

Asp Net Web Services

Practical ASP.NET Web API provides you with a hands-on and code-focused demonstration of the ASP.NET Web API in action. 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. 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. You'll investigate various scenarios and see how they can be manipulated to achieve the results you need. Later in the book more sophisticated themes will be introduced that will set your applications apart from the crowd. 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. What you'll learn What ASP.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 .NET developer who wants to learn how the ASP.NET Web API framework works in a realistic

setting. A good working knowledge of C# and the .NET framework and a familiarity with Visual Studio are the only pre-requisites to benefit from this book

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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.

ASP.NET Web API is a new framework designed to simplify web service architecture. 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. To start with, you'll get up to speed on Web API's modern HTTP programming model, REST and your hosting options. 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. 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. ASP.NET Web API makes HTTP a first-class citizen of .NET. With Pro ASP.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.

Identifies differences between active server pages (ASP) and the new ASP.NET, and explains how to develop internet applications with Visual Studio .NET technology. The authors describe changes in the control model, the event model, and the separation of code from presentation, and introduce the capabilities offered by web services, web forms, HttpHandlers, HttpModules, and the XML data format. The final chapter overviews the common types of database operations performed with ADO.NET. Annotation copyrighted by Book News, Inc., Portland, OR.

Provides information on Web site development using ASP.NET 2.0.

Programming ASP.NET

Proceedings of the First International Conference on Intelligent Computing and Communication

Clean Architecture

Architecture and Implementation

A Problem-Solution Approach

Performance Tuning and Optimizing ASP.NET

Applications

Programming Data-Driven Web Applications with ASP.NET provides readers with a solid understanding of ASP.NET and

how to effectively integrate databases with their Web sites. The key to making information instantly available on the Web is integrating the Web site and the database to work as one piece. The authors teach this using ASP.NET, server-side controls, ADO+, XML, and SOAP. The authors will teach readers how to manage data by using ASP.NET forms, exposing data through ASP+ Web Services, working with BLOBs, and using cookies and other features to secure their data.

This book is a comprehensive guide that walks the reader through developing and consuming XML Web Services using the .NET platform and ASP.NET. It begins with an overview of the .NET framework and an explanation of the process behind XML Web Services, and then quickly delves into building and consuming Web Services. Included will be discussions of proxies, classes, SOAP, Global XML Web Services Architecture, WSDL, UDDI, and Disco. The book will also cover the important issue of security and how to apply encryption and signing. This book is the reader's guide to advanced XML Web Services such as error and exception handling, configuration, and optimization.

Design and build Web APIs for a broad range of clients—including browsers and mobile devices—that can adapt to change over time. This practical, hands-on guide takes you through the theory and tools you need to build evolvable HTTP services with Microsoft's ASP.NET Web API framework. In the process, you'll learn how design and implement a real-world Web API. Ideal for experienced .NET developers, this book's sections on basic Web API theory and design also apply to developers who work with other development stacks such as Java, Ruby, PHP, and Node. Dig into HTTP essentials, as well as API development concepts and styles Learn ASP.NET Web API fundamentals, including the lifecycle of a request as it travels through the framework Design the Issue Tracker API example, exploring topics such as hypermedia support with

collection+json Use behavioral-driven development with ASP.NET Web API to implement and enhance the application Explore techniques for building clients that are resilient to change, and make it easy to consume hypermedia APIs Get a comprehensive reference on how ASP.NET Web API works under the hood, including security and testability

If you are a .NET developer who wants to develop end-to-end RESTful applications in the cloud, then this book is for you. A working knowledge of C# will help you get the most out of this book.

