

# Aspnet Web Api 2 Recipes A Problem Solution Approach

ASP. NET Core 2. However, basic programming knowledge is assumed. Style and approach Start an exciting journey to building high performance web applications using ASP. NET Core 2. Moving on, we'll explain how to take advantage of widely used frameworks such as Model View Controller and Entity Framework Core 2 and you'll learn how to secure your applications. The book starts with a brief introduction to the ASP. NET Core 2. 0 web applications, you'll dive deeper into more complex concepts and scenarios. NET Core 2. NET Core 2. NET Core 2. 0 web applications. NET Core 2. This book can also help people, who work in infrastructure engineering and operations, to monitor and diagnose problems during the runtime of ASP. 0 Leverage the MVC framework and Entity Framework Core 2 to build efficient applications Learn to deploy your web applications in new environments such as the cloud and Docker Who This Book Is For This book is for developers who would like to build modern web applications with ASP. 0 that have high levels of customer satisfaction and adoption. What You Will Learn Set up your development environment using Visual Studio 2017 and Visual Studio Code Create a fully automated continuous delivery pipeline using Visual Studio Team Services Get to know the basic and advanced concepts of ASP. 0 with detailed examples Build an MVC web application and use Entity Framework Core 2 to access data Add Web APIs to your web applications using RPC, REST, and HATEOAS Authenticate and authorize users with built-in ASP. NET or. NET Core framework and the improvements made in the

latest release, ASP. Learn how web applications can be built efficiently using ASP. 0 features Use Azure, Amazon Web Services, and Docker to deploy and monitor your applications In Detail The ability to develop web applications that are highly efficient but also easy to maintain has become imperative to many businesses. Finally, we'll show you how to deploy and monitor your applications using Azure, AWS, and Docker. 0 and related frameworks About This Book Get to grips with the new features and APIs introduced in ASP. 0 and MVC. NET Core 2. Once you understand the basic structure of ASP. No prior knowledge of ASP. NET Core is required. You will then build, test, and debug your first web application very quickly. NET Core 2. NET Core 2. 0 is an open source framework from Microsoft, which makes it easy to build cross-platform web applications that are modern and dynamic. After reading the book, you'll be able to develop efficient and robust web applications in ASP. NET Core 2. Additionally, previous Visual Studio experience will be helpful but is not required, since detailed instructions will guide through the samples of the book. This book will take you through all of the essential concepts in ASP. NET Core 2. 0, so you can learn how to build powerful web applications

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We hope you find this book useful in shaping your future career. pw Rise Press. NET Web API 2: Beginner Guide provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. Thought-provoking and accessible in approach, this updated and expanded second edition of the ASP. Feel free to send us your enquiries related to our publications to [info@risepress](mailto:info@risepress). A flowing writing style combines with the use of illustrations and 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

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Silverlight offers a flexible programming model that supports a number of different programming languages and techniques (making it cross-platform) and all major browsers (cross-browser support). 1 Recipes is brought to the market immediately surrounding the actual Silverlight 1. Silverlight 1. Readers will enjoy the \"cut-and-paste\" ready solutions that give lots of bang for their buck. 1 RTM to target developers interested in practical, ready-to-use code pieces. Microsoft Silverlight is a cross-browser, cross-platform plug-in like Flash that delivers rich interactive applications for the Web 65d93692dc

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 more efficiently than ever. 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 you can build custom web services with ASP. ASP 65d93692dc

NET MVC 2 Cookbook will provide solutions for the very specific problems that are encountered while developing applications with the ASP. NET MVC platform. NET MVC Cookbook is a collection of recipes that will help you to perform your routine development tasks with ease using the ASP. It then gradually moves on to cover many advanced routing techniques. NET MVC platform A fast-paced cookbook with recipes covering all that you wanted to know about developing with ASP. It also contains a chapter that is packed with many recipes that demonstrate how to gain control of data within a view. Annotation ASP. NET MVC is filled with so many features that developers end up looking for solutions to the many problems that are encountered in their routine development tasks. Considering the importance of having a consistent structure to the site, the book contains recipes to show how to build a consistent UI and control its look with master pages. NET MVC framework. However, ASP. Therefore, this book also focuses on tools and features that make

building large applications easier to manage. It consists of many recipes containing step-by-step instructions that guide developers to effectively use the wide array of tools and features of ASP. The book starts off with recipes that demonstrate how to work effectively with views and controllers \_ two of the most important ingredients of the ASP. The focus of the book is to describe the solution from start to finish. In this book you will be walked through the solution to several specific web application development problems. Finally, the book demonstrates how to enhance the user experience of your visitors by controlling the data at the application, session, caching, and cookie level. NET MVC. NET MVC platform for web development ASP. By the end of this book, you will have explored a wide array of tools and features available with the ASP. As the book progresses through some exciting recipes on performing complex tasks with forms, you will discover how easy it is to work with forms to jazz up the look of your web site. NET MVC, one of the latest web development platforms from Microsoft, brings the power of MVC programming to ASP. NET MVC platform. It simplifies the task of application development and maintenance for developers. Each recipe will walk you through the creation of a web application, setting up any Visual Studio project requirements, adding in any external tools, and finally the programming steps needed to solve the problem. As data plays an important role in the MVC architecture, there are ample recipes dedicated to cover data validation, access, and storage techniques. Building large applications with ease is one of the prime features of the MVC model. NET development. ASP 65d93692dc

