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Intro to WebAPI - One of the most powerful project types in C# C# ASP.NET Web API 2.2 made easy using a Project - Step by Step

Getting Started with ASP NET Web API 2

Part 5 ASP.Net Web API 2 Project - Create Data Transfer ObjectsASP.NET Web API (2 hours) Training - Urdu/Hindi

Self Hosted REST Microservice using OWIN and ASP.NET Web API 2.NET Core 3.1 MVC REST

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ASP.NET Web API is a framework for building web APIs on top of the .NET Framework. Software versions used in the tutorial. Visual Studio 2017; Web API 2; See [Create a web API with ASP.NET Core and Visual Studio for Windows](#) for a newer version of this tutorial. [Create a Web API Project](#)

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Get Started with ASP.NET Web API 2 (C#) - ASP.NET 4.x ...

This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations.

ASP.NET Web API 2: Building a REST Service from Start to ...

Course details ASP.NET Web API 2.2—a framework for building web APIs on top of the .NET Framework—can be a great choice for developers looking to expose their data and services.

Building web APIs - Advanced ASP.NET Web API 2.2 Video ...

This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations.

ASP.NET Web API 2: Building a REST Service from Start to ...

10/17/2018. Learn how to connect web and mobile applications to back-end servers and databases in your applications using ASP.NET Web API 2.2, a popular framework for building web APIs on top of the .NET Framework. In this course, join Jonathan "J." Tower as he steps through how to use this framework to efficiently create RESTful services.

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Building Web APIs with ASP.NET Web API 2.2

We can build a Web API and Entity framework with a code first or database first approach, however, it is hard to do so in the real working environment with ASP.NET Core Web API calling a stored procedure. This article will give a way for developers to do this by using ASP.NET Core, Web API, and Entity Framework to call a Stored procedure step-by-step.

ASP.NET Core, Web API - Entity Framework Call Stored Procedure

To build a great connected application you need powerful backend services. In this session we ' ll learn how to use ASP.NET Web API 2.1 to support connection applications for Windows Phone ...

Building Web APIs for Mobile Apps Using ASP.NET Web API 2 ...

REST APIs with .NET and C#. ASP.NET makes it easy to build services that reach a broad range of clients, including browsers and mobile devices. With ASP.NET you use the same framework and patterns to build both web pages and services, side-by-side in the same project.

ASP.NET Web APIs | Rest API's with .NET and C#

In this task, you will use the new ASP.NET web project templates to create a Web API web application. Run Visual Studio 2012 Express for Web , to do this go to Start and type VS Express for Web then press Enter .

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Build RESTful APIs with ASP.NET Web API - ASP.NET 4.x ...

Select the ASP.NET Core Web Application template and click Next. Name the project TodoApi and click Create. In the Create a new ASP.NET Core Web Application dialog, confirm that .NET Core and ASP.NET Core 2.2 are selected. Select the API template and click Create. Don't select Enable Docker Support. Open the integrated terminal.

Tutorial: Create a web API with ASP.NET Core | Microsoft Docs

Although ASP.NET Web API is packaged with ASP.NET MVC, it is easy to add Web API to a traditional ASP.NET Web Forms application. To use Web API in a Web Forms application, there are two main steps: Add a Web API controller that derives from the ApiController class. Add a route table to the Application_Start method. Create a Web Forms Project ...

Using Web API with ASP.NET Web Forms - ASP.NET 4.x ...

Many .NET developers know and love ASP.NET 4.x, and will continue to build apps with it into the future. ASP.NET 4.X is a battle-tested web framework that has existed for over 15 years and is ...

Use ASP.NET Web API and Angular to Build a Simple App ...

Course details Learn how to connect web and mobile applications to back-end servers and databases in your applications using ASP.NET Web API 2.2, a popular framework for building web APIs on top of...

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Building Web APIs with ASP.NET Web API 2.2 | LinkedIn ...

Build a REST API with ASP.NET Core 2.2 Ibrahim Šuta ASP.NET Core is entirely open source, free, has built-in DI and logging, works smoothly with a fantastic ORM and has tons of built-in features within Web API framework, and on top of that you get Microsoft support for free, maturity and flexibility of C# and ASP.NET, it ' s evident that ASP.NET Core is easily one of the best picks for building REST APIs.

Build a REST API with ASP.NET Core 2.2 | Okta Developer

Use ASP.NET Core 2 to create durable and cross-platform web APIs through a series of applied, practical scenarios. Examples in this book help you build APIs that are fast and scalable. You ' ll progress from the basics of the framework through to solving the complex problems encountered in implementing secure RESTful services.

Modern API Design with ASP.NET Core 2: Building Cross ...

This tutorial will take you through how to create a simple .NET Core 2.1 Web API our demo will focus on creating an Inventory Store to Add and Get items. As ...

ASP.NET Core 2.1: Building a Simple Web API - YouTube

Find helpful customer reviews and review ratings for ASP.NET Web API 2: Building a REST Service from Start to Finish at Amazon.com. Read honest and unbiased product reviews from our users.

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Amazon.com: Customer reviews: ASP.NET Web API 2: Building ...