.NET Web Services Solutions

Pro ASP.NET 3.5 in C# 2008

C# Web Services

XML Web Services with ASP.NET

Pro ASP.NET 2.0 in VB 2005, Special Edition

Advanced Web Services

Building Complete E-commerce/Shopping Cart Application Key Features Follow best practices and explore techniques such as clustering and caching to achieve a reactive, scalable web service Leverage the .NET Framework to quickly implement RESTful endpoints. Learn to implement a client library for a RESTful web service using ASP.NET Core. Book Description REST is an architectural style that tackles the challenges of building scalable web services. In today's connected world, APIs have taken a central role on the web. APIs provide the

fabric through which systems interact, and REST has become synonymous with APIs. The depth, breadth, and ease of use of ASP.NET Core makes it a breeze for developers to work with for building robust web APIs. This book takes you through the design of RESTful web services and leverages the ASP.NET Core framework to implement these services. This book begins by introducing you to the basics of the philosophy behind REST. You'll go through the steps of designing and implementing an enterprise-grade RESTful web service. This book takes a practical approach, that you can apply to your own circumstances. This book brings forth the power of the latest .NET Core release, working with MVC. Later, you will learn about the use of the framework to explore approaches to tackle resilience, security, and scalability concerns. You will explore the steps to improve the performance of your applications. You'll also learn techniques to deal with security in web APIs and discover how to implement unit and integration test strategies. By the end of the book, you will have a complete

understanding of Building a client for RESTful web services, along with some scaling techniques. What you will learn Add basic authentication to your RESTful API Create a Carts Controller and Orders Controller to manage and process Orders Intercept HTTP requests and responses by building your own middleware Test service calls using Postman and Advanced REST Client Secure your data/application using annotations Who this book is for This book is intended for those who want to learn to build RESTful web services with the latest .NET Core Framework. To make best use of the code samples included in the book, you should have a basic knowledge of C# and .NET Core.

Leverage ASP.Net Web API to build professional web services and create powerful applications. About This Book Get a comprehensive analysis of the latest specification of ASP.NET Core and all the changes to the underlying platform that you need to know to make the most of the web API See an advanced coverage of ASP.NET Core Web API to create robust models for your data, create controllers, and handle routing

and security This book is packed with key theoretical and practical concepts that can be instantly applied to build professional applications using API with Angular 4, Ionic, and React Who This Book Is For This book is for .Net developers who wants to Master ASP.NET Core (Web API) and have played around with previous ASP.NET Web API a little, but don't have in-depth knowledge of it. You need to know Visual Studio and C#, and have some HTML, CSS, and JavaScript knowledge. What You Will Learn Acquire conceptual and hands-on knowledge of ASP.NET Core (MVC & Web API) Learn about HTTP methods, the structure of HTTP content, internet media types, and how servers respond to HTTP requests and their associated HTTP codes Explore middleware, filters, routing, and unit testing Optimize Web API implementations Develop a secure Web API interface Deploy Web API projects to various platforms Consume your web API in front end application based on Angular 4, Bootstrap, and Ionic Implement and explore the current trends in service architecture In Detail Microsoft has unified their main web

development platforms. This unification will help develop web applications using various pieces of the ASP.NET platform that can be deployed on both Windows and LINUX. With ASP.NET Core (Web API), it will become easier than ever to build secure HTTP services that can be used from any client. Mastering ASP.NET Web API starts with the building blocks of the ASP.NET Core, then gradually moves on to implementing various HTTP routing strategies in the Web API. We then focus on the key components of building applications that employ the Web API, such as Kestrel, Middleware, Filters, Logging, Security, and Entity Framework. Readers will be introduced to take the TDD approach to write test cases along with the new Visual Studio 2017 live unit testing feature. They will also be introduced to integrate with the database using ORMs. Finally, we explore how the Web API can be consumed in a browser as well as by mobile applications by utilizing Angular 4, Ionic and ReactJS. By the end of this book, you will be able to apply best practices to develop complex Web API, consume them in frontend applications and deploy these

applications to a modern hosting infrastructure. Style and approach Using a hands-on approach, we cover both the conceptual as well as the technical aspects of the ASP.NET Core (Web API) framework.

This complete, comprehensive reference is for both experienced Perl programmers and beginners. The book includes all the basic documentation for the core Perl languages.

Quickly find solutions to common web development problems. Content is presented in the popular problem-solution format. Look up the problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved! ASP.NET Core Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, React, and HTML5 to provide straightforward solutions to common web development problems using proven methods based on best practices. 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. 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. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. 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.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.NET Core MVC and would like to gain an understanding of the inner workings of the platform. In addition, parts of this book provide guidance to developers familiar with ASP.NET Web Forms who would like to update their skill set to include Core MVC.