NET TestingChapter 12: XML Testing. If you develop, test, or manage. NET environment and covers API testing thoroughly. You ll come away from the book knowing how to write production-quality combination and permutation methods. Additional material covers SQL stored procedure testing techniques. NET programming. It also discusses lightweight, custom Windows application UI automation and teaches you low-level web application UI automation. The book presents practical techniques for writing lightweight software test automation in a. NET software, you will find. Chapter 1: API TestingChapter 2: Reflection-Based UI TestingChapter 3: Windows-Based UI TestingChapter 4: Test

Harness Design PatternsChapter 5: Request-Response TestingChapter 6: Script-Based Web UI TestingChapter 7: Low-Level Web UI TestingChapter 8: Web Services TestingChapter 9: SQL Stored Procedure TestingChapter 10: Combinations and PermutationsChapter 11: ADO. The examples in this book have been successfully used in seminars and teaching environments where they have proven highly effective for students who are learning intermediate-level. NET Test Automation Recipes: A Problem-Solution Approach very useful 65d93692dc

NET Web API provides you with a hands-on and code-focused demonstration of the ASP. NET Web API Building Performant Web API. NET Web API framework works in a realistic setting. NET Web API Securing ASP. What you'll learn What ASP. A good working knowledge of C# and the. NET developer who wants to learn how the ASP. You'll learn how you can validate the request messages on arrival, how you can create loosely coupled controllers, extend the pipeline processing to compartmentalize your code for security and unit testing before being put onto a live hosting server. NET Web API is and how it can be used effectively Ways to optimize your code for readability and performance What controller dependencies are and why they matter How to maintain robust security across your projects Reliable best-practices for using Web API in a professional context Who this book is for The book is ideal for any. Later in the book more sophisticated themes will be introduced that will set your applications apart from the crowd. Beginning with an overview of the web service model in general and Web API in particular, you'll progress quickly to a detailed exploration of the request binding and response formatting that lie at the heart of Web API. Practical ASP. NET framework and a familiarity with Visual Studio are the only pre-requisites to benefit from this book Table of Contents Building a Basic Web API Debugging HTTP Formatting CLR Objects into HTTP Response Customizing Response Binding HTTP Request into CLR Objects Validating Request Managing Controller Dependencies Extending Pipeline Hosting ASP. NET Web API in action. NET Web API Consuming ASP. From the very beginning, you'll be writing working code in order to see best practices and concepts in action. As the book progresses, the concepts and code will become more sophisticated. You'll

investigate various scenarios and see how they can be manipulated to achieve the results you need 65d93692dc

ASP. With such wide accessibility, securing your code effectively needs to be a top priority. All security related concepts will be introduced from first-principles and developed to the point where you can use them confidently in a professional environment. 0 from the ground up using JWT as the bearer token OAuth 2. Fortunately, ASP. 0 Using Live Connect API OAuth 2. 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. 509 certificates, and SAML tokens Simple Web Token (SWT) and signed and encrypted JSON Web Token (JWT) OAuth 2. Table of Contents Welcome to ASP. A good working knowledge of and experience with C# and the. NET security is needed to read this book. Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. NET Web API is a key part of ASP. 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. 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 MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP. NET framework are the only prerequisites to benefit from this book. 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. These SOAP-less security techniques are the focus of this book. 0 Using DotNetOpenAuth Two-Factor Authentication Security Vulnerabilities Appendix: ASP. NET Web API Security Distilled. You will quickly find that the WCF security protocols you're familiar with from. 0 From the Ground Up OAuth 2. 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 65d93692dc

Programmers: protect and defend your Web apps against attack. NET, but if you don't understand how to secure your applications, you need this book. You may know ASP. This vital guide explores the often-overlooked topic of teaching programmers how to design ASP. Shows you step by step how to implement the very latest security techniques Reveals the secrets of secret-keeping—encryption, hashing, and not leaking information to begin with Delves into authentication, authorizing, and securing sessions Explains how to secure Web servers and Web services, including WCF and ASMX Walks you through threat modeling, so you can anticipate problems Offers best practices, techniques, and industry trends you can put to use right away Defend and secure your ASP. 5 basics and see happens when you don't implement security, including some amazing examples. You'll start with a thorough look at ASP. NET Web applications so as to prevent online thefts and security breaches. NET 3. 5 framework Web sites with this must-have guide. NET 3. The book then delves into the development of a Web application, walking you through the vulnerable points at every phase. Learn to factor security in from the ground up, discover a wealth of tips and industry best practices, and explore code libraries and more resources provided by Microsoft and others 65d93692dc

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Access power users and programmers at all levels, from the relatively inexperienced to the most sophisticated, will rely on the Access Cookbook for quick solutions to gnarly problems. This updated new edition also covers Access and SharePoint, Access and SmartTags, Access and. Each of the \"recipes\" examine a particular problem--problems that commonly occur when you push the upper limits of Access, or ones that are likely to trip up a developer attempting to design a more elegant Access application--even some things you never knew Access could do. NET; and Access and

XML. Not a reference book, and not a tutorial either, the new second edition of the highly regarded Access Cookbook is an uncommonly useful collection of solutions to problems that Access users and developers are likely to face as they attempt to build increasingly complex applications. Fully updated for Access 2003, Access Cookbook, Second Edition is also one of the first books to thoroughly explore new support for. The authors then, in a clear, accessible, step-by-step style, present the problems' solution. All of the practical, real-world examples have been tested for compatibility with Access 2003, Windows XP, and Windows Server 2003. Following each \"recipe\" are insights on how Access works, potential pitfalls, interesting programming techniques that are used in the solution, and how and why the solution works, so you can adapt the problem-solving techniques to other similar situations. With a dog-eared copy of Access Cookbook at your side, you can spend your time and energy where it matters most: working on the interesting facets of your Access application, not just the time-consuming ones. Although using any single \"recipe\" in the book will more than pay back the cost of the book in terms of both hours saved and frustration thwarted, Access Cookbook, Second Edition is much more than a handy assortment of cut-and-paste code. NET managed code and XML 65d93692dc

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. NET platform. 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. Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP. 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. 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. NET platform 65d93692dc

Illustrations and annotated code make learning visual and easy. NET CORE 1 Getting started with ASP. 0, ASP. NET skills. Even if you've never worked with ASP. And don't worry about late-breaking changes to ASP. NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP. NET Core since before its first release. NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and. Developers love ASP. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. NET Core 5. NET Core 5. Master logins, dependency injection, security, and more. About the book ASP. 0 offers new features for server-side apps, as well as background services for cross-platform development. Summary Fully updated to ASP. NET you'll start creating productive cross-platform web apps fast. Version 5. NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP. NET Core. NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with HttpClientFactory 22 Building background tasks and services 23 Testing your application. NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP. Go from basic HTTP concepts to advanced framework customization. About the technology Build full-stack web applications that run anywhere. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. Go from basic HTTP concepts to advanced framework customization. Table of Contents PART 1 - GETTING STARTED WITH ASP. What's inside Developing apps for Windows and non-Windows

servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. NET 5. ASP. NET Core for its libraries and pre-built components that maximize productivity. About the author Andrew Lock is a Microsoft MVP who has worked with ASP 65d93692dc

This book lets readers get down and dirty with Spring code for immediate copy/paste into the reader's specific application development project. Spring Framework 2 Recipes by Gary Mak is the newest, latest Spring book from Apress and its Spring from the Source series 65d93692dc

This book tackles common problems and scenarios that on-the-job developers face every day by revealing code and detailed solutions. You'll find problems stated clearly and succinctly, artful solutions explored, and ample discussion of the code and context so you're immediately clear how the solution will support your project. NET Framework integration, the use of dynamic languages like Python and Ruby in Silverlight development, and digital rights management support Find instant solutions, comprehensive Silverlight coverage, and time-saving expert advice, all in Silverlight Recipes: A Problem-Solution Approach. Silverlight Recipes: A Problem-Solution Approach is your practical companion to developing rich, interactive web applications with Microsoft's latest technology. The recipes included in Silverlight Recipes: A Problem-Solution Approach have been carefully selected and tested with the professional developer in mind. Enjoy practical coverage of Silverlight development in many projects and contexts, including: Designing complete, rich, interactive user experiences Manipulating content and the runtime environment through the Silverlight Plug-in Runtime API Consuming, transforming, and displaying content in your Silverlight web application through XML, LINQ-based data access, and isolated storage Building custom controls for your Silverlight project Integrating rich media, including audio and video, to create a very dynamic user interface and experience Using new Silverlight features, including. You'll quickly be able to integrate real-world, functioning code into your applications—and save hours of coding time 65d93692dc

