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Downloads

<https://github.com/JasonBock/WhatsNewInNET6APIs>

<https://github.com/JasonBock/Presentations>



Overview

- Focus
- .NET 6 Features
- Call To Action

Remember...

<https://github.com/JasonBock/WhatsNewInNET6APIs>

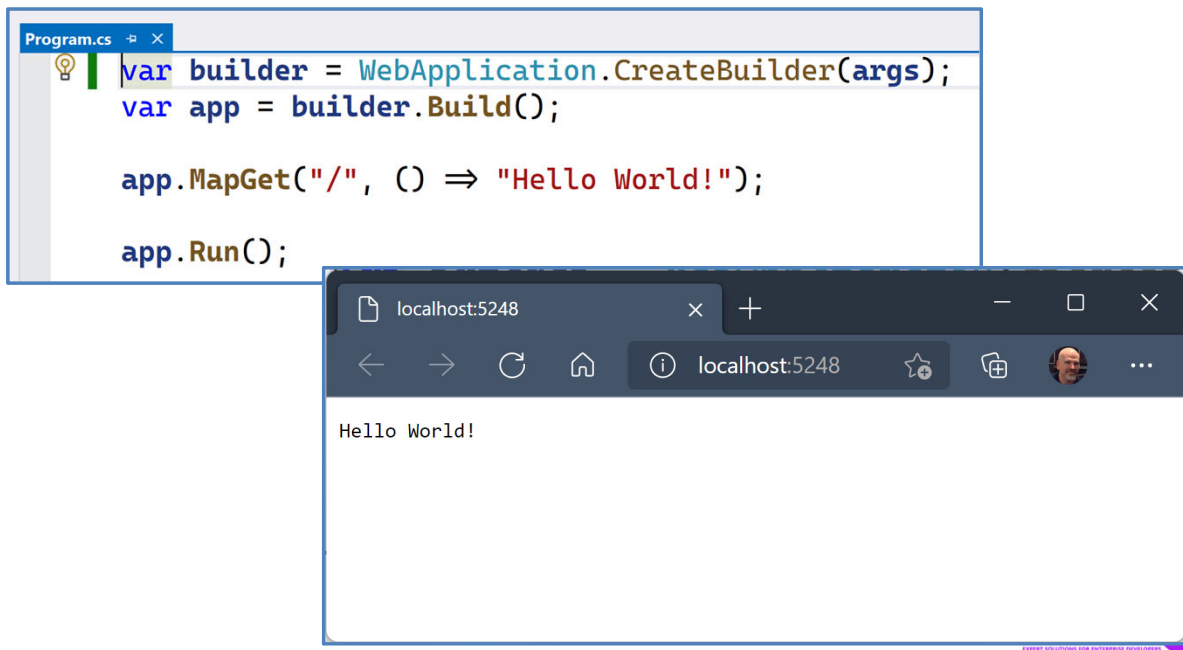
<https://github.com/JasonBock/Presentations>



What's New in .NET 6 APIs

FOCUS

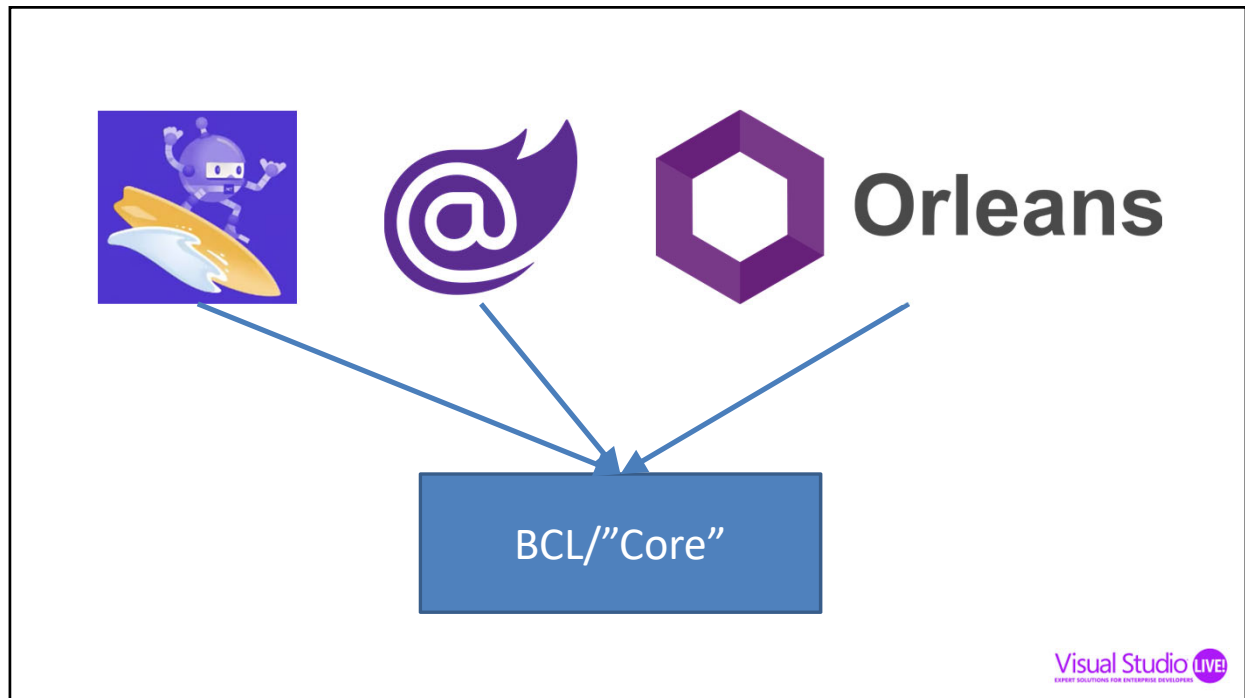
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An application programming interface (API) is a connection between computers or between computer programs. It is a type of software interface, offering a service to other pieces of software. A document or standard that describes how to build or use such a connection or interface is called an API specification. A computer system that meets this standard is said to implement or expose an API. The term API may refer either to the specification or to the implementation.

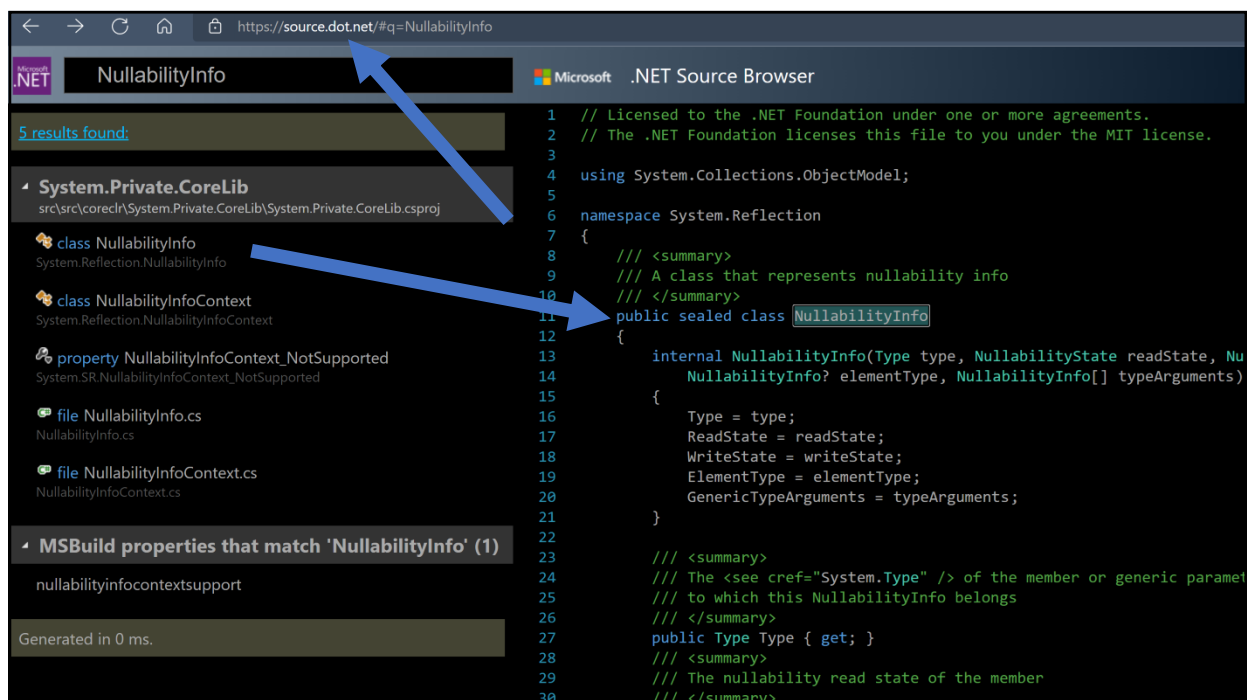
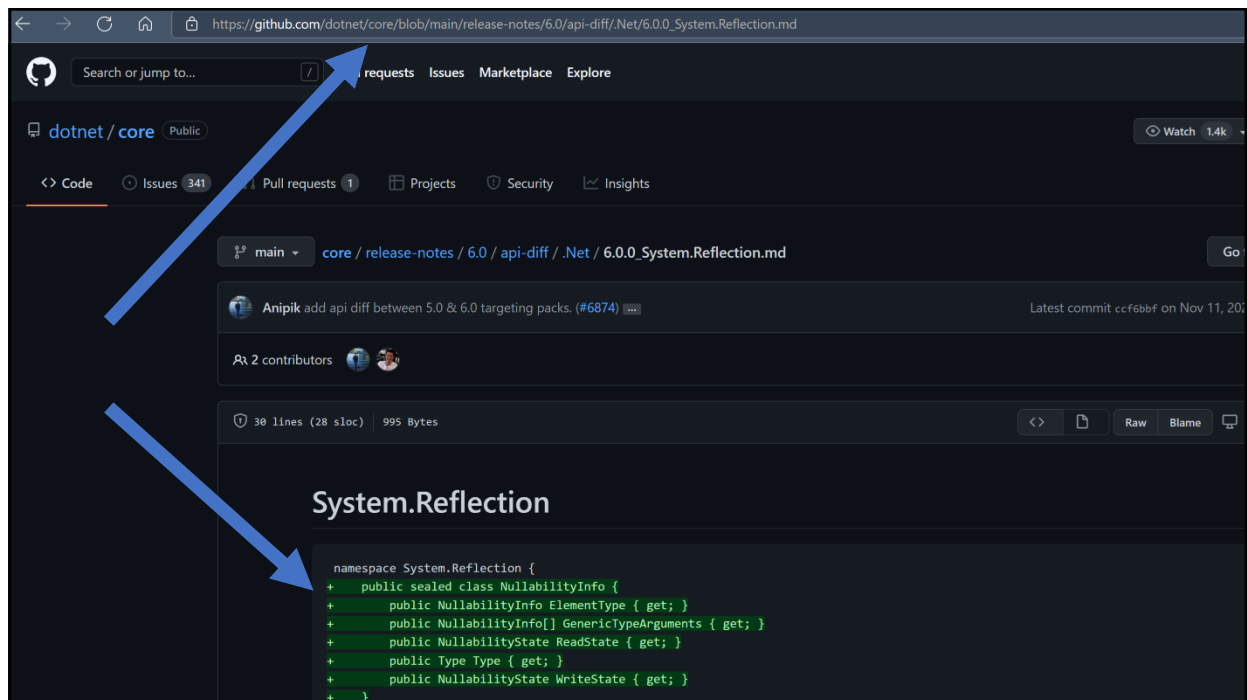
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The screenshot shows the .NET API browser website. The browser's address bar displays the URL <https://docs.microsoft.com/en-us/dotnet/api/?view=net-6.0>. The page features a navigation bar with links for 'Microsoft', 'Docs', 'Documentation', 'Learn', 'Q&A', 'Code Samples', 'Shows', and 'Events'. Below the navigation bar, there are tabs for '.NET', 'Languages', 'Workload', 'APIs', and 'Resources'. The main heading is '.NET API browser', followed by a welcome message and a search box. A dropdown menu for '.NET 6' is visible, with a search input field. Below this, the section '.NET API Reference version 6' contains a table with API details.

Name	Description
Microsoft.CSharp.RuntimeBinder Namespace	Provides classes and interfaces that support interoperability between Dynamic Language Runtime and C#.
Microsoft.VisualBasic Namespace	Contains types that support the Visual Basic Runtime in Visual Basic.
Microsoft.VisualBasic.CompilerServices Namespace	Contains internal-use only types that support the Visual Basic compiler.

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Performance Improvements in .NET 6



Stephen

August 17th, 2021

Four years ago, around the time .NET Core 2.0 was being released, I wrote [Performance Improvements in .NET Core](#) to highlight the quantity and quality of performance improvements finding their way into .NET. With its very positive reception, I did so again a year later with [Performance Improvements in .NET Core 2.1](#), and an annual tradition was born. Then came [Performance Improvements in .NET Core 3.0](#), followed by [Performance Improvements in .NET 5](#). Which brings us to today.

The [dotnet/runtime](#) repository is the home of .NET's runtimes, runtime hosts, and core libraries. Since its main branch forked a year or so ago to be for .NET 6, there have been over 6500 merged PRs (pull

What's New in .NET 6 APIs

DEMO: .NET 6 FEATURES

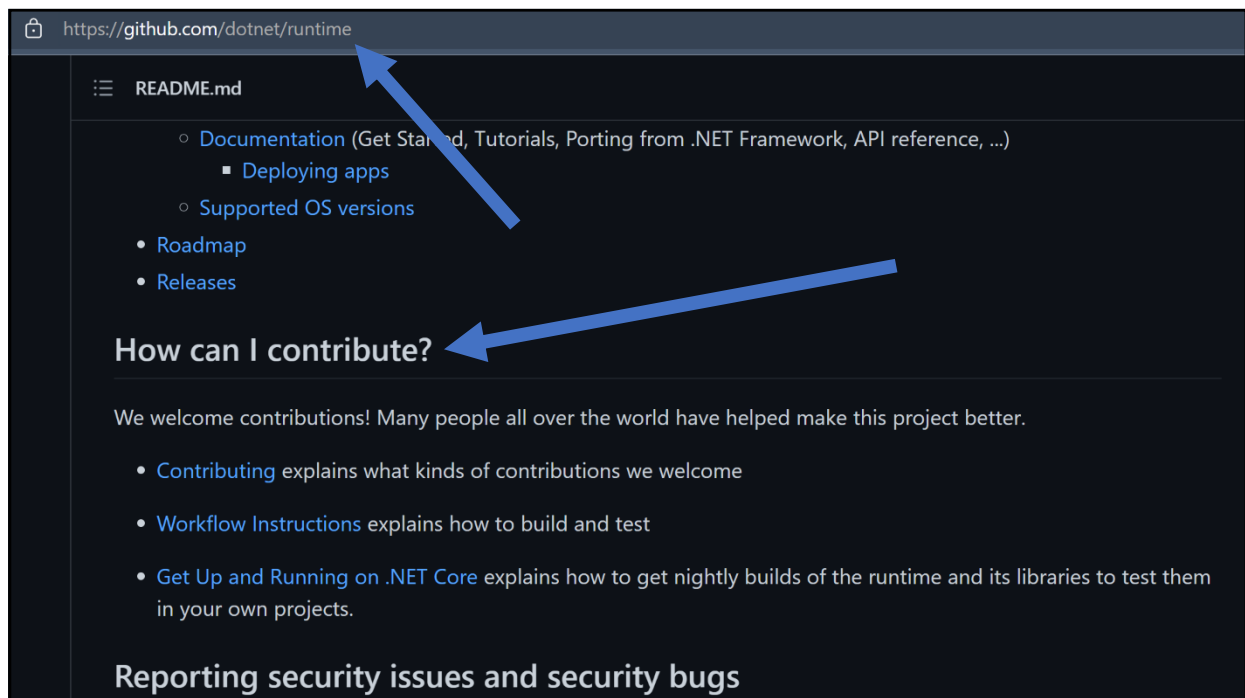
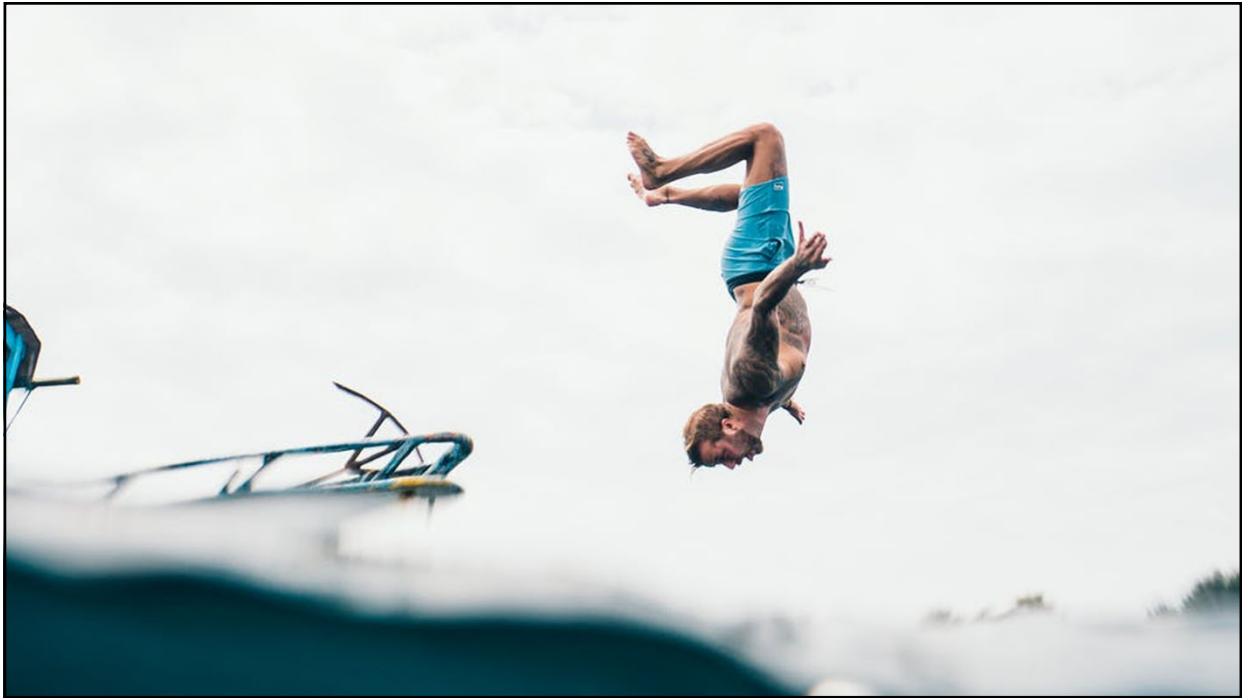


What's New in .NET 6 APIs

CALL TO ACTION



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What's New in .NET 6 APIs

Jason Bock
Developer Advocate
Rocket Mortgage

Level: Intermediate

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