e .NET 6



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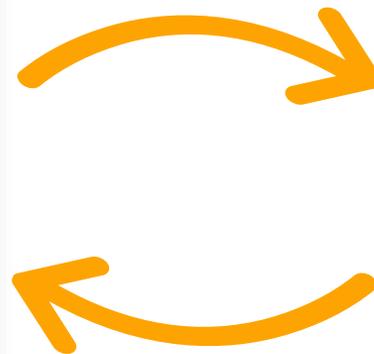
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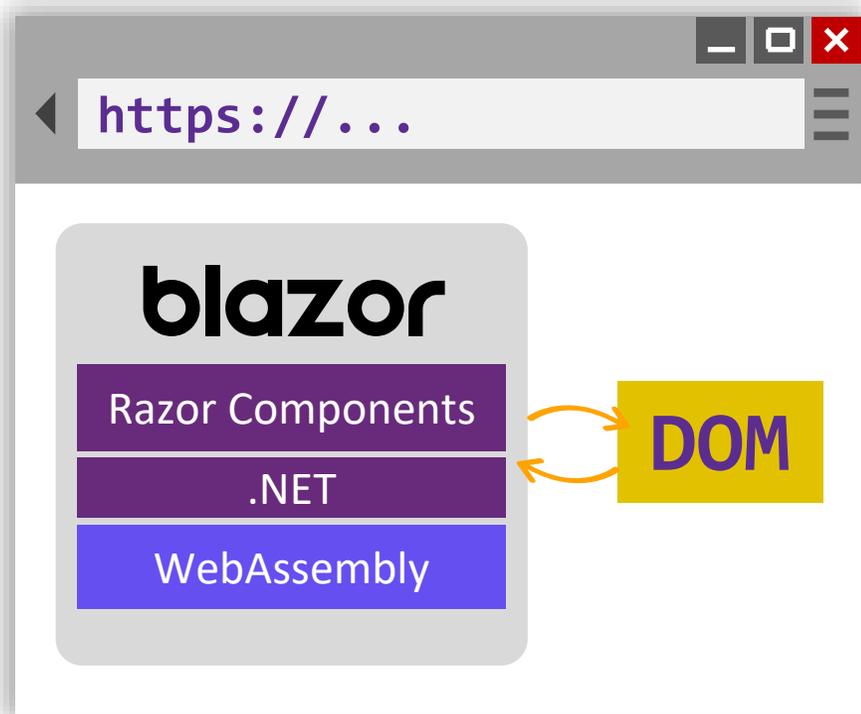