The book presents practical techniques for writing lightweight software test automation in a .NET software, you will find. Additional material covers SQL stored procedure testing techniques. .NET Test Automation Recipes: A Problem-Solution Approach very useful. It also discusses lightweight, custom Windows application user interface automation and teaches you low-level web application user interface automation. The examples in this book have been successfully used in seminars and teaching environments where they have proven highly effective for students who are learning intermediate-level .NET programming. .NET environment and covers API testing thoroughly. You'll come away from the book knowing how to write production-quality combination and permutation methods. If you develop, test, or manage 65d93692dc

What You'll Learn Take advantage of MVC's streamlined syntax Discover how to take full control over HTML Develop a simple API for creating RESTful web services Understand test-driven development Migrate a project from ASP. Quickly find solutions to common web development problems. Look up the problem that you want to solve. Read the solution. .NET Web Forms who would like to update their skill set to include Core MVC. ASP. In addition, parts of this book provide guidance to developers familiar with ASP. .NET Core MVC and would like to gain an understanding of the inner workings of the platform. .NET Core Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP. Problem solved. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. .NET, jQuery, React, and HTML5 to provide straightforward solutions to common web development problems using proven methods based on best practices. Author John Ciliberti guides you through the MVC framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. .NET web forms to Core MVC, including recipes for converting DataGrids, Forms, Web Parts, Master Pages, and navigation controls Use Core MVC in combination with popular JavaScript libraries,

including jQuery, React, Bootstrap, and more Write unit tests for your MVC controllers, views, custom filters, and HTML helpers Utilize the latest features in Visual Studio 2017 to accelerate your Core MVC projects Identify performance bottlenecks in your MVC application Who This Book Is For Web developers of all skill levels who are looking for a programming reference for ASP. Content is presented in the popular problem-solution format. Apply the solution directly in your own code 65d93692dc

We then cover ASP. What You Will Learn Secure your web API by enabling Secured Socket Layer (SSL) Manage your application's user accounts by integrating ASP. Good working knowledge and experience with C# and. NET Web API's security architecture, authentication, and authorization to help you secure a web API from unauthorized users. NET Web API 2. NET Identity system with ASP. NET Web API to the next level using some of the most amazing security techniques around About This Book This book has been completely updated for ASP. Take the security of your ASP. NET Web API services. NET Web API, including using SSL client certificates, and integrate the ASP. NET Web API Who This Book Is For This book is intended for anyone who has previous knowledge of developing ASP. Style and approach Each chapter is dedicated to a specific security technique, in a task-based and easy-to-follow way. You will be able to use local logins to send authenticated requests using OAuth2. NET Web API and make a well-informed decision when choosing the right security mechanism for your security requirements. NET Web API 2 that will help you to secure an ASP. NET Web API, including basic authentication using authentication filters, forms, Windows Authentication, external authentication services, and integrating ASP. NET Web API. Finally, you will discover how to enable Cross-Origin Resource Sharing (CORS) in your web API application. NET Web API such as Cross-Origin Resource Sharing (CORS) and OWIN self-hosting Learn various techniques to secure ASP. NET's Identity system An easy-to-follow guide to enable SSL, prevent Cross-Site Request Forgery (CSRF) attacks, and enable CORS in ASP. Next, you will learn how to use SSL with ASP. We'll then help you implement anti-Cross-Site Request Forgery (CSRF) measures in ASP. Most of the

chapters are accompanied with source code that demonstrates the step-by-step guidelines of implementing the technique, and includes an explanation of how each technique works. 0 including the new features of ASP. NET Web API. NET Web API applications. NET Framework are prerequisites for this book. NET's Identity system Ensure the security of your web API by implementing basic authentication Implement forms and Windows authentication to secure your web API Use external authentication such as Facebook and Twitter to authenticate a request to a web API Protect your web API from CSRF attacks Enable CORS in your web API to explicitly allow some cross-origin requests while rejecting others Fortify your web API using OAuth2 In Detail This book incorporates the new features of ASP. We'll show you how to secure a web API using OAuth2 to authenticate against a membership database using OWIN middleware. We also explain how to secure a web API using forms authentication and how users can log in with their Windows credentials using integrated Windows authentication. We start by showing you how to set up a browser client to utilize ASP. You will come to understand the need for external authentication services to enable OAuth/OpenID and social media authentication 65d93692dc

This cookbook includes more than 100 recipes to help you take advantage of REST, HTTP, and the infrastructure of the Web. Learn how to design resources to meet various application scenarios Successfully design representations and URIs Implement the hypertext constraint using links and link headers Understand when and how to use Atom and AtomPub Know what and what not to do to support caching Learn how to implement concurrency control Deal with advanced use cases involving copying, merging, transactions, batch processing, and partial updates Secure web services and support OAuth. Each recipe includes one or two problem statements, with easy-to-follow, step-by-step instructions for solving them, as well as examples using HTTP requests and responses, and XML, JSON, and Atom snippets. You'll learn ways to design RESTful web services for client and server applications that meet performance, scalability, reliability, and security goals, no matter what programming language and development framework you use.