Core Internet Application Development Using ASP.NET 2.0

Visual Basic .NET Developer's Guide to ASP.NET, XML, and ADO.NET

Professional ASP.NET 1.1

Moving To ASP.NET

ASP.NET MVC 4 and the Web API

Building a REST Service from Start to Finish

O'Reilly has once again updated its bestselling tutorial on ASP.NET, the world's leading web development tool from Microsoft. In Programming ASP.NET, Third Edition, authors Jesse Liberty and Dan Hurwitz give you the lowdown on the technology's latest version, ASP.NET 2.0, as well as Visual Studio 2005. Among the most significant improvements to ASP.NET 2.0 are new server controls and services that make you dramatically more productive. In fact, when compared to its predecessor, ASP.NET 2.0 reduces the amount of code you have to write by about 75%. Creating interactive web applications has never been easier-but that still doesn't mean

it's hassle-free! The difficulty in ASP.NET 2.0 is that it's so complete and flexible that there are many pieces that must be woven together to build a robust, scalable, and efficient application. Fortunately, *Programming ASP.NET, Third Edition* is on the case, dispensing all the information you need to be effective with this dynamic tool. For starters, the book features a comprehensive tutorial on Web Forms, the user interface that gives web applications their look and feel. It then offers detailed explanations of all new controls, including web server controls, HTML controls, and custom controls. Used properly, these controls are able to take care of nearly all the foundation work—security, data access, layout, etc.—that you would normally have to write yourself. Free of these burdensome tasks, you can instead focus on your specific application. Other new material found in this updated edition even shows you how to create ASP.NET 2.0 pages for mobile devices. With *Programming ASP.NET, Third Edition* at your side, there's virtually no end to the programming possibilities.

Celebrate Thanksgiving with Annie and Snowball in this Level 2 Ready-to-Read story from the Theodor Seuss Geisel Award-winning creators of *Henry and Mudge*! Annie loves fall and she especially loves Thanksgiving. There is a big table at Annie's house, and she wants lots of people around it for a yummy dinner. But Annie lives with just her dad and her bunny, Snowball. She doesn't have a big family of her own. Who can she invite to share Thanksgiving?

What is this book about? Written by a high-profile team of ASP.NET experts, this fully updated Professional guide enables you to take full advantage of the power and possibilities of ASP.NET 1.1. You travel beyond the basics of ASP.NET Web pages, server controls, and data management to a complete understanding of Web services, debugging, performance, migration, and real-world applications. All code

has been rechecked and verified to work correctly with ASP.NET 1.1, and enhancements like improved security and better performance are thoroughly examined and reviewed. This comprehensive, in-depth, practical guidebook enables you to master new levels of Web application development with the .NET Framework. What does this book cover? Here's what you will learn from this book: How to get started with ASP.NET and the .NET Framework Ways to create ASP.NET pages, work with server controls, and manage data Methods for developing, securing, and configuring Web applications Basics of base class libraries, components, and extensibility Security and performance improvements inherent in version 1.1 How Web services and ASP.NET function in the mobile arena Debugging, performance, migration, and interoperability Processes for applying this knowledge in real-world development contexts Who is this book for? This book is for programmers who have a solid understanding of ASP and want to develop sophisticated ASP.NET 1.1 applications using the .NET Framework. You should be familiar with VB or C-based syntax (C++, Java™, or C#).

Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The

current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

Securing ASP.NET Web API

ASP.NET Core Recipes

Developing Real-World Web Applications with ASP.NET MVC

Developing .Net Web Services With XML

Building Web Services with Microsoft Azure

Oracle Database Programming with Visual Basic.NET

The authors make performance issues the central topic, with very in-depth discussion and examples.

Read Online Asp Net Web Services

Build powerful HTTP services and make the most of the ASP.NET Web API platform

About This Book

- *Get a comprehensive analysis of the latest specification of ASP.NET MVC and all the changes to the underlying platform that you need to know to make the most of the web API*
- *See an advanced coverage of ASP.NET Web API to create robust models for your data, create controllers, and handle routing and security*
- *This book is packed with key theoretical and practical concepts that can be instantly applied to build professional applications using API with AngularJS 2 and Bootstrap*

Who This Book Is For

This book is for .Net developers who know ASP.NET MVC and have played around with ASP.NET Web API a little, but don't have in-depth knowledge of it. You need to know Visual Studio and C#, and have some HTML, CSS, and JavaScript knowledge.

What You Will Learn

- *Acquire conceptual and hands-on knowledge of ASP.NET MVC 6's Web API*
- *Explore OWIN and Project Katana*
- *Optimize Web API implementations*
- *Develop a secure Web API interface*
- *Deploy Web API projects*

to various platforms*Ensure your web application based on Angular 2 and Bootstrap flourishes*Implement and explore the current trends in service architectureIn DetailWith ASP.NET MVC 6, Microsoft is unifying their main web development platforms. This unification will help develop web applications using various pieces of the ASP.NET platform as per the requirements of the developers.Mastering ASP.NET Web API starts with the building blocks of the MVC 6 Web API, then gradually moves on to implementing various HTTP routing strategies in Web API. We then focus on the key components of building applications that employ Web API such as OWIN and Project Katana. Finally, we explore how Web API can be consumed in a browser as well as by mobile applications by utilizing Angular 2 and Bootstrap.By the end of this book, you will be able to apply best practices to develop complex front-end applications and deploy these applications to a modern hosting infrastructure.

.NET Application Development with C#, ADO.NET, ASP.NET and Web Services
Hanspeter Mossenbock Wolfgang Beer

Dietrich Birngruber Albrecht Wo
Microsoft's .NET architecture has brought a quiet revolution to the development of modern applications, particularly in the areas of Internet programming and web services. This book provides a technical introduction to the full spectrum of .NET technologies, including - A comprehensive tutorial on the C# programming language - An introduction to the Common Language Runtime (CLR), allowing programmers to mix and match different languages - An overview of the .NET class library, containing over 2,000 useful classes and interfaces to reuse in your applications - A guide to database programming with ADO.NET - A description of ASP.NET for building dynamic web pages - Examples of web services which allow applications to cooperate across the Internet using SOAP and HTTP protocols. - A concise description of the most important tools under .NET - A preview of the new features of .NET 2.0, the next release of the .NET Framework. Programmers who wish to gain an understanding of how to use .NET tools in novel applications

will benefit from the hands-on guidance in this book. Students will find it to be an ideal text for courses on C#, Web programming or component technology. More than 100 exercises at the end of every chapter make the book ideally suited for self-study. Sample solutions to the exercises as well as tutorial material, software and links can be found on <http://dotnet.jku.at>. The companion CD-ROM contains a wealth of useful tools including - Version 1.1 of the .NET Software Development Kit - The open source SharpDevelop environment for C# and VB.NET - Microsoft ASP.NET Web Matrix, an IDE for rapid application development under .NET - Webservice Studio, a tool for testing web services - The Coco/R open source compiler generator for C# including a C# grammar from which customized scanners and parsers for C# can be produced. The authors are in the Institute for Practical Computer Science at the University of Linz in Austria, and have based the book on courses and tutorials given to both students and professional programmers. This one hundred page book focuses

exclusively on how you can best use the ASP.NET MVC 4 Framework to build world-class REST services using the Web API. It sets aside much of what the ASP.NET MVC Framework can do, and focuses exclusively on how the Web API can help you build web services. You will not find any help on CSS, HTML, JavaScript, or jQuery. Nor will you find any help on the Razor view engine, HTML Helpers, or model binding. If you need this information then Pro ASP.NET MVC 4 is your perfect book. ASP.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 MVC 4 and the Web API in more depth and detail than any other resource. 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. This book will show you why it's great and how to get the most from it. Author Jamie Kurtz will take you from zero to full-blown REST service hero in no time at all. And you'll even learn how to incorporate some popular open source tools along the way: little or no

experience with ASP.NET or the MVC Framework is required.

Building Web Applications with ADO.NET and XML Web Services

Net Application Development

Building Web Services with .NET

Remoting and ASP.NET

Mastering ASP. NET Web API

Concepts, Designs, and Implementations

ASP.Net Web Developer's Guide

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.

To celebrate recent innovations, and to demonstrate Apress ' commitment to the ASP.NET market, we are publishing a special edition of Pro ASP.NET 2.0 in VB 2005, with new chapters

explaining how to use these important new technologies. On top of the book 's already extensive coverage, readers will learn how to create Ajax and Atlas applications in ASP.NET 2.0. They will be treated to a deeper coverage of ASP.NET 2.0 Performance Tuning and will be given a slew of bonus material to truly make this special edition special. This includes a free eBook of the title 's content and a bonus 150 page eBook of carefully selected ASP.NET 2.0 articles.

A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and other features and tools to create a variety of applications, including Web services. Original. (Advanced)

.NET Web Services Solutions offers just what its title states: practical solutions to the real challenges you face as you use .NET to create applications that communicate with web services and--more to the point--to build and deploy web services of your own. By the time you're done, you'll understand how the web services platform works, because chapter by chapter you get all the hands-on instruction, detailed examples, and inside advice you need to make your project succeed. For example, you'll learn to connect to a database using ADO.NET operations, carry out the exchange of binary files, and extend the reach of your web service so that it touches e-mail, fax machines, mobile devices, and remote PCs. You'll master techniques for making your web service available to other programs--but you'll also discover ways to control its availability through authentication and encryption. Kris Jamsa's expert coverage goes above and beyond, providing advanced optimization tips, including instructions for implementing asynchronous operations. He also shows you a

neat trick for calling a web service from within an HTML page using JavaScript. Want an even neater trick? Check out the section on making money with your web service, where you'll find a billing model that will work for you. The final chapter brings it all together, walking you through a cohesive, highly functional example of an employment web service.

Web Development with VB .NET

Programming Data-driven Web Applications with ASP.NET

Building RESTful Web Services with .NET Core

Programming ASP.NET MVC 4

Mastering Visual Studio .NET

The .NET and COM Interoperability Handbook

Web services are perhaps the most important feature of .NET development. They take componentization to a new level by allowing method calls to be made over the Internet or over an intranet using standard protocols such as HTTP and SOAP. This means that the calling application needs to know nothing about the internal implementation of the service - a web service built in C# on the .NET platform will (in theory) be indistinguishable from one built on Linux using Java.

ASP.Net Web Developer's Guide provides information to make use of Microsoft's newest Web development platform. ASP.NET is a revolutionary programming framework that enables the rapid development of powerful web applications and services. Part of the emerging Microsoft .NET

Platform, it provides the easiest and most scalable way to build, deploy and run distributed web applications that can target any browser or device. ASP.NET (formerly referred to as ASP+) is more than the next version of Active Server Pages (ASP); it is a unified Web development platform that provides the services necessary for developers to build enterprise-class Web applications. ASP .net Web Developer's Guide assists Web developers to quickly and easily build solutions for the Microsoft .NET platform. Programmers who are expert in asp and other languages will find this book invaluable. This book will appeal to all web developers - regardless of what language they are using or what platform they will be using. Comprehensive Coverage of the Entire .net Framework for B2B commerce.

Prepare for the next generation of the internet with this in-depth, developer's guide to the .Net framework that utilizes XML to achieve greater flexibility of information and increased interoperability. Developing .Net Web Services with XML introduces readers to the foundation for the .Net platform. The book covers the history, applications and implementation of the Extensible Markup

Language within Microsoft's .NET framework. Readers will be given a thorough introduction to .NET and its XML building blocks while acquiring a firm grasp of how those blocks can be used to build any Web site or service so that it will federate and collaborate seamlessly with others Equips developers with the tool necessary to take advantage of the next generation of the internet This book will provide web developers with a firm understanding of XML, the building block of the .Net framework Includes practical, real-life applications using XML Unrivalled web based support: Readers can receive up-to-the minute links, white papers and analysis for two years at solutions@syngress.com

Practical Software Architecture Solutions from the Legendary Robert C. Martin ("Uncle Bob") By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder, legendary software craftsman Robert C. Martin ("Uncle Bob") reveals those rules and helps you apply them. Martin's Clean Architecture doesn't merely present

options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you'll face—the ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's merely a "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager—and for every programmer who must execute someone else's designs. Register your product for

convenient access to downloads, updates, and/or corrections as they become available.

HTTP Web Services in ASP.NET

PROFESSIONAL ASP.NET WEB SERVICES

Programming .NET Web Services

Practical ASP.NET Web API

Microsoft.NET XML Web Services

Pro ASP.NET Web API

ASP.NET 3.5 is Microsoft's revolutionary ASP.NET technology. It is the principal standard for creating dynamic web pages on the Windows platform. Pro ASP.NET 3.5 in C# 2008 raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution. Seasoned .NET professionals Matthew MacDonald and Mario Szpuszta explain how you can get the most from this groundbreaking technology. They cover ASP.NET 3.5 as a whole, illustrating both the brand-new features and the functionality carried over from previous versions of ASP. This book will give you the knowledge you need to code real ASP.NET 3.5 applications in the best possible style.

Web services and Service-Oriented Computing (SOC) have become thriving areas of academic research, joint university/industry research projects, and novel IT products on the market. SOC is the computing paradigm that uses Web services as building blocks for the engineering of composite, distributed applications out of the reusable application logic encapsulated by Web services. Web services could be considered the

best-known and most standardized technology in use today for distributed computing over the Internet. This book is the second installment of a two-book collection covering the state-of-the-art of both theoretical and practical aspects of Web services and SOC research and deployments. Advanced Web Services specifically focuses on advanced topics of Web services and SOC and covers topics including Web services transactions, security and trust, Web service management, real-world case studies, and novel perspectives and future directions. The editors present foundational topics in the first book of the collection, Web Services Foundations (Springer, 2013). Together, both books comprise approximately 1400 pages and are the result of an enormous community effort that involved more than 100 authors, comprising the world's leading experts in this field.

The book covers a wide range of topics in Computer Science and Information Technology including swarm intelligence, artificial intelligence, evolutionary algorithms, and bio-inspired algorithms. It is a collection of papers presented at the First International Conference on Intelligent Computing and Communication (ICIC2) 2016. The prime areas of the conference are Intelligent Computing, Intelligent Communication, Bio-informatics, Geo-informatics, Algorithm, Graphics and Image Processing, Graph Labeling, Web Security, Privacy and e-Commerce, Computational Geometry, Service Orient Architecture, and Data Engineering.

The Comprehensive Guide to ASP.NET 2.0 for

Experienced Developers ASP.NET 2.0 represents a true breakthrough in Web development technology and delivers unprecedented power, flexibility, and efficiency. If you're an experienced programmer who wants to build production-quality Web applications and services with ASP.NET 2.0, this book is the deepest, most practical tutorial you can find. Randy Connolly introduces today's best practices for every facet of ASP.NET 2.0 development. He illuminates ASP.NET 2.0 Web server control architecture, sophisticated user interface capabilities, and navigation controls. He presents systematic, practical coverage of ASP.NET 2.0 data integration, state management, personalization, and more. As with all books in the Prentice Hall Core Series, Core Internet Application Development with ASP.NET 2.0 focuses on solving serious problems with professional-quality code. With practical insights into everything from data binding to security, this is the ASP.NET 2.0 book you've been searching for: a definitive guide to building industrial-strength Web solutions. This Book Delivers Best practices for architecting and implementing state-of-the-art Web applications and services Expert insight into the entire ASP.NET development process, from design through deployment Hundreds of professional-quality code examples, including complete applications and business objects In-depth coverage of the latest ASP.NET features, including master pages, new data source controls, and ASP.NET AJAX (a.k.a. "Atlas") Every Core Series Book Demonstrates practical techniques used by professional developers Features

robust, thoroughly tested sample code and realistic examples Focuses on the cutting-edge technologies you need to master today Provides expert advice that will help you build superior software Preface Acknowledgments About the Author Part I: Core ASP.NET Chapter 1: Introducing ASP.NET 2.0 Chapter 2: How ASP.NET Works Chapter 3: Working with the Standard Web Server Controls Chapter 4: The Additional Standard Web Server Controls Chapter 5: Exception Handling and Validation Controls Chapter 6: Customizing and Managing Your Site's Appearance Chapter 7: ASP.NET Site Navigation Part II: Working with Data Chapter 8: Data Binding and Representation Chapter 9: Using ADO.NET Chapter 10: Data Controls Chapter 11: Designing and Implementing Web Applications Chapter 12: Managing ASP.NET State Part III: Implementing Web Applications Chapter 13: Security, Membership, and Role Management 833 Chapter 15: Web Services Chapter 16: Internationalization and Deployment Appendix: ASP.NET AJAX Sneak Peek Index With C#, ASP.NET, ADO.NET, and Web Services Designing Evolvable Web APIs with ASP.NET Design production-ready, testable, and flexible RESTful APIs for web applications and microservices Developing Distributed Web Services to improve scalability with .NET Core 2.0 and ASP.NET Core 2.0 Pro ASP.NET Web API Security Mastering ASP.NET Web API **Get up to speed with the latest features of C# 8, ASP.NET Core 3 and .NET Core 3.1**

LTS to create robust and maintainable web services Key FeaturesApply design patterns and techniques to achieve a reactive, scalable web serviceDocument your web services using the OpenAPI standard and test them using PostmanExplore mechanisms to implement a secure web service using client-side SSL and token authenticationBook Description In recent times, web services have evolved to play a prominent role in web development. Applications are now designed to be compatible with any device and platform, and web services help us keep their logic and UI separate. Given its simplicity and effectiveness in creating web services, the RESTful approach has gained popularity, and this book will help you build RESTful web services using ASP.NET Core. This REST book begins by introducing you to the basics of the REST philosophy, where you'll study the different stages of designing and implementing enterprise-grade RESTful web services. You'll also gain a thorough understanding of ASP.NET Core's middleware approach and learn how to customize it. The book will later guide you through improving API resilience, securing your service, and applying different design patterns and techniques to achieve a scalable web service. In

addition to this, you'll learn advanced techniques for caching, monitoring, and logging, along with implementing unit and integration testing strategies. In later chapters, you will deploy your REST web services on Azure and document APIs using Swagger and external tools such as Postman. By the end of this book, you will have learned how to design RESTful web services confidently using ASP.NET Core with a focus on code testability and maintainability. What you will learn Gain a comprehensive working knowledge of ASP.NET Core Integrate third-party tools and frameworks to build maintainable and efficient services Implement patterns using dependency injection to reduce boilerplate code and improve flexibility Use ASP.NET Core's out-of-the-box tools to test your applications Use Docker to run your ASP.NET Core web service in an isolated and self-contained environment Secure your information using HTTPS and token-based authentication Integrate multiple web services using resiliency patterns and messaging techniques Who this book is for This book is for anyone who wants to learn how to build RESTful web services with the ASP.NET Core framework to improve the scalability and performance of their applications. Basic knowledge of C# and

.NET Core will help you make the best use of the code samples included in the book. Provides information on using ASP.NET MVC 4 to build server-side Web applications. This book will therefore serve as both an introductory title and an in-depth reference that will grow with the reader as they begin to create their own Web Services. They will come to understand what Web Services are, where they fit into the 'big picture' and will have many coding examples to choose from within the first five chapters. As they begin to "get serious" about developing enterprise level Web Services, they will be able to refer back to the detailed information about the classes that implement Web Services and come to a deeper understanding of what is happening behind the scenes.

Steve Harris shows current .NET developers (with programming experience) a brand new programming model that lets them immediately use ASP.NET to create Web applications, including both Web Form applications and Web Services.

NET Web Services

ASP.NET 2.0 Cookbook

A Craftsman's Guide to Software Structure and Design

Building Web Applications and Services with ASP.NET 2.0

C# 2008 Programming: Covers .Net 3.5 Black Book, Platinum Ed Hands-On RESTful Web Services with ASP.NET Core 3

COM/COM+. and .NET will need to interoperate for a long time to come as companies undergo the migration to .NET. Gordon's book is a natural fit for anyone with COM applications that need to work with .NET, as it provides practical migration advice for developers moving their applications from COM/COM+ to .NET.