MIGRATING FROM ASP NET WEB API 2 2 TO ASP NET CORE

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How to migrate the ASP.NET web API to ASP.NET Core?

How to migrate from .NET to .NET Core?

What is the difference between ASP.NET Web API and .NET Core Web API? ASP.NET Web API can serve as the backend for frontend (BFF) services, providing RESTful APIs for frontend applications built using JavaScript frameworks like Angular, React, or Vue. js. ASP.NET Core Web API is commonly used to build backend services for modern web applications built with frontend frameworks.

How to convert web API to MVC?

Why migrate to ASP.NET Core? Migrate ASP.NET web forms to ASP.NET Core process offers a significant boost: better performance, cleaner code for easier maintenance, and access to modern development practices. This translates to a smoother development experience with stronger security and cloud-readiness for a future-proof application.

What replaces Microsoft ASP.NET Core? AspNetCore. Mvc. Versioning packages are now deprecated and superseded by Asp. Versioning.

Should I migrate from .NET Framework to .NET Core? Because of its modular structure, . NET Core makes it easier to access specific features without having to use the entire framework. This allows developers to implement only those features they need, resulting in faster performance. Therefore, if you are trying to improve performance, then migrating your code to .

Why is the .NET Core better than the .NET Framework? NET Core is a lot faster than the . NET Framework due to its modular architecture. It offers lighter versions of core framework components leading to simplified cross-platform app development. Microsoft purposely rebuilt many of the features of .

Can you mix .NET Framework and .NET Core? In fact, you can have . NET Framework and . NET Core code live harmoniously together in the same solution.

What are the advantages of Web API in ASP.NET Core? With Web API, you get access to entire features of HTTP like URIs, request/response headers, content formatting, caching, etc., and hence, as compared to WCF rest services (which require defining extra config settings for different devices), it is much easier to develop ASP.NET web applications using RESTful web ...

How to use Web API in .NET Core?

How many types of API are there in ASP.NET Core? ASP.NET Core supports two approaches to creating APIs: a controller-based approach and minimal APIs. Controllers in an API project are classes that derive from ControllerBase. Minimal APIs define endpoints with logical handlers in lambdas or methods. This article points out differences between the two approaches.

How to convert Web API to .NET Core? Using Visual Studio, create a new, empty solution, and name it WebAPIMigration. Add the existing ProductsApp project to it, then, add a new ASP.NET Core Web Application Project to the solution. Name the new project ProductsCore.

How to migrate MVC to .NET Core?

Why we use Web API instead of MVC? Difference between MVC and Web API We can use MVC to create a Web application that responds as both data and views, while the Web API is used to create HTTP services that only respond as data. The Web API request traces with the actions based on the HTTP services, but the MVC request traces with the action name.

Is ASP.NET Core still relevant? However, despite the evolution of web development, ASP.NET continues to stand out as a robust and versatile framework,

maintaining its relevance in 2024 and beyond. ASP.NET, developed by Microsoft, has been a cornerstone of web development for decades.

How to convert ASP.NET web application to ASP.NET Core?

Why is ASP.NET Core so popular? NET Core has become popular due to its cross-platform support, high performance, cloud-native architecture, open-source nature, and ease of use. As technology continues to evolve, . NET Core is likely to remain a popular choice for developers looking to build modern applications that are scalable, reliable, and secure.

Is .NET Core being discontinued? NET Core Framework is slated to go out of support on December 13th, 2022. Microsoft recommends upgrading . NET Core 3.1 applications to . NET 6.0 to stay supported for the future, while the developers have mixed feelings about the .

Is ASP.NET Core outdated? ASP.NET is not outdated per se. It's still a competent . NET framework. But we recommend avoiding it for new projects, as it is discontinued.

Is ASP.NET Core MVC dead? However, Microsoft discontinued ASP.NET MVC in 2018. While the framework still works, it isn't being actively developed, and there are no plans to release any new features or updates.

What are the disadvantages of .NET Core?

What are the benefits of moving to .NET Core?

How did you migrate your application from .NET Framework to .NET Core?

Why should I upgrade to .NET Core? . NET Core is high-performance which makes it suitable for developing applications that need maximum speed and performance such as web applications or machine learning models. This has attracted more developers to use it as they know their applications will run faster and with fewer performance issues.

What is the best .NET Framework? ASP . NET Core offers a unified approach to building web apps and web APIs which is one of the many reasons why ASP . NET

Core is the best web framework.

Is it worth learning .NET Core? ASP.NET Core offers benefits such as improved performance, modularity, and cross-platform support, making it an attractive choice for modern web development.

How to add Web API to existing ASP.NET Core MVC project?

How to use Web API in ASP.NET Core web application? Creating a Web API Project Open Visual Studio 2022 and select Create a new project and then select ASP.NET Core Web API: and give a name to your project in the following screen and then click Next. And also Swashbuckle. AspNetCore NuGet package is added as a dependency.

How to connect ASP.NET Core Web API with database?

How to install ASP.NET Core Web API in Visual Studio?

How do I authorize a Web API in .NET Core? In ASP.NET Core, token-based authentication can be implemented using JWT (JSON Web Tokens) and the JWT bearer authentication scheme. To enable JWT bearer authentication for your API, you need to configure the authentication scheme with the necessary token validation parameters and issuer signing key.

What is the difference between Web API and REST API? REST APIs use the HTTP protocol to send and receive data. Web APIs, on the other hand, rely on multiple communication protocols like SOAP, XML-RPC, and JSON-RPC. REST APIs are the most widely used for data integration, facilitating efficient data transfer.

How to deploy ASP.NET Core Web API in IIS step by step?

What is the difference between Web API and .NET Core Web API? ASP.NET API mainly uses IIS (Internet Information Services) for web hosting, which is great for Windows environments. . NET CORE API offers more flexibility with a variety of hosting options including self-hosted, docker containers, and cloud platforms.

Where to host ASP.NET Core Web API?

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What is the difference between ASP.NET Core APIController and ControllerBase? The Controller class is used for creating controllers in ASP.NET MVC applications, the ControllerBase class is used for basic functionality in ASP.NET Core, and the APIController class is used for creating controllers in ASP.NET Core Web API applications.

What is the best database for .NET Core Web API? SQL Server is the default database for ASP.NET Core, and it's an excellent choice for enterprise-level applications. If you're building a small to medium-sized application, consider using SQLite or PostgreSQL. ORM: An Object-Relational Mapping (ORM) tool maps database tables to object-oriented code.

How do I add basic authentication to ASP.NET Core Web API? In IIS Manager, go to Features View, select Authentication, and enable Basic authentication. In your Web API project, add the [Authorize] attribute for any controller actions that need authentication. A client authenticates itself by setting the Authorization header in the request.

How to test Web API in ASP.NET Core? Integration Testing: You can use the TestServer to send HTTP requests to your application's API endpoints, just like a real client. Dependency Injection: The package seamlessly integrates with the dependency injection system in ASP.NET Core, allowing you to inject services and dependencies required for your tests.

What is the difference between Web API and minimal API? Due to minimal code, Minimal APIs are more lightweight for API development and are ideal for small projects. On the other hand, Web APIs are a good choice for large projects that require extreme functionalities.

How do I add a web config file to .NET Core Web API? The process of adding the file to the project is as simple as you might think. Right-click on your project and select "Add New Item" and select Configuration File from the listing. This will add blank web. config file to your project.

How to run ASP.NET Core Web API in VS Code? Open the project folder in VS Code. Wait for the C# extension to prompt you to add required assets for build and

debug, and choose Yes. You can also open the Command Palette (Ctrl+Shift+P) and use the . NET: Generate Assets for Build and Debug command.

Trainz: Co jsou to mapy "Smy len"?

Otázka: Co jsou to mapy "Smy len" v Trainz?

Odpov??: Mapy "Smy len" jsou speciální typ map vytvo?ených pro Trainz, simula?ní hru železnic. Jsou navrženy tak, aby poskytovaly realistický zážitek z jízdy vlakem bez omezení velikosti mapy.

Otázka: Jaké jsou výhody map "Smy len"?

Odpov??: Mapy "Smy len" nabízejí n?kolik výhod:

- **Neomezená velikost:** Mapy "Smy len" nejsou omezeny velikostí souboru, takže tv?rci map mohou vytvá?et obrovské a detailní sv?ty.
- **Realistický terén:** Tyto mapy jsou vytvo?eny pomocí dat z reálného sv?ta, takže poskytují realistický terén a vegetaci.
- **Vysoká úrove? detail?:** Mapy "Smy len" obsahují vysokou úrove? detail?, v?etn? budov, most? a dalších objekt?, což p?ispívá k pohlcujícímu zážitku.

Otázka: Jak mohu získat mapy "Smy len"?

Odpov??: Mapy "Smy len" lze stáhnout z r?zných webových stránek, v?etn? fóra Trainz a webových stránek tv?rc? map.

Otázka: Existují n?jaké nevýhody map "Smy len"?

Odpov??: Jedinou nevýhodou map "Smy len" je, že mohou být náro?né na výpo?etní výkon vašeho po?íta?e. Vzhledem k jejich velké velikosti a vysokému stupni detail? vyžadují mapy "Smy len" silný po?íta?, aby mohly b?žet plynule.

Otázka: Jaké jsou n?které z nejlepších map "Smy len"?

Odpov??: Mezi n?které z nejlepších map "Smy len" pat?í:

- **Sherman Hill Route:** Realistická mapa zobrazující trasu Sherman Hill v Wyomingu.

- **Kicking Horse Pass:** Malebná mapa zobrazující pr?smyk Kicking Horse Pass v Britské Kolumbii.
- **Sand Patch Grade:** Náro?ná mapa založená na skute?né trati Sand Patch Grade v Marylandu.

System Center 2012 Configuration Manager Unleashed: Essential Questions and Answers

System Center 2012 Configuration Manager (SCCM 2012) is a powerful suite of tools for managing and deploying software, operating systems, and security updates across an enterprise. Here are some frequently asked questions and answers to help you understand and use SCCM 2012 effectively:

Q: What are the key benefits of using SCCM 2012? A: SCCM 2012 provides centralized management, automating software deployment and patching processes, ensuring compliance, and improving security by managing updates and controlling access to sensitive data.

Q: How can SCCM 2012 help me manage software deployment? A: SCCM 2012's software distribution feature allows you to create and distribute software packages, manage application installations, and perform automatic software updates. It also supports software metering and application virtualization.

Q: What are the different ways to manage operating systems with SCCM 2012? A: SCCM 2012 offers multiple options for OS management, including:

- OS deployment: Automate the installation and configuration of new operating systems.
- OS imaging: Create and manage custom OS images for rapid deployment.
- Patch management: Deploy security and other updates to operating systems in a controlled and efficient manner.

Q: How does SCCM 2012 enhance security management? A: SCCM 2012 includes features such as software restriction policies, application control, and endpoint protection integration. These capabilities help prevent malware infections, secure access to sensitive data, and enforce security policies.

Q: What are some of the advanced features of SCCM 2012? A: SCCM 2012 provides several advanced capabilities, including:

- Cloud integration: Connect SCCM to Microsoft Azure for hybrid management.
- Endpoint protection integration: Integrate with Microsoft Endpoint Manager for enhanced endpoint security.
- Software metering and management: Track and manage software usage to optimize licensing and control expenses.

Soal Olimpiade Matematika SD dan Pembahasannya

Soal 1:

Andi memiliki 24 apel. Ia memberikan 1/3 bagian apelnya kepada Budi dan 1/4 bagian kepada Cici. Berapa banyak apel yang tersisa pada Andi?

Pembahasan:

- Apel yang diberikan kepada Budi: 24 x 1/3 = 8 apel
- Apel yang diberikan kepada Cici: 24 x 1/4 = 6 apel
- Apel yang tersisa: 24 - 8 - 6 = 10 apel

Soal 2:

Sebuah persegi panjang memiliki panjang 12 cm dan lebar 8 cm. Tentukan keliling dan luas persegi panjang tersebut.

Pembahasan:

- Keliling: 2 x (panjang + lebar) = 2 x (12 cm + 8 cm) = 40 cm
- Luas: panjang x lebar = 12 cm x 8 cm = 96 cm²

Soal 3:

Ada 30 siswa di kelas Andi. Jika 60% siswa gemar Matematika, berapa banyak siswa yang tidak gemar Matematika?

Pembahasan:

- Jumlah siswa gemar Matematika: 30 x 60% = 18 siswa
- Jumlah siswa tidak gemar Matematika: 30 - 18 = 12 siswa

Soal 4:

Sebuah kereta api berangkat dari Stasiun Jakarta pada pukul 06.30 dan tiba di Stasiun Bandung pada pukul 09.15. Jika jarak antara Jakarta dan Bandung adalah 160 km, tentukan kecepatan rata-rata kereta api tersebut.

Pembahasan:

- Waktu tempuh: 09.15 - 06.30 = 2 jam 45 menit = 2,75 jam
- Kecepatan rata-rata: jarak / waktu tempuh = 160 km / 2,75 jam = 58,2 km/jam

Soal 5:

Sebuah prisma segitiga siku-siku memiliki alas berbentuk segitiga siku-siku dengan panjang sisi siku-sikunya 6 cm dan 8 cm. Jika tinggi prisma 10 cm, tentukan volume prisma tersebut.

Pembahasan:

- Luas alas: 1/2 x 6 cm x 8 cm = 24 cm²
- Volume prisma: luas alas x tinggi = 24 cm² x 10 cm = 240 cm³

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