You'll also get implementation guidelines, and a discussion of the pros, cons, and trade-offs that come with each solution. While the REST design philosophy has captured the imagination of web and enterprise developers alike, using this approach to develop real web services is no picnic 65d93692dc

A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. We hope you find this book useful in shaping your future career. This succinct and enlightening overview is a required reading for advanced graduate-level students. pw Rise Press. 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. Feel free to send us your enquiries related to our publications to [info@risepress](mailto:info@risepress). Thought-provoking and accessible in approach, this updated and expanded second edition of the ASP 65d93692dc

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. The book is packed full of examples showing how Microsoft's ground-up rewrite of ASP. You'll learn about building RESTful APIs with the MVC pattern using proven best practices and following the six principles of REST. You'll progress from the basics of the framework through to solving the complex problems encountered in implementing secure RESTful services. NET Core 2. Examples in this book help you build APIs that are fast and scalable. NET Core 2. 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. 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. Use ASP. Major topics covered in the book include the fundamentals and core concepts of 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 to create durable and cross-platform web APIs through a series of applied, practical scenarios. You can even deploy to Microsoft Azure and automate your delivery by implementing Continuous Integration and Continuous Deployment pipelines 65d93692dc

NET MVC 4 Recipes. ASP. Dive head first into ASP. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. NET MVC 4 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP. NET MVC web development with ASP. Author John Ciliberti guides you through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices 65d93692dc

NET Framework are the only prerequisites to best benefit from this book. 1, the Web API Framework has evolved into a powerful and refreshingly usable platform. 1). Support for partial updates, or PATCH. New content in this edition includes: New capabilities in Web API 2 (currently version 2. API versioning. The ASP. Now in release version 2. NET Web API Framework raised the bar to a whole new level. No prior experience with ASP. Support for legacy SOAP-based

operations. 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. How to handle non-resource APIs using REST How to best 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. This concise book provides technical background and guidance that will enable you to best use 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 2 Framework to build world-class REST services 65d93692dc

You gain insight into what models are, how to bind them, and how to migrate database using the correct model. You also learn the advanced concepts, such as designing Rest Buy (a RESTful shopping cart application), creating entities for it, and creating EF context and migrations. By the time you are done reading the book, you will be able to optimally use ASP. NET MVC applications for SEO Optimize applications with performance analysis and improvement steps Improve application performance, security, and data access to optimize the overall development process Deploy an ASP. You learn all about views, from what is the Razor view engine to tagging helpers. NET, you learn about validation and routing. NET Core or you want to become a pro in building web applications using the Microsoft technology, this is the ideal book for you. What you will learn Work with basic programming constructs using the Razor view engine Use flexibility and data compartmentalization of ViewModel Build a custom route for ASP. NET MVC application in a non-Windows environment Who this book is for If you are looking to build web applications using ASP. Key Features Adopts the application-centric approach to explain core concepts Covers industry-best practices to build flexible, robust applications Shows how to enhance your applications by adding more functionalities Book Description The book sets the stage with an introduction to web applications and helps you build an understanding of the tried-and-true MVC architecture. As you get comfortable with the world of ASP. NET Core 2. With this book, you can gain skills to develop real-world applications with ASP. NET

to develop, unit test, and deploy applications like a pro. Imagine the boost in business if you can build large, rich web applications with little code and built-in Windows authentication. Prior exposure and understanding of C#, JavaScript, HTML, and CSS syntax is assumed 65d93692dc

Other recipes cover topics such as using and integrating Boot with Spring's enterprise services, Spring Integration, testing, monitoring and more. What You'll LearnGet reusable code recipes and snippets for the Spring Boot 2 micro-framework Discover how Spring Boot 2 integrates with other Spring APIs, tools, and frameworks Access Spring MVC and the new Spring Web Sockets for simpler web development Work with microservices for web services development and integration with your Spring Boot applications Add persistence and a data tier seamlessly to make your Spring Boot web application do more Integrate enterprise services to create a more complex Java application using Spring Boot Who This Book Is For Experienced Java and Spring programmers. You'll also get solutions to common problems with persistence, integrating Spring Boot with batch processing, algorithmic programming via Spring Batch, and much more. Solve all your Spring Boot 2 problems using complete and real-world code examples. When you start a new project, you'll be able to copy the code and configuration files from this book, and then modify them for your needs. This can save you a great deal of work over creating a project from scratch. Using a problem-solution approach, Spring Boot 2 Recipes quickly introduces you to Pivotal's Spring Boot 2 micro-framework, then dives into code snippets on how to apply and integrate Spring Boot 2 with the Spring MVC web framework, Spring Web Sockets, and microservices 65d93692dc

If you are a .NET developer who is looking for a simpler way to build services, this is the book for you. It will show you how to write fast, maintainable APIs that are a pleasure to use and maintain starting from the database to the client and everything in-between 65d93692dc

Employ Spring Integration, Spring Batch and jBPM with Spring to bring your application's architecture to the next level. Use Spring's remoting, and messaging support to distribute your application, or bring your application to the cloud with GridGain and Terracotta. Build Spring enterprise and Java EE applications from the ground up using recipes from this book as templates to get you started, fast. 0, the latest version available, and a framework-related suite of tools, extensions, plug-ins, modules, and more—all of which you may want and need for building three-tier Java EE applications. The Spring framework is a widely adopted enterprise and general Java framework. The release of Spring Framework 3. 0 has added many improvements and new features for Spring development. This key book focuses on Spring Framework 3. Written by Gary Mak, author of the bestseller Spring Recipes, and Josh Long, an expert Spring user and developer, Spring Enterprise Recipes is one of the first books on Spring 3 65d93692dc

NET Web API 2 for MVC Developers provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. Thought-provoking and accessible in approach, this updated and expanded second edition of the Expert ASP. This succinct and enlightening overview is a required reading for advanced graduate-level students. Feel free to send us your enquiries related to our publications to info@risepress. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. pw Rise Press. We hope you find this book useful in shaping your future career 65d93692dc

Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. Fortunately, ASP. NET Web API is a key part of ASP. With such wide accessibility, securing your code effectively needs to be a top priority. ASP. You will quickly find that the WCF security protocols you're familiar with from. 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. NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP. NET MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. These SOAP-less security techniques are the focus of this book. 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 65d93692dc

5 Recipes: A Problem Solution Approach focuses on the latest available Spring 2. x fundamentals that you require for building a three tier Java EE application with web interface and database persistence. Spring 2. x version. The release of Spring framework 2. 0 has added many improvements and new features to the 1 65d93692dc

NET MVC 4 is your perfect book. Nor will you find any help on the Razor view engine, HTML Helpers, or model binding. NET MVC 4 and the Web API in more depth and detail than any other resource. NET MVC 4 Framework to build world-class REST services using the Web API. NET MVC Framework can do, and focuses exclusively on how the Web API can help you build web services. Author Jamie Kurtz will take you from zero to full-blown REST service hero in no time at all. If you need this information then Pro ASP. This one hundred page book focuses exclusively on how you can best use the ASP. It sets aside much of what the ASP. And you'll even learn how to incorporate some popular open source tools along the way: little or no experience with ASP. NET MVC has always been a good platform on which to implement REST, but with the advent of the Web API it has now become even better. ASP. This book will show you why it's great and how to get the most from it. NET MVC 4 and the Web API: Building a REST Service from Start to Finish helps you build cutting-edge REST services using ASP. NET or the MVC Framework is required. ASP. You will not find any help on CSS, HTML, JavaScript, or jQuery 65d93692dc

NET Starter Kit that was developed in the bestselling ASP. NET 2. NET MVC is a new development model that separates code for the data, look, and business processes of a Web site. Solution. Design. 0 Website Programming: Problem. Perfectly suited to the innovative Problem. Additional coverage includes registration and membership systems and user-selectable themes; content management systems for articles and photos; polls, mailing lists, and forums; e-commerce stores, shopping carts, and order management with real-time credit card processing, and more. Design. TheBeerHouse. The material is based on the highly praised and widely used. Solution approach, ASP. This nuts-and-bolts guide thoroughly covers creating a Web site with MVC and discusses solving the most common problems that you may encounter when creating your first application or trying to upgrade a current application. ASP 65d93692dc

This book helps you rejuvenate your Java expertise and put the platform's latest capabilities to use in quickly developing robust applications. What You Will LearnDevelop enterprise Java applications using the now open source Jakarta EE platform Create great-looking user interfaces using Jakarta Server Faces and the Eclipse Krazo framework Build database applications using Jakarta Enterprise Beans and Jakarta RESTful web services Automate testing through cohesive test suites built on Arquillian for Jakarta EE applications Deploy microservices applications in cloud environments using Docker Secure applications utilizing the Jakarta EE Security API and JSON Web Tokens Who This Book Is For Java developers interested in quickly finding effective and proven solutions without reading through a lengthy manual and scrubbing for techniques. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. This book provides effective and proven code snippets that you can immediately use to accomplish just about any task that you may encounter. This is the ideal book for the code-focused programmer interested in keeping up with the future of enterprise development on the Java Platform. Examples in Jakarta EE Recipes highlight Jakarta EE's capabilities, helping you to build streamlined and reliable applications using the latest in Java technologies. The book takes a problem-solution approach in which each section introduces a common

programming problem, showing you how to best solve that problem using the latest features in Jakarta EE. Solutions are presented in the form of working code examples that you can download and use immediately in your own projects. Java EE was made open source under the Eclipse Foundation, and Jakarta EE is the new name for what used to be termed the Java Enterprise Edition Platform. Clear descriptions are given so you can understand and learn to build further on the solutions that are provided. If you are new to Jakarta EE, this book will help you learn features of the platform, and benefit from one of the most widely used and powerful technologies available for application development today. Take a problem-solution approach to programming enterprise Java applications and microservices for cloud-based solutions, enterprise database applications, and even small business web applications 65d93692dc

NET Core MVC - Book 1: Application CoreThe 201 on Building Web API with ASP. NET Core MVC. NET Core and ASP. NET Core MVC, is an intermediate-level guide on using ASP. Kindle EditionsThe 201 on Building Web API with ASP. 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. 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. NET Core MVC's extensibility points to solve problems, as you build a web API using ASP. NET Core MVC - Book 2: Application InfrastructureThe 201 on Building Web API with ASP. 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 65d93692dc

If you want to build your own application but don't know where to start, then this is the book for you. Using practical examples, this guide will walk you through the ins and outs of web application development with easy step-by-step

instructions. With easy-to-follow, step-by-step and real-life examples, you will be building your own applications in a matter of weeks not years. The Packt Beginner's Guide format is designed to make you as comfortable as possible

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You will test your knowledge as you build a fully working sample application using the skills you've learned throughout the book. You will find out how to optimize your application for SEO, identify and secure vulnerabilities, and how to successfully deploy and maintain your application. NET Core, and includes material from the following Packt books: Learning ASP. This guide will help you in building applications that can be deployed on non-Windows platforms such as Linux. Create fast, scalable, and high-performance applications with C# and ASP. NET MVC solutions. NET Core 1. NET Core MVC helps you build robust web applications using the Model-View-Controller design. NET Core, those who want to make a career building web applications using Microsoft technology, and those who are working on other web frameworks and want to learn ASP. NET Core About This Book Get first-principle coverage of the latest ASP. NET Core Discover common areas you might encounter performance problems with and areas you don't need to worry about Who This Book Is For This book is for developers who want to learn to build web applications using ASP. NET Core MVC Find out how to bring together the capabilities and features of both Angular 2 and ASP. 0 High Performance. NET Core is the new, open source, and cross-platform, web-application framework from Microsoft. NET Core and Angular 2 perfectly complement each other Handle requests and actions using server-side and client-side Routing Create a Data Model using Entity Framework Core Learn how to use Angular 2 components and master directives Improve performance at the network level and I/O level, and how to optimize the application as a whole Monitor performance as part of Continuous Integration and regression testing In Detail ASP. NET Core and Angular 2, and ASP. Moving forward, this guide will teach you to combine the impressive capabilities of ASP. NET. NET MVC Create a Controller with action methods Build a view using several features of the Razor View engine Construct a Model for ASP. Style and approach This learning

path takes a first-principles approach to help you understand and implement ASP. Find out how to get your data model in place and manage an API, before styling and designing your frontend for an exceptional user experience. NET Core MVC Programming, ASP. Integrating your application with Bootstrap, validating user input, interacting with databases, and deploying your application are some of the things that you will learn to execute with this fast-paced guide. You will learn about the core architecture of model, view, and control. Not only will you learn how Angular 2 can complement your. Starting with an overview of the MVC pattern, you will quickly dive into the aspects that you need to know to get started with ASP. What You Will Learn Get to know the concepts of ASP. NET Core. From here, you will delve into the latest frameworks and software design patterns to improve your application performance. NET skills and toolkit, you'll also learn everything you need to build a complete, dynamic single-page application. NET Core MVC application Find out how the features of ASP. ASP. The course offers premium, highly practical content on the recently released ASP. NET Core and Angular 2 65d93692dc

NET Web API, you can build HTTP-based web services for your company or business, expose your data to the world across different formats and devices and gain the best possible global reach for your application. NET Web API is a new framework designed to simplify web service architecture. To start with, you'll get up to speed on Web API's modern HTTP programming model, REST and your hosting options. ASP. With Pro ASP. You'll then dive into building a real application over a series of three chapters, so you can get an immediate feel for how this technology works in practice. NET. NET Web API makes HTTP a first-class citizen of. ASP. The second half of the book features dedicated chapters on topics like routing, controllers, validation and tracing, and the authors close with discussions on performance, hosting and an all-important look at unit testing to help you prepare your application for the real world. Pro ASP. NET Web API shows you how to build flexible, extensible web services that run seamlessly on a range of operating systems and devices, from desktops to tablets to smart phones—even the ones we don't know today. So if you're tired of

interoperability issues between inflexible web services and clients tied to specific platforms or programming languages, or if you've ever struggled with WCF, this book is for you 65d93692dc

You should be an intermediate level C# developer with some experience in object-oriented programming (OOP), generics, and reflection. The book presupposes that you have a solid C# foundation since the language won't be explained in any detail. 1 Web API by implementing three different scenarios in a Web API application from scratch using an empty project template. The content in this book will get you started with Web APIs in a fast, no-fluff way. Technologies, frameworks and languages you will use:\* Postman (To send requests and receive responses from the Web API)\* Visual Studio 2017\* ASP. The goal is to learn ASP. You will learn ASP. The second service will implement the same interface that the in-memory service uses to interact with a SQL Server database using Entity Framework. Sincerely, Jonas Fagerberg Now click the Buy button and start reading the book. \* Add and modify entity models to perform CRUD operations against the database. NET Core 1. 1 MVC/Web API (The framework that you will use)\* Services (To provide you own functionality as a reusable service)\* Middleware (To provide you own functionality to HTTP Request pipeline)\* Entity Framework (To crate and communicate with a database)\* LINQ (To query the database)\* Dependency Injection (To inject objects into constructors)\* NuGet (To install necessary libraries) What you will implement:\* A Web API application from an empty template. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. com Code: <https://github>. NET Core 1. The first service will use in-memory data stored in collections to make it easier for you to learn Web API basics. 1 Web API by adding middleware and services one piece at a time, building a basic application. The third service will be generic, using reflection in one of its methods. NET Core 1. NET Core 1. NET Core 1. 1 Web API by building three services that handle data used in four controllers. com/csharpschool/AspNetCoreWebAPI Errata: <https://github>. Feel free to contact me at: csharpschoolonline@gmail. An empty template will be used to build the Web API application from the ground up. 1 Web

APIs. NET Core 1. I hope you love the book. Generics will make it possible to reuse the same methods when interacting with all tables in the database instead of creating a set of methods for each table.

com/csharpschool/AspNetCoreVideo/issues This book is primarily aimed at developers who want to learn how to build ASP. 1 Web APIs; no user interface will be built; instead, you will use a tool called Postman to make requests and to receive responses from the Web API. The goal is to get you familiar with ASP. \* Create a \"real world\" code-first database using Entity Framework Core. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. It's important to mention that this book is practical and tactical, where you will learn as you progress through the modules and build a real Web API step-by-step. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Want to learn how to build ASP. Prerequisites:\* C# (Intermediate level; including Generics, Reflection and Object-Oriented Programming (OOP)) Need help 65d93692dc

Provides information on data analysis from a vareity of social networking sites, including Facebook, Twitter, and LinkedIn 65d93692dc

0 web applications. 0 applications using HTTP services with WebApi Learn to unit-test, load test, and perform test applications using client-side and server-side frameworks Debug, monitor and troubleshoot ASP. Net Core 2. 0, you'll also have a reference you can keep coming back to whenever you need to get the job done. Next, it shows you how to work with Inversion of Control data pattern and caching. Whether you've just started out or are a seasoned pro, the Asp. We explore everyday ASP. Net Core 2. NET Core 2. js modules, and NuGet. NET developer who wants to deliver professional-standard software, quickly and efficiently. It provides better control, support for test-driven development, and cleaner code. NET development cycle. Finally, we lead you through migrating, hosting, and deploying your code. 0

Cookbook is written for you. It's filled with hands-on recipes, practical advice, and guidance to help developers with every aspect of the ASP. 0 Framework has been designed to meet all the needs of today's web developers. It explores setting up. NET Core MVC 2. Learn to implement ASP. By the end of the book, you'll not only have explored every aspect of ASP. 0-specific changes and provides general MVC development recipes. NET Core MVC 2. 0 Coverage of Bootstrap, Angular, and JavaScript lets you supercharge your frontend Book Description The ASP. NET Core features to build effective software that can be scaled and maintained easily Key Features Practical solutions to recurring issues in the web development world Recipes on the latest features of ASP. NET Core 2. NET Core, Visual Studio 2017, Node. What you will learn Build ASP. NET Core 2. Net Core 2. Net Core 2. 0 patterns and go beyond it into troubleshooting. It covers Visual Studio 2017- and ASP. Moreover, it's lightweight and allows you to run apps on Windows, OSX and Linux, making it the most popular web framework with modern day developers. This book takes a unique approach to web development, using real-world examples to guide you through problems with ASP. 0 applications using popular tools Reuse components with NuGet and create modular components with middleware Create applications using client-side technologies such as HTML5, JavaScript, jQuery, and Angular Build responsive and dynamic UIs for your MVC apps using Bootstrap Leverage tools like Karma, Jasmine, QUnit, xUnit, Selenium, Microsoft Fakes, and Visual Studio 2017 Enterprise Who this book is for This book is written for the ASP 65d93692dc

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