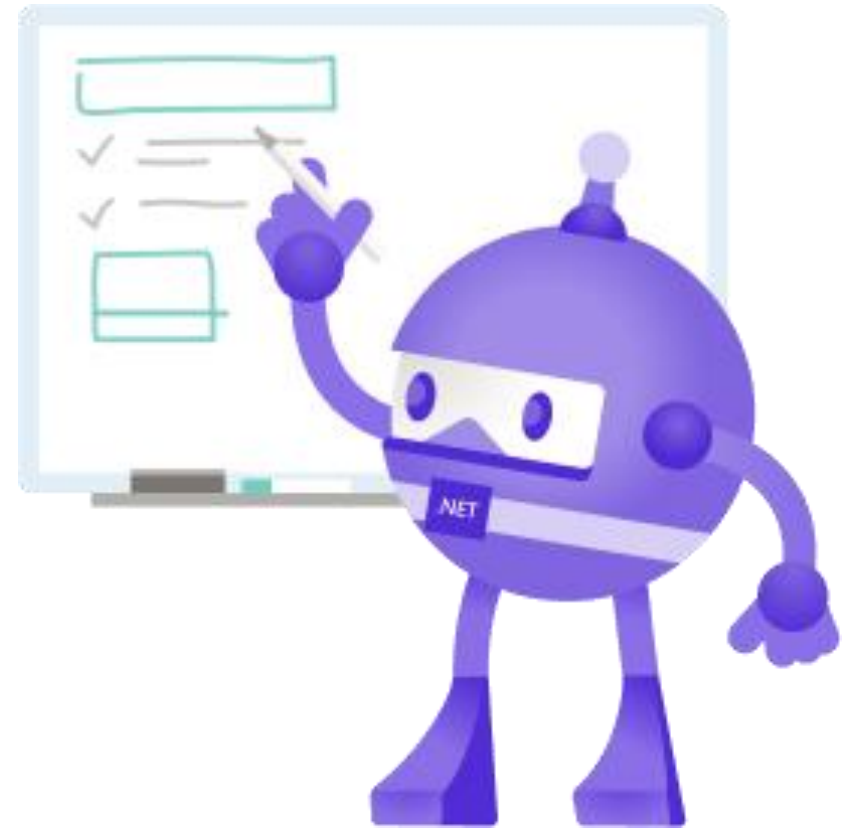


Il Web secondo ASP.NET



A long time ago in a galaxy far,
far away....

ASP.NET MVC

ASP.NET WebApi

ASP.NET Core MVC

Razor Pages

Web
Forms

WCF

Blazor

gRPC

SignalR

ASP.NET

ASP.NET Core

.NET Framework

.NET Core

.NET Standard

.NET 5
A NEW HOPE

.NET – A unified platform



ASP.NET
Core MVC

Razor
Pages

Blazor

gRPC

SignalR

ASP.NET Core 5

.NET 5

Pillole di C# 9

Top level statements

Record types

Init only setters

Pattern matching

new() expression ed altre amenità...

<https://docs.microsoft.com/en-us/dotnet/csharp/whats-new/csharp-9>

<DEMO />

ASP.NET Core MVC

Model Binding e validation con i Record types

OpenAPI (Swagger) abilitato di default nei progetti WebApi

Import delle WebApi in Azure API Management

<https://docs.microsoft.com/en-us/aspnet/core/release-notes/aspnetcore-5.0?view=aspnetcore-5.0>

<DEMO />

gRPC

A high performance, open source universal RPC framework (<https://grpc.io/>)

Basato su HTTP/2, sviluppo Contract-first utilizzando ProtoBuf

Unary RPC: client invia singola richiesta, server manda singola risposta

Server Streaming: client invia singola richiesta server manda stream di risposte

Client Streaming: client invia stream di richieste server manda singola risposta

Bidirectional Streaming: sia client che server mandano un elenco di messaggi

<DEMO />

WON'T SOMEBODY PLEASE THINK OF

THE FRONTED?!

Blazor

Build client web apps with C# (<https://blazor.net/>)

Blazor Server vs Blazor WebAssembly

Miglioramento delle performance e trimming dell'IL quando viene compilato in Release

Lazy loading degli assembly

CSS e JS isolation

Nuovi componenti nativi (InputFile, Virtualize, etc...)

<https://docs.microsoft.com/it-it/aspnet/core/release-notes/aspnetcore-5.0?view=aspnetcore-5.0#blazor>

<DEMO />

Grazie!

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