The ASP.NET Web API is an extensible framework for building HTTP based services that can be accessed in different applications on different platforms such as web, windows, mobile etc. It works more or less the same way as ASP.NET MVC web application except that it sends data as a response instead of html view.

What is Web API? - TutorialsTeacher

Building an ASP.NET Web API with ASP.NET Core Damir Imangulov Damir is a hard-working architect, and experienced full-stack developer experienced in .NET, .NET Core, and front-end technologies.

The ASP.NET MVC Framework has always been a good platform on which to implement REST-based services, but the introduction of the ASP.NET Web API Framework raised the bar to a whole new level. Now in release version 2.1, the Web API Framework has evolved into a powerful and refreshingly usable platform. This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations. How to handle non-resource APIs using REST How to best

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expose relationships between resources JSON Web Tokens, CORS, CSRF Get ready for authors Jamie Kurtz and Brian Wortman to take you from zero to REST service hero in no time at all. No prior experience with ASP.NET Web API is required; all Web API-related concepts are introduced from basic principles and developed to the point where you can use them in a production system. A good working knowledge of C# and the .NET Framework are the only prerequisites to best benefit from this book.

Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP.NET platform. It provides a standards-based approach and a high-productivity development model that makes it easy to deliver services to a wide-range of clients, including mobile devices. This book puts Web API into context for the experienced MVC Framework developer and dives deep into the tools and techniques required to build Web API applications that integrate with the MVC Framework and shows you how to create single-page applications to consume them. Best-selling author Adam Freeman explains how to get the most from Web API 2 by building on the foundation of the MVC Framework and the ASP.NET platform. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need.

Thought-provoking and accessible in approach, this updated and expanded second edition of the ASP.NET Web API 2: Building a REST Service from Start to Finish provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and

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diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@risepress.pw Rise Press

Use ASP.NET Core 2 to create durable and cross-platform web APIs through a series of applied, practical scenarios. Examples in this book help you build APIs that are fast and scalable. You'll progress from the basics of the framework through to solving the complex problems encountered in implementing secure RESTful services. The book is packed full of examples showing how Microsoft's ground-up rewrite of ASP.NET Core 2 enables native cross-platform applications that are fast and modular, allowing your cloud-ready server applications to scale as your business grows. Major topics covered in the book include the fundamentals and core concepts of ASP.NET Core 2. You'll learn about building RESTful APIs with the MVC pattern using proven best practices and following the six principles of REST. Examples in the book help in learning to develop world-class web APIs and applications that can run on any platform, including Windows, Linux, and MacOS. You can even deploy to Microsoft Azure and automate your delivery by implementing Continuous Integration and Continuous Deployment pipelines. What You Will Learn Incorporate automated API tooling such as Swagger from the OpenAPI specification Standardize query and response formats using Facebook's GraphQL query language Implement security by applying authentication and authorization using ASP.NET Identity Ensure the safe storage of sensitive data using the data protection stack Create unit and integration tests to guarantee code quality Who This

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Book Is For Developers who build server applications such as web sites and web APIs that need to run fast and cross platform; programmers who want to implement practical solutions for real-world problems; those who want in-depth knowledge of the latest bits of ASP.NET Core 2.0

ASP.NET Core in Action, Second Edition opens up the world of cross-platform web development with ASP.NET Core. You ' ll start with a crash course in .NET Core, then you ' ll begin to build amazing web applications step by step, systematically adding essential features. Along the way, you ' ll mix in important process steps like testing, multiplatform deployment, and security. Fully updated to ASP.NET 3.1, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you ' ve never worked with ASP.NET you ' ll start creating productive cross-platform web apps fast! ASP.NET Core in Action, Second Edition opens up the world of cross-platform web development with ASP.NET Core. You ' ll start with a crash course in .NET Core, then you ' ll begin to build amazing web applications step by step, systematically adding essential features. Along the way, you ' ll mix in important process steps like testing, multiplatform deployment, and security. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Kindle EditionsThe 201 on Building Web API with ASP.NET Core MVC - Book 1: Application CoreThe 201 on Building Web API with ASP.NET Core MVC - Book 2: Application InfrastructureThe 201 on Building Web API with ASP.NET Core MVC, is an intermediate-level

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guide on using ASP.NET Core and ASP.NET Core MVC's extensibility points to solve problems, as you build a web API using ASP.NET Core MVC. ASP.NET Core MVC is a powerful framework and out of box, it gets you far. But there are scenarios where you will want to go even farther to get things done. If you are one of those who has gone through the framework 101 and has a need to see farther, this book is for you. This book employs a problem-solution format so that you can read the topics that are of interest to you, in any order. Action constraints Action results Application model conventions Application parts Authentication middleware Batching messages Binding source value providers Filter factories Filter providers Formatters Localization Loggers and logger Providers Middleware Model binders Request validation Resource, Result, Exception, Action Filters Value providers

Use ASP.NET Core 2 to create durable and cross-platform web APIs through a series of applied, practical scenarios. Examples in this book help you build APIs that are fast and scalable. You ' ll progress from the basics of the framework through to solving the complex problems encountered in implementing secure RESTful services. The book is packed full of examples showing how Microsoft ' s ground-up rewrite of ASP.NET Core 2 enables native cross-platform applications that are fast and modular, allowing your cloud-ready server applications to scale as your business grows. Major topics covered in the book include the fundamentals and core concepts of ASP.NET Core 2. You'll learn about building RESTful APIs with the MVC pattern using proven best practices and following the six principles of REST. Examples in the book help in learning to develop world-class web APIs and applications that can run on any platform, including Windows, Linux, and MacOS. You can even deploy to

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Microsoft Azure and automate your delivery by implementing Continuous Integration and Continuous Deployment pipelines. What You Will Learn Incorporate automated API tooling such as Swagger from the OpenAPI specification Standardize query and response formats using Facebook ' s GraphQL query language Implement security by applying authentication and authorization using ASP.NET Identity Ensure the safe storage of sensitive data using the data protection stack Create unit and integration tests to guarantee code quality Who This Book Is For Developers who build server applications such as web sites and web APIs that need to run fast and cross platform; programmers who want to implement practical solutions for real-world problems; those who want in-depth knowledge of the latest bits of ASP.NET Core 2.0

This book discusses the development of API Services using GraphQL on top of the ASP.NET Core framework. GraphQL is a language for querying or manipulating resources or data against data sources such as databases. In addition, graphql also provides a runtime for processing queries and other graphql objects. The language and runtime were originally built by Facebook in 2012 to be used internally. In 2015 graphql began to be published in open source to the public. GraphQL provides another alternative for developing api services besides those based on REST. Several leading companies including Facebook itself already use graphql such as github, pinterest, airbnb, paypal, twitter, and others. There are several things that distinguish graphql from rest services, including: - GraphQL provides data according to your needs, nothing less and nothing more. Output data properties or columns can be determined dynamically, in contrast to rest services that have determined data from any

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column to be displayed. - GraphQL provides one endpoint for all resources or all data provided, in contrast to rest api that provides resources or data through multiple endpoints or multiple controllers. - The data response displayed from graphql will be structurally the same as the data structure requested by the client. - GraphQL can provide multiple resources or data in one request. Rest services should provide it with multiple urls. The topics described in this book start from the explanation of graphql & asp.net core architecture; installation of the necessary libraries; creation of asp.net core web in visual studio; use of ef core for database access sql server & postgresql; use of queries and mutations; use of tools for graphql access; use of logging and data loaders; real-time services with subscription; implementation of asp.net core identity; use of jwt authentication; deployment; and many more. The discussion in this book is carried out in stages, so that it is hoped that after studying it, readers will have sufficient skills or abilities to build GraphQL-based services with ASP.NET Core according to the needs in the field. Hopefully this book can be another alternative as a learning resource for exercises, tutorials, or a reference for those who want to learn the backend programming of GraphQL API Services with ASP.NET Core that is connected to SQL Server and PostgreSQL databases.

ASP.NET Web API 2 Recipes provides you with the code to solve a full range of Web API problems and question marks that you might face when developing line-of-business applications. ASP.NET Web API 2 Recipes gives you an in-depth explanation for each of these scenarios and shows you how to use Web API with a vast array of .NET application development tools and external libraries, to solve common business problems. Find out how

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you can build custom web services with ASP.NET Web API more efficiently than ever.

ASP.NET Web API is a key part of ASP.NET MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. With such wide accessibility, securing your code effectively needs to be a top priority. You will quickly find that the WCF security protocols you ' re familiar with from .NET are less suitable than they once were in this new environment, proving themselves cumbersome and limited in terms of the standards they can work with. Fortunately, ASP.NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP.NET MVC programming model and secures your code without the need for SOAP, meaning that there is no limit to the range of devices that it can work with – if it can understand HTTP, then it can be secured by Web API. These SOAP-less security techniques are the focus of this book. What you ' ll learn Identity management and cryptography HTTP basic and digest authentication and Windows authentication HTTP advanced concepts such as web caching, ETag, and CORS Ownership factors of API keys, client X.509 certificates, and SAML tokens Simple Web Token (SWT) and signed and encrypted JSON Web Token (JWT) OAuth 2.0 from the ground up using JWT as the bearer token OAuth 2.0 authorization codes and implicit grants using DotNetOpenAuth Two-factor authentication using Google Authenticator OWASP Top Ten risks for 2013Who this book is for No prior experience of .NET security is needed to read this book. All security related concepts will be introduced from first-principles and developed to the point where you can use them confidently in a

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professional environment. A good working knowledge of and experience with C# and the .NET framework are the only prerequisites to benefit from this book. Table of Contents
Welcome to ASP.NET Web API Building RESTful Services Extensibility Points HTTP Anatomy and Security Identity Management Encryption and Signing Custom STS through WIF Knowledge Factors Ownership Factors Web Tokens OAuth 2.0 Using Live Connect API OAuth 2.0 From the Ground Up OAuth 2.0 Using DotNetOpenAuth Two-Factor Authentication Security Vulnerabilities Appendix: ASP.NET Web API Security Distilled

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