Che cos'è Blazor

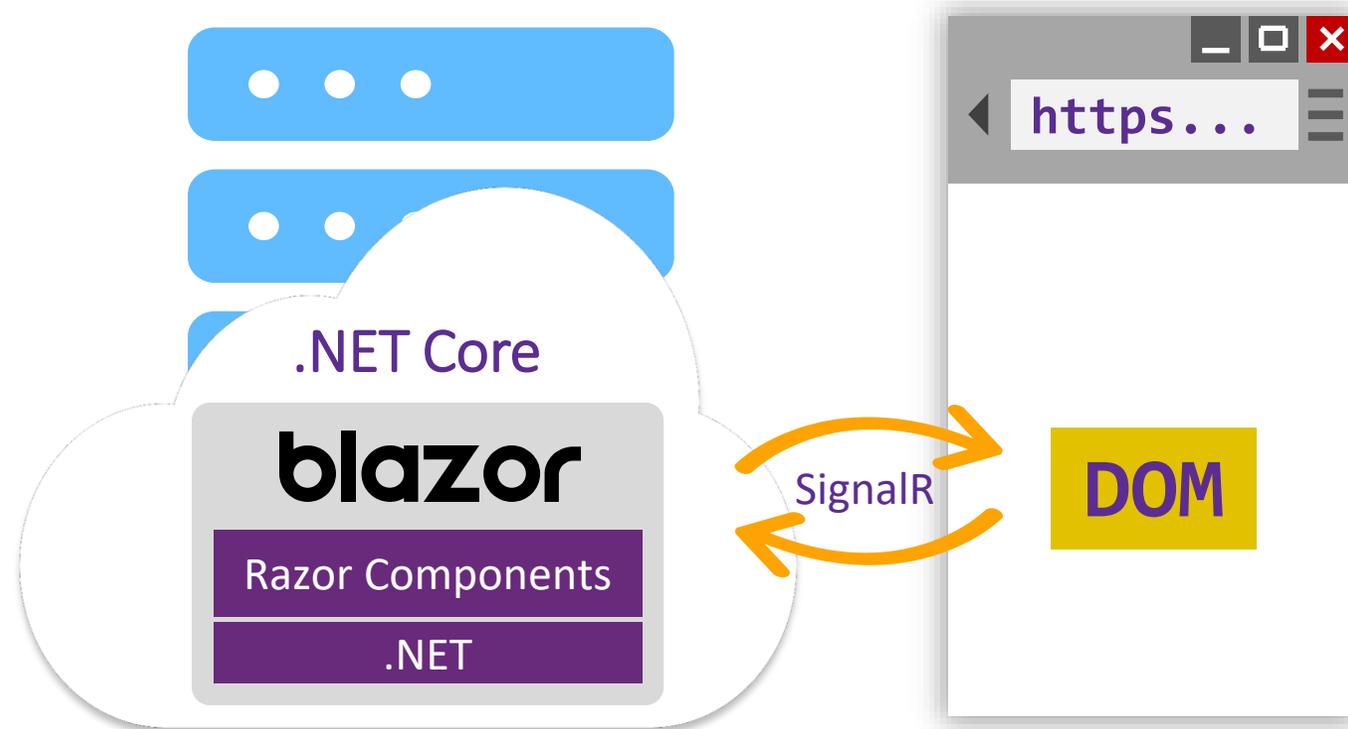


Che cos'è Blazor

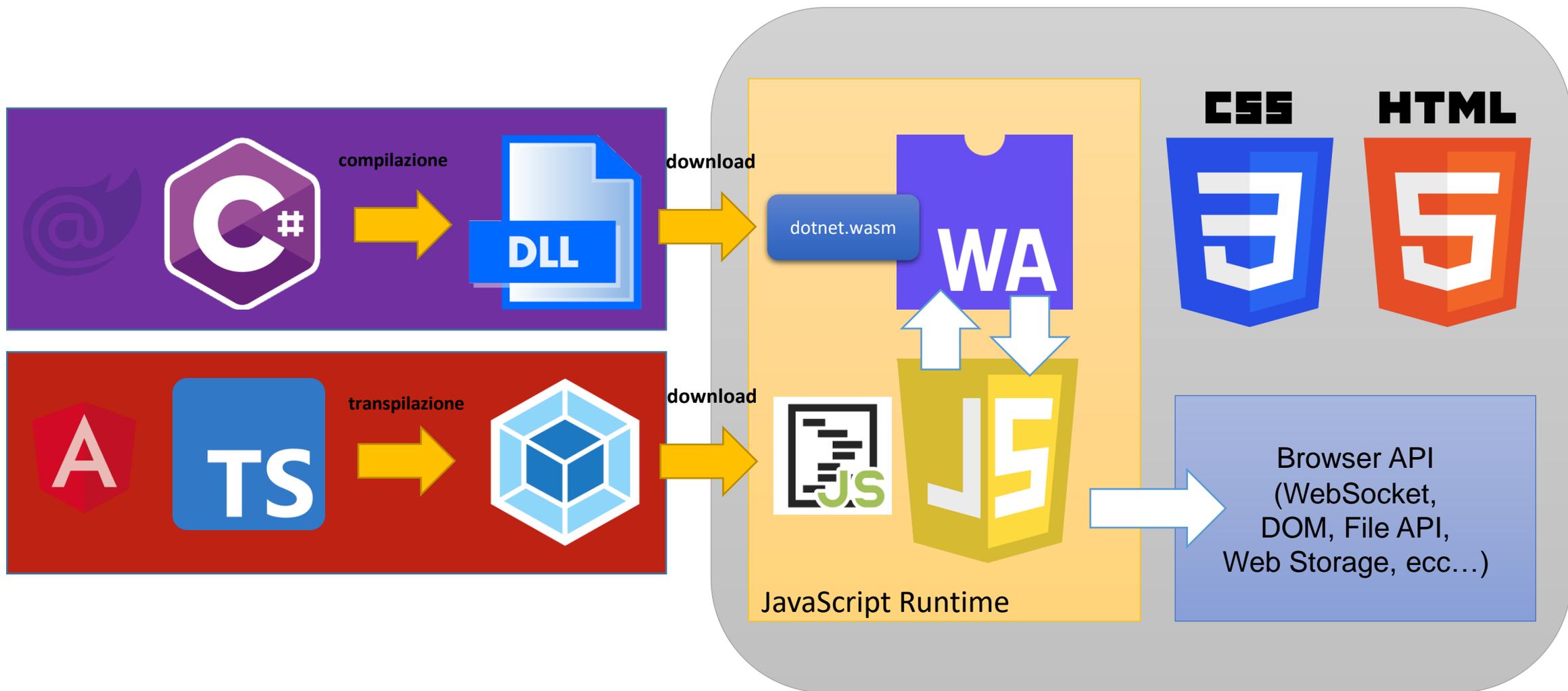
Blazor WebAssembly



Blazor Server



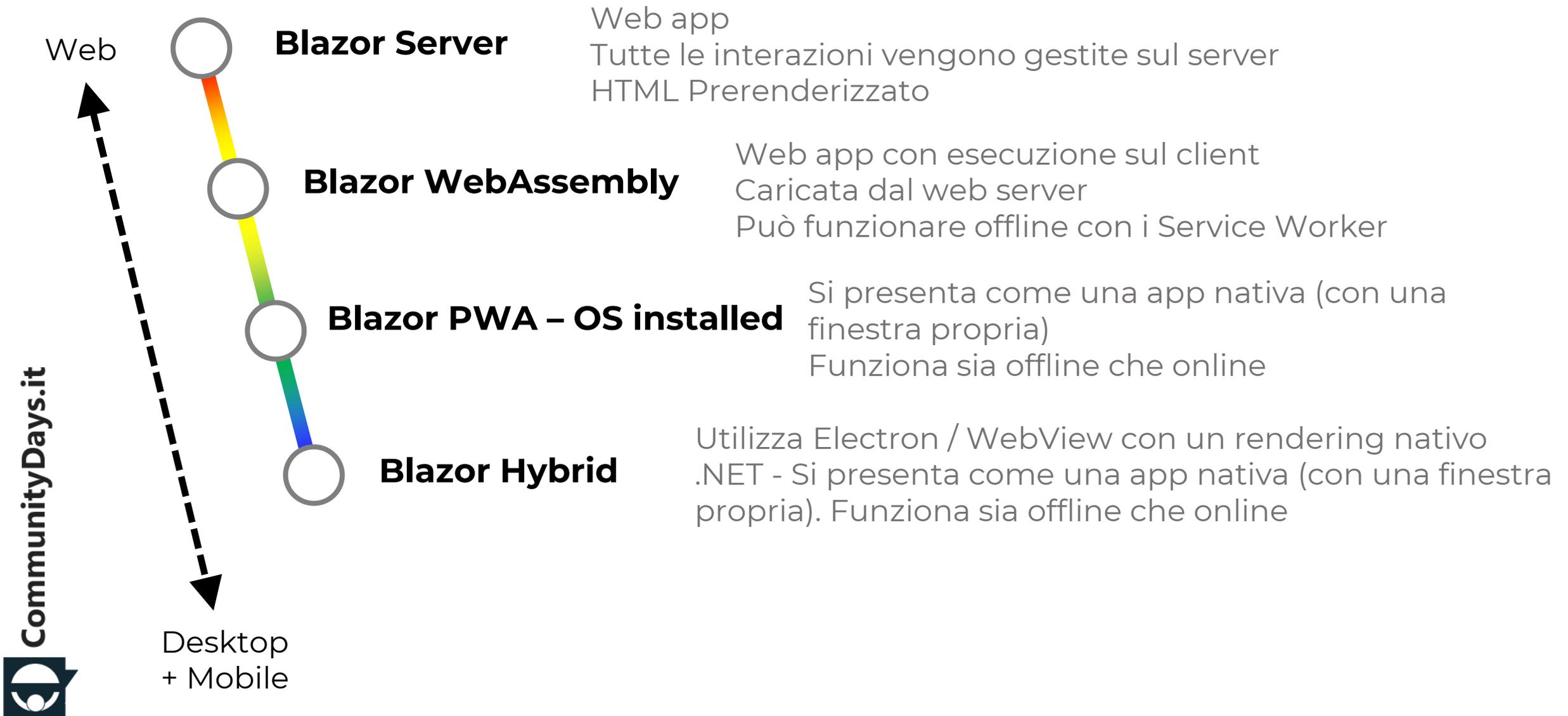
Che cos'è Blazor



Che cos'è Blazor



La roadmap di Blazor



Che cos'è Electron



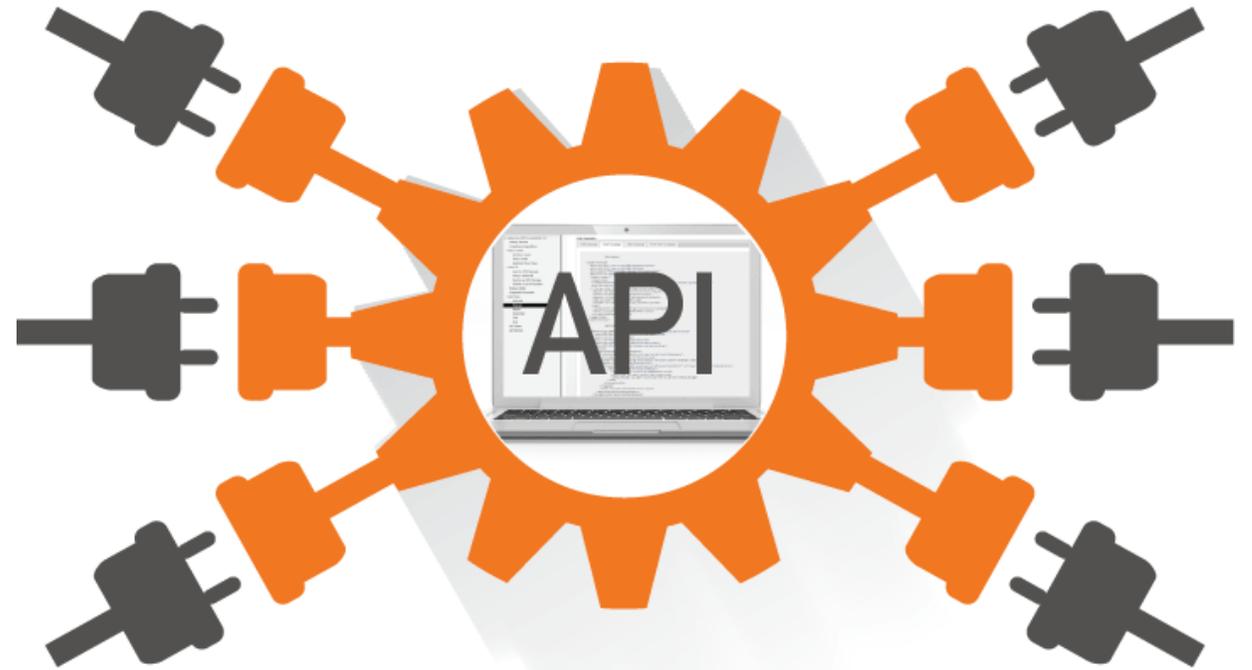
Che cos'è Electron

.app



Che cos'è Electron

- Accesso al File System
- Notifiche
- Creazione di finestre
- Connettività di rete
- Informazioni sulla batteria
- Menu nativi
- ... tanto altro ...





Electron.NET · GitHub

github.com/ElectronNET/

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Electron.NET

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Electron.NET
Build cross platform desktop apps with ASP.NET Core (Razor Pages, MVC, Blazor).
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To start the application make sure you have installed the "ElectronNET.CLI" packages as global tool:

```
dotnet tool install ElectronNET.CLI -g
```

At the first time, you need an Electron.NET project initialization. Type the following command in your ASP.NET Core folder:

```
electronize init
```

- Now a electronnet.manifest.json should appear in your ASP.NET Core project
- Now run the following:

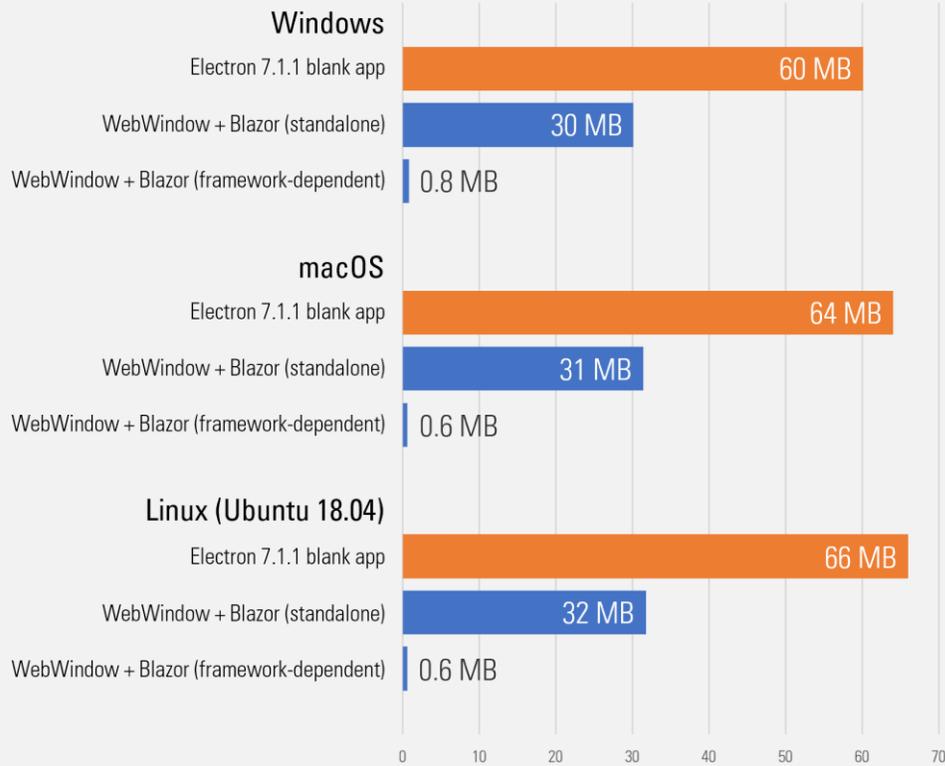
```
electronize start
```

Blazor Hybrid con Electron.NET

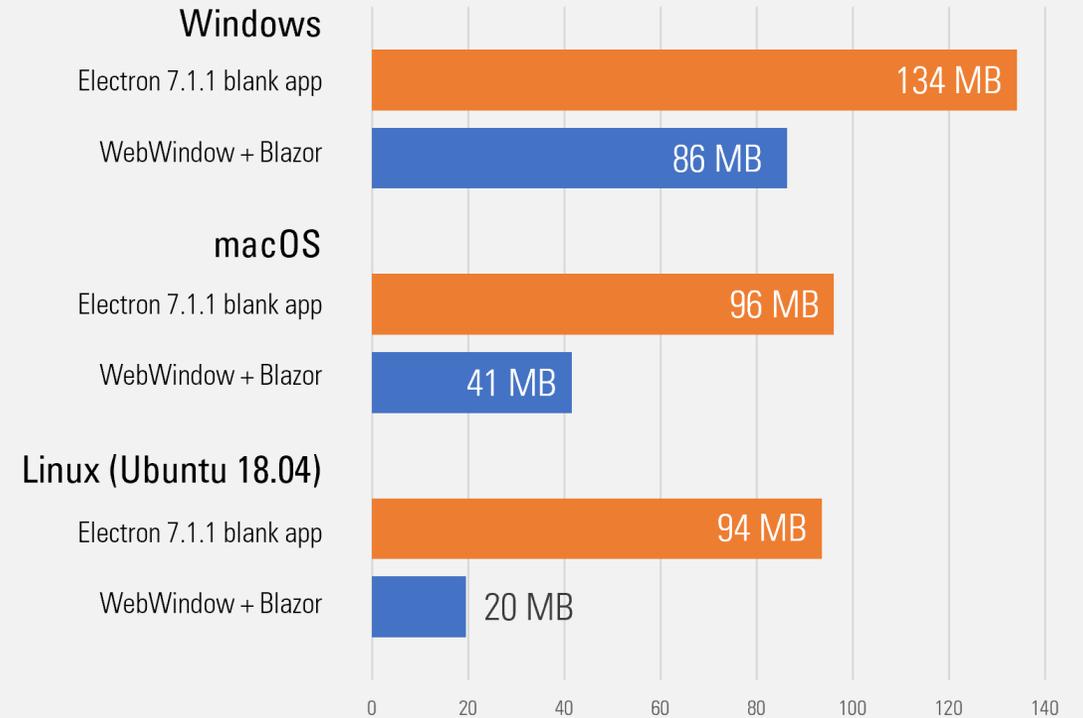


Electron: quanto ci costi?

Download size (compressed)



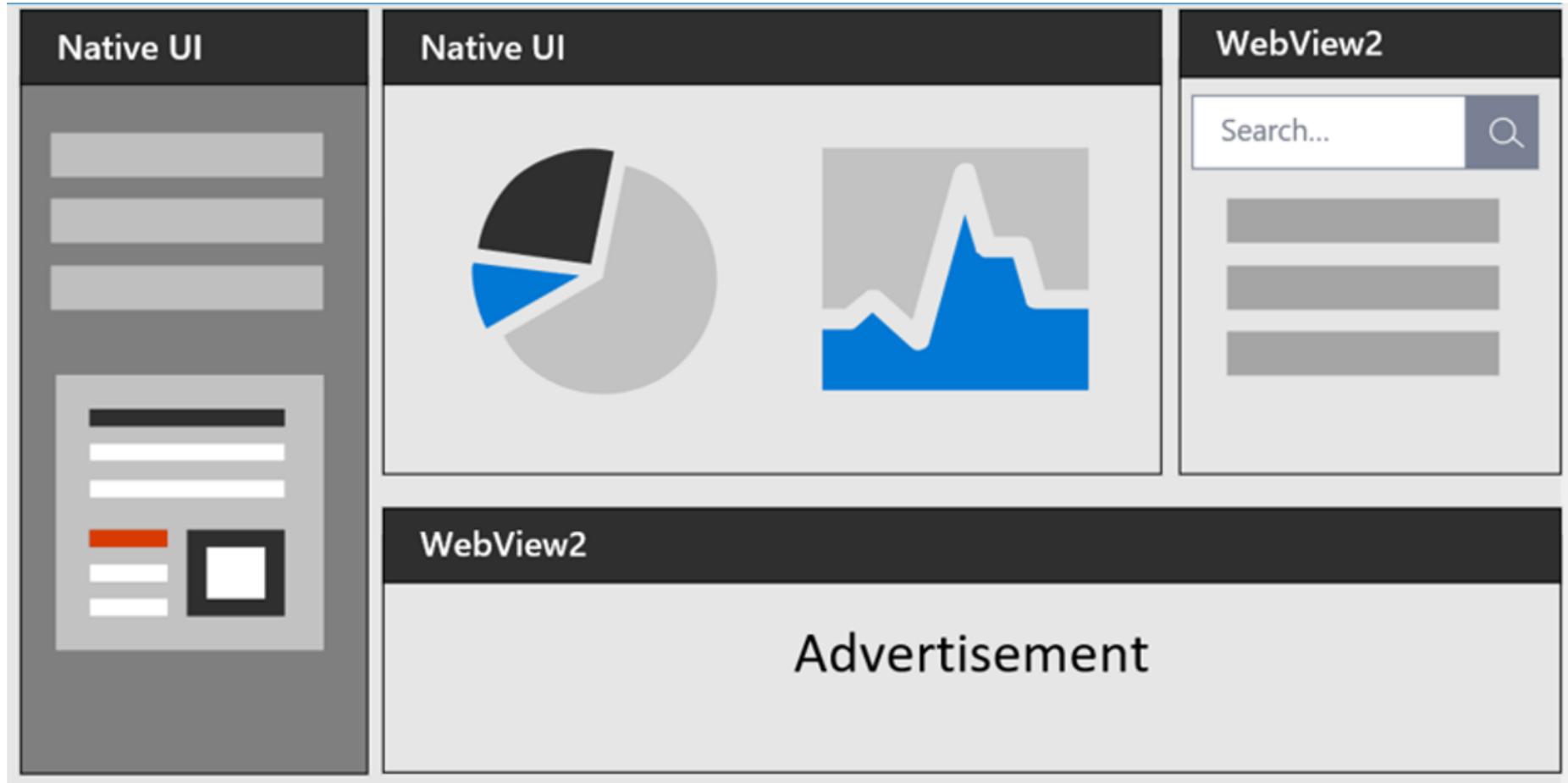
Memory use



<https://blog.stevensanderson.com/2019/11/18/2019-11-18-webwindow-a-cross-platform-webview-for-dotnet-core/>



Blazor Hybrid con WebView2



Blazor Hybrid con WebView2

WebView2



Based on Microsoft Edge (Chromium)



Consistent across supported Windows versions



Available for Win32 C/C++, WPF/WinForms, WinUI 3.0

aka.ms/webview2



Evergreen
(default)

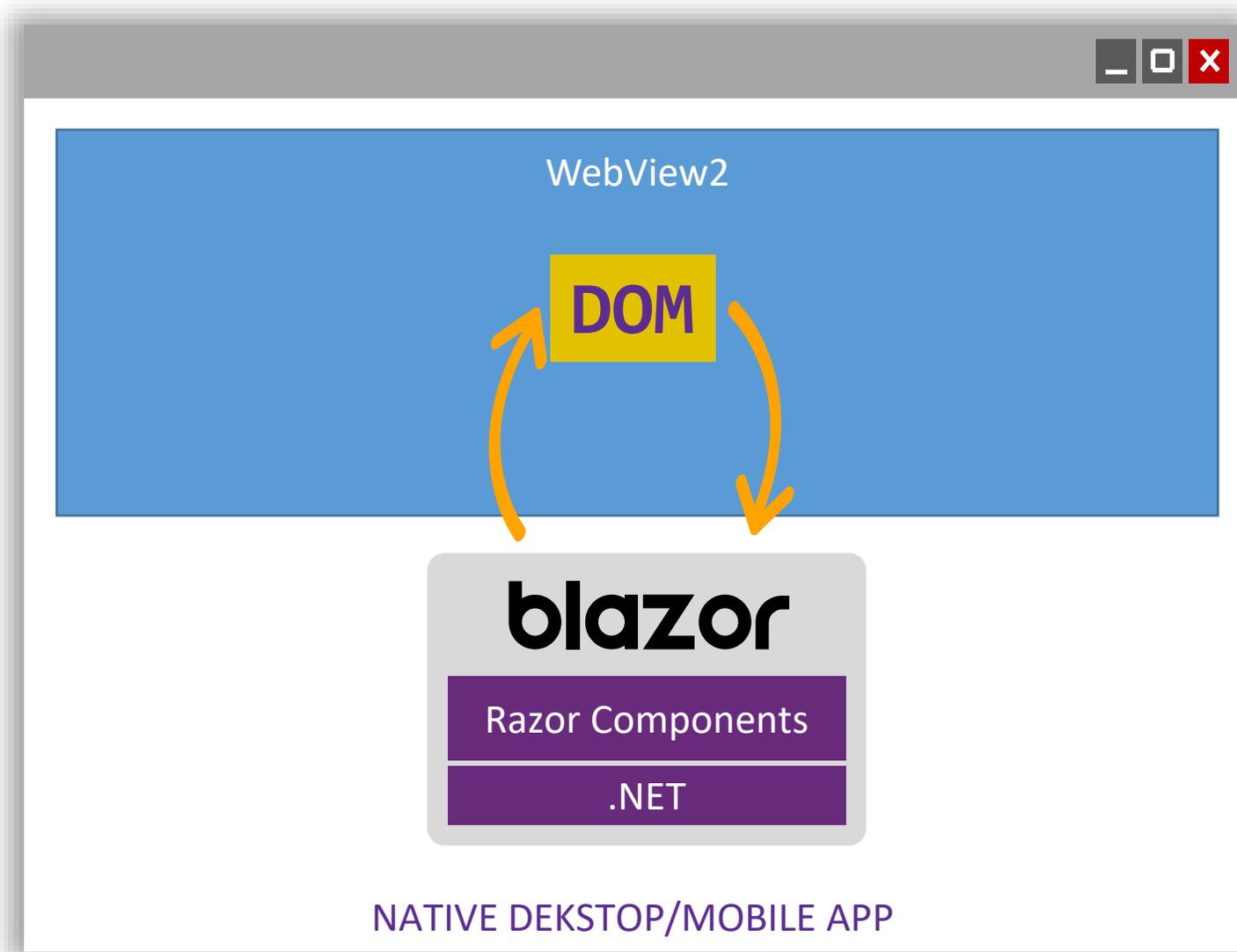
or



Fixed version
(optional)



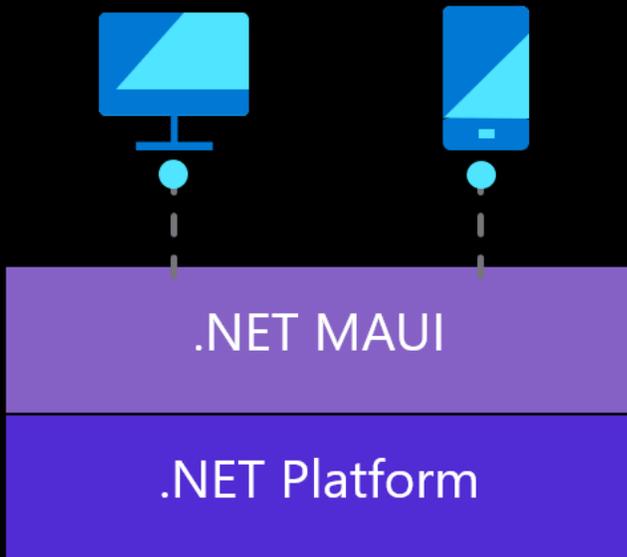
Blazor Hybrid con BlazorWebView



Blazor Hybrid con Windows Forms e WPF



Introducing .NET Multi-platform App UI



Cross-platform, native UI

Single project, single codebase

Deploy to multiple devices, mobile & desktop

Evolution of Xamarin.Forms

Targeting .NET 6, previews end of year

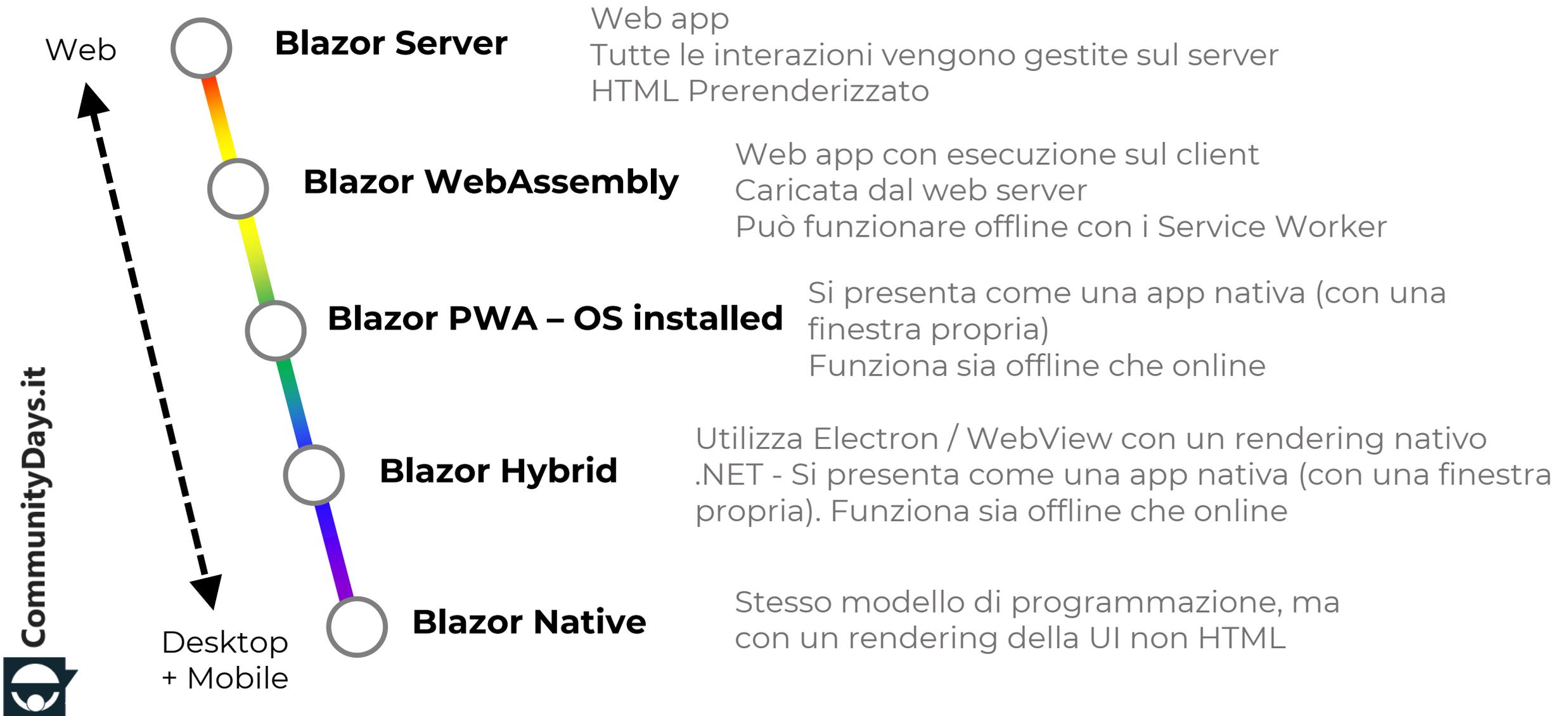
Build beautiful, native UI for any device

github.com/dotnet/maui

Blazor Hybrid con MAUI



La roadmap di Blazor



Seguite la nostra community!

BLAZOR DEVELOPER ITALIANI

La Community italiana su Blazor



<https://blazordev.it/>



<https://twitter.com/blazordevita>



<https://github.com/blazordevita>



<https://fb.me/blazordeveloperitaliani>

Partecipate alle discussioni



<https://fb.me/groups/998755440506950/>



<https://www.linkedin.com/groups/8896269/>



<https://github.com/blazordevita>

Grazie!

- Il materiale sarà online nei prossimi giorni su <http://www.communitydays.it>



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