

Msdn Solution Folders

Professional Visual Studio 2017 Professional Visual Studio 2012 Mastering Lob Development for Silverlight 5 C# 3.0 Unleashed ASP.NET Core 5 and Angular Analysis of Machine Elements Using SOLIDWORKS Simulation 2020 Mastering Visual Studio .NET Business Process Management Workshops ASP.NET Web API 2: Building a REST Service from Start to Finish Refactoring with Microsoft Visual Studio 2010 Microsoft Exchange Server 2013 Unleashed Practical Virtualization Solutions Professional ASP.NET 4 in C# and VB Windows 7 Annoyances Exam Ref 70-481 Essentials of Developing Windows Store Apps Using HTML5 and JavaScript (MCSD) Hands-On Object-Oriented Programming with C# Programming with Microsoft Visual Basic .NET Professional K2 blackpearl ASP.NET for Developers "Our Folder" ... C# 10 and .NET 6 - Modern Cross-Platform Development Professional ASP.NET Design Patterns Programming Microsoft SQL Server 2000 with Microsoft Visual Basic .NET Building Bioinformatics Solutions 2nd Edition InfoWorld iPhoto 09 for Mac OS X Monitoring Exchange Server 2007 with System Center Operations Manager Managing Microsoft Exchange Server Professional SharePoint 2013 Development eBook and SharePoint-videos.com Bundle Professional ASP.NET 2.0 Delivering Business Intelligence with Microsoft SQL Server 2005 C# 2005 For Dummies HTML and CSS Web Standards Solutions Pro ASP.NET 2.0 E-Commerce in C# 2005 Oracle Database Programming with Visual Basic.NET Database Programming with C# Building RESTful Web Services with .NET Core Learning C# 2005 Photo-era Building Google Cloud Platform Solutions

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Monitoring Exchange Server 2007 with System Center Operations Manager Aug 06 2020 System Center Operations Manager 2007 is the new version of Microsoft Operations Manager 2005 and offers valuable new advantages for improving the manageability of Microsoft servers and applications. With this book, you'll get high-level instruction for using Microsoft's powerful server administration tool to manage Exchange Server 2007. Focused on monitoring and managing Exchange

Server using Microsoft's powerful new server admin tool, this book delivers exactly the information you need to deploy, manage, and maintain Systems Center Operations Manager 2007.

***Delivering Business Intelligence with Microsoft SQL Server 2005* Apr 01 2020**
Transform disparate enterprise data into actionable business intelligence Put timely, mission-critical information in the hands of employees across your organization using Microsoft SQL Server 2005 and the comprehensive information in this unique resource. *Delivering Business Intelligence with Microsoft SQL Server 2005* shows you, step-by-step, how to author, customize, and distribute information that will give your company the competitive edge. It's all right here--from data mining, warehousing, and scripting techniques to MDX queries, KPI analysis, and the all-new Unified Dimensional Model. Real-world examples, start-to-finish exercises, and downloadable code throughout illustrate all of the integration, analysis, and reporting capabilities of SQL Server 2005.

***Analysis of Machine Elements Using SOLIDWORKS Simulation 2020* May 27 2022**
Analysis of Machine Elements Using SOLIDWORKS Simulation 2020 is written primarily for first-time SOLIDWORKS Simulation 2020 users who wish to understand finite element analysis capabilities applicable to stress analysis of mechanical elements. The focus of examples is on problems commonly found in introductory, undergraduate, Design of Machine Elements or similarly named courses. In order to be compatible with most machine design textbooks, this text begins with problems that can be solved with a basic understanding of mechanics of materials. Problem types quickly migrate to include states of stress found in more specialized situations common to a design of mechanical elements course. Paralleling this progression of problem types, each chapter introduces new software concepts and capabilities. Many examples are accompanied by problem solutions based on use of classical equations for stress determination. Unlike many step-by-step user guides that only list a succession of steps, which if followed correctly lead to successful solution of a problem, this text attempts to provide insight into why each step is performed. This approach amplifies two fundamental tenets of this text. The first is that a better understanding of course topics related to stress determination is realized when classical methods and finite element solutions are considered together. The second tenet is that finite element solutions should always be verified by checking, whether by classical stress equations or experimentation. Each chapter begins with a list of learning objectives related to specific capabilities of the SOLIDWORKS Simulation program introduced in that chapter. Most software capabilities are repeated in subsequent examples so that users gain familiarity with their purpose and are capable of using them in future problems. All end-of-chapter problems are accompanied by evaluation "check sheets" to facilitate grading assignments.

***Building Bioinformatics Solutions 2nd Edition* Nov 08 2020** This book introduces the reader to all the key concepts and technologies needed to begin developing their own bioinformatics tools. The new edition includes more bioinformatics-specific content and a new chapter on good software engineering practices to help people working in teams.

***Hands-On Object-Oriented Programming with C#* Jul 17 2021** Enhance your

programming skills by learning the intricacies of object oriented programming in C# 8 Key Features Understand the four pillars of OOP; encapsulation, inheritance, abstraction and polymorphism Leverage the latest features of C# 8 including nullable reference types and Async Streams Explore various design patterns, principles, and best practices in OOP Book Description Object-oriented programming (OOP) is a programming paradigm organized around objects rather than actions, and data rather than logic. With the latest release of C#, you can look forward to new additions that improve object-oriented programming. This book will get you up to speed with OOP in C# in an engaging and interactive way. The book starts off by introducing you to C# language essentials and explaining OOP concepts through simple programs. You will then go on to learn how to use classes, interfaces and properties to write pure OOP code in your applications. You will broaden your understanding of OOP further as you delve into some of the advanced features of the language, such as using events, delegates, and generics. Next, you will learn the secrets of writing good code by following design patterns and design principles. You'll also understand problem statements with their solutions and learn how to work with databases with the help of ADO.NET. Further on, you'll discover a chapter dedicated to the Git version control system. As you approach the conclusion, you'll be able to work through OOP-specific interview questions and understand how to tackle them. By the end of this book, you will have a good understanding of OOP with C# and be able to take your skills to the next level. What you will learn Master OOP paradigm fundamentals Explore various types of exceptions Utilize C# language constructs efficiently Solve complex design problems by understanding OOP Understand how to work with databases using ADO.NET Understand the power of generics in C# Get insights into the popular version control system, Git Learn how to model and design your software Who this book is for This book is designed for people who are new to object-oriented programming. Basic C# skills are assumed, however, prior knowledge of OOP in any other language is not required.

Professional K2 blackpearl May 15 2021 K2 blackpearl and the K2 platform is a large, powerful, "game-changing" application platform built on Microsoft technologies. Understanding it from top to bottom would be a great task for a single person, which is why we have gathered more than a dozen authors to supply you with the information to successfully transform your company into a process-oriented, efficient business that can grow with the K2 platform. Since this is the first book on K2 blackpearl, you will find a broad range of topics in this book, from the market in which K2 blackpearl is aimed to the architecture of the platform, from how to approach process design to developing your own custom user manager. The first part of the book is meant for everyone and provides an understanding of K2 blackpearl and where it fits in the marketplace. It is included to provide a framework for thinking about various aspects of process-driven applications, including how they differ from business process management techniques; identifying processes in your company to automate, the different pieces that make up a process; measuring the success of your efforts; and finally shifting your company's culture in the direction of process efficiency. This section may be the only section you need to read if you are sponsoring a process

improvement effort in your company. If you are responsible for leading the effort, make sure to read Chapters 3 and 4. The other parts are meant to provide details on how to effectively deploy and use K2 blackpearl and include a broad range of topics. Read what you are most interested in, but also make sure to read Chapter 8, which will give you a great foundation to start designing processes with K2 blackpearl. Chapter 14 is also recommended for everyone because it provides an overview of the available K2 Designers and how you can share projects among them. K2 blackpearl is the main subject of this book, although we devote an entire chapter, Chapter 23, to the add-on product K2 connect to give you an understanding of how to bring SAP data into your processes. We also talk a bit about K2 blackpoint, particularly in the SharePoint chapters. Since K2 blackpoint is built on the K2 blackpearl foundation, many of the same concepts apply to that product as well, but we do not point out the differences between K2 blackpearl and K2 blackpoint. For that information browse to www.k2.com.

ASP.NET for Developers Apr 13 2021 Explains the features of the .NET platform and offers an introduction to Visual Basic.NET, ADO.NET, XML Web services, and provides an in-depth look at ASP.NET, discussing language, design, data services, and implementation.

Windows 7 Annoyances Sep 18 2021 Windows 7 may be faster and more stable than Vista, but it's a far cry from problem-free. David A. Karp comes to the rescue with the latest in his popular Windows Annoyances series. This thorough guide gives you the tools you need to fix the troublesome parts of this operating system, plus the solutions, hacks, and timesaving tips to make the most of your PC. Streamline Windows Explorer, improve the Search tool, eliminate the Green Ribbon of Death, and tame User Account Control prompts Explore powerful Registry tips and tools, and use them to customize every aspect of Windows and solve its shortcomings Squeeze more performance from your hardware with solutions for your hard disk, laptop battery, CPU, printers, and more Stop crashes, deal with stubborn hardware and drivers, fix video playback issues, and troubleshoot Windows when it won't start Protect your stuff with permissions, encryption, and shadow copies Secure and speed up your wireless network, fix networking woes, make Bluetooth functional, and improve your Web experience Get nearly all of the goodies in 7 Ultimate, no matter which edition you have "Blunt, honest, and awesome." --Aaron Junod, Manager, Integration Systems at Evolution Benefits "This could be the best [money] you've ever spent." --Jon Jacobi, PC World "To use Windows is to be annoyed -- and this book is the best way to solve any annoyance you come across. It's the most comprehensive and entertaining guide you can get for turning Windows into an operating system that's a pleasure to use." --Preston Gralla, author of Windows Vista in a Nutshell, and Computerworld contributing editor

ASP.NET Core 5 and Angular Jun 27 2022 Build robust modern web applications using .NET 5, Entity Framework Core, and Angular 11 Key Features Updated with the latest features and additions in ASP.NET Core 5 and Angular 11 Design, build, and deploy a Single Page Application or Progressive Web App Adopt a full stack approach to handle data management, Web APIs, application design, testing, SEO, security, and deployment Book Description Learning full-stack development

calls for knowledge of both front-end and back-end web development. ASP.NET Core 5 and Angular, Fourth Edition will enhance your ability to create, debug, and deploy efficient web applications using ASP.NET Core and Angular. This revised edition includes coverage of the Angular routing module, expanded discussion on the Angular CLI, and detailed instructions for deploying apps on Azure, as well as both Windows and Linux. Taking care to explain and challenge design choices made throughout the text, Valerio teaches you how to build a data model with Entity Framework Core, alongside utilizing the Entity Core Fluent API and EntityTypeConfiguration class. You'll learn how to fetch and display data and handle user input with Angular reactive forms and front-end and back-end validators for maximum effect. Later, you will perform advanced debugging and explore the unit testing features provided by xUnit.net (.NET 5) and Jasmine, as well as Karma for Angular. After adding authentication and authorization to your apps, you will explore progressive web applications (PWAs), learning about their technical requirements, testing, and converting SWAs to PWAs. By the end of this book, you will understand how to tie together the front end and back end to build and deploy secure and robust web applications. What you will learn

Implement a web API interface with ASP.NET Core and consume it with Angular using RxJS observables

Set up an SQL database server using a local instance or a cloud data store

Perform C# and TypeScript debugging using Visual Studio 2019

Create TDD and BDD unit tests using xUnit, Jasmine, and Karma

Perform DBMS structured logging using third-party providers such as SeriLog

Deploy web apps to Windows and Linux web servers, or Azure App Service, using IIS, Kestrel, and nginx

Who this book is for This book is for experienced ASP.NET developers who already possess some familiarity with ASP.NET Core and Angular and are looking to learn how to use them effectively together. The fully documented code samples (also available on GitHub) and the step-by-step implementation tutorials make this book easy to follow.

C# 10 and .NET 6 - Modern Cross-Platform Development Feb 09 2021 A comprehensive guide for beginners to learn the key concepts, real-world applications, and latest features of C# 10 and .NET 6 with hands-on exercises using Visual Studio 2022 and Visual Studio Code. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key Features

Explore the newest additions to C# 10, the .NET 6 class library, and Entity Framework Core 6

Create professional websites and services with ASP.NET Core 6 and Blazor

Build cross-platform apps for Windows, macOS, Linux, iOS, and Android

Book Description Extensively revised to accommodate all the latest features that come with C# 10 and .NET 6, this latest edition of our comprehensive guide will get you coding in C# with confidence. You'll learn object-oriented programming, writing, testing, and debugging functions, implementing interfaces, and inheriting classes. The book covers the .NET APIs for performing tasks like managing and querying data, monitoring and improving performance, and working with the filesystem, async streams, and serialization. You'll build and deploy cross-platform apps, such as websites and services using ASP.NET Core. Instead of distracting you with unnecessary application code, the first twelve chapters will teach you about C# language constructs and many of the .NET libraries through simple console

applications. In later chapters, having mastered the basics, you'll then build practical applications and services using ASP.NET Core, the Model-View-Controller (MVC) pattern, and Blazor. What you will learn Build rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET Core Build your own types with object-oriented programming Write, test, and debug functions Query and manipulate data using LINQ Integrate and update databases in your apps using Entity Framework Core, Microsoft SQL Server, and SQLite Build and consume powerful services using the latest technologies, including gRPC and GraphQL Build cross-platform apps using XAML Who this book is for Designed for both beginners and C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the past few years, this book doesn't need you to have any C# or .NET experience. However, you should have a general understanding of programming before you jump in.

Professional ASP.NET Design Patterns Jan 11 2021 Design patterns are time-tested solutions to recurring problems, letting the designer build programs on solutions that have already proved effective Provides developers with more than a dozen ASP.NET examples showing standard design patterns and how using them helps build a richer understanding of ASP.NET architecture, as well as better ASP.NET applications Builds a solid understanding of ASP.NET architecture that can be used over and over again in many projects Covers ASP.NET code to implement many standard patterns including Model-View-Controller (MVC), ETL, Master-Master Snapshot, Master-Slave-Snapshot, Façade, Singleton, Factory, Single Access Point, Roles, Limited View, observer, page controller, common communication patterns, and more

Building RESTful Web Services with .NET Core Sep 26 2019 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.

Professional Visual Studio 2012 Sep 30 2022 This text focuses on advanced topics and demonstrates the new features of the integrated development environment. Readers will learn the powerful and fascinating techniques without repetitive pedagogical concepts, and without feeling the burden of 'information overload'.

Learning C# 2005 Aug 25 2019 If you're a novice programmer and you want to learn C#, there aren't many books that will guide you. Most C# books are written for experienced C++ and Java programmers. That's why Jesse Liberty, author of the best-selling books *Programming C#* and *Programming ASP.NET*, has written an entry-level guide to C#. Written in a warm and friendly manner, *Learning C#* assumes no prior programming experience, and provides a thorough introduction to Microsoft's premier .NET language. The book helps you build a solid foundation in .NET, and shows you how to apply your skills through the use of dozens of tested examples. You'll learn about the syntax and structure of the C# language, including operators, classes and interfaces, structs, arrays, and strings. Better yet, this updated edition of *Learning C#* has been completely revised to include the latest additions to the C# language plus a variety of learning aids to help lock-in new knowledge and skills. Here's what's new: Extensive revisions to the text and examples to reflect C# 2005 and .NET 2.0 changes An introduction to Visual Studio 2005, the most popular tool for building Windows and web applications More than 200 questions and fully debugged programming exercises with solutions A greater emphasis on event handling New coverage of generics, generic collections, partial classes, anonymous methods and more. By the time you've finished *Learning C#*, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether, *Learning C#* will set you firmly on your way to mastering the essentials of the C# language.

Oracle Database Programming with Visual Basic.NET Nov 28 2019 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.

***Practical Virtualization Solutions* Nov 20 2021 The 100% Practical Guide to Making Virtualization Work in Real Enterprise Environments If you're involved in planning, deploying, or managing virtualization, this book brings together all the field-proven, in-the-trenches answers and solutions you'll need. Packed with examples and case studies, Practical Virtualization Solutions is a complete, self-paced, hands-on guide to creating a virtualized environment and driving maximum value from it throughout its entire lifecycle. Kenneth Hess and Amy Newman present detailed costs, schedules, and deployment plans drawn from actual enterprise virtualization projects. You'll learn what really works and what doesn't and discover powerful ways to systematically control the costs of virtualization and streamline its management. The authors offer realistic guidance on choosing the best services to virtualize; selecting the right virtualization software, hardware, and vendor partners; troubleshooting and securing virtualized environments; and much more. Along the way, they answer crucial questions IT professionals face in working with virtualization. Coverage includes Quantifying the time, hardware, labor, and downtime needed to implement virtualization Streamlining the transition from physical to virtual Comparing VMware ESXi, VMware Server, Microsoft Hyper-V, Citrix XenServer, and other virtualization technologies Identifying opportunities to reduce cost and improve flexibility with open source virtualization technologies Explaining advanced techniques for simplifying virtual machine management Defining the right role for virtualization in networking and storage Automating virtual infrastructure management tasks**

Managing Microsoft Exchange Server Jul 05 2020 A hands-on guide to Microsoft Exchange Server for experienced users offers information and solutions for

Internet integration, storage management, system security, performance management, and cost of ownership issues. Original. (Advanced).

Professional ASP.NET 2.0 May 03 2020 Provides information on the features and functions of ASP.NET 2.0, covering such topics as Web server controls, working with Master Pages, themes and skins, data binding, working with XML, and caