

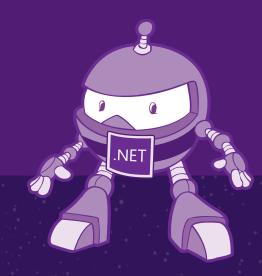




Introduction to Web API development with ASP.NET Core



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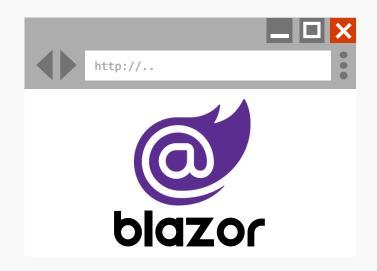


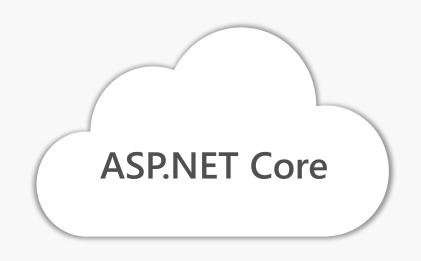
ASP.NET Core 3.0: A full stack solution

Client

Frontend

Backend







- Blazor
- Components
- SPA (JavaScript)

- MVC / Razor Pages
- SignalR
- Security & identity

- Web APIs
- Worker services
- gRPC

ASP.NET Core 3.0



gRPC

High performance contractbased RPC services with .NET

Works across many languages and platforms



Worker Service

Starting point for long running back processes like Windows
Server or Linux daemon

Producing or consuming messages from a message queue

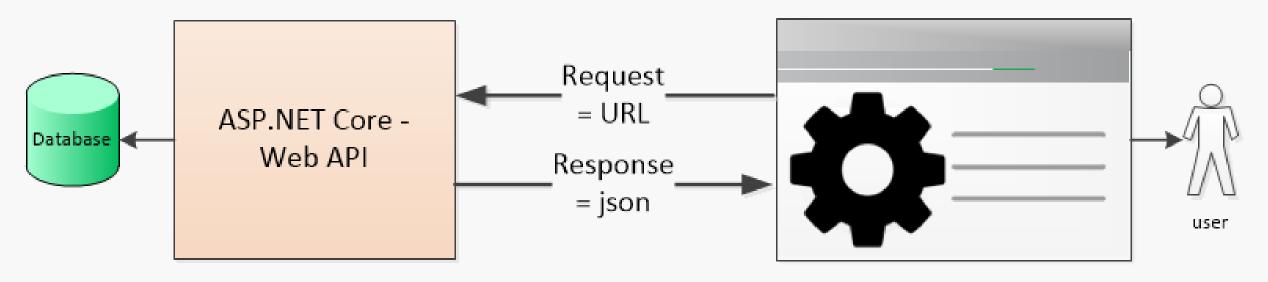


Web API's + Identity

Add security and authentication to Web API's

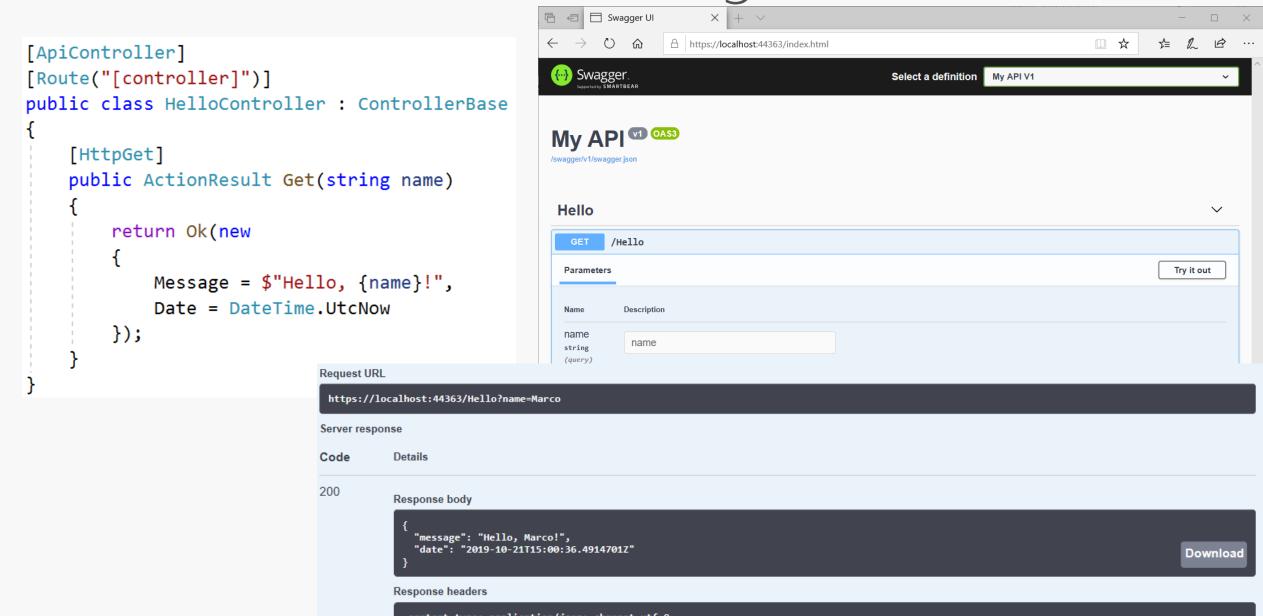
ASP.NET Core Web API architeture

The external system is in charge



Some framework, like React.js, or mobile app

ASP.NET Core Web API at a glance



Demo My First Web API







ASP.NET Core cross-platform

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Demo ASP.NET Core on Linux



Resources

- https://docs.microsoft.com/aspnet/core
- https://dotnet.microsoft.com/apps/aspnet/apis
- https://docs.microsoft.com/en-us/dotnet/core/install/linux-package-manager-ubuntu-1904
- https://github.com/marcominerva/WebAPI-Samples

Thanks! Questions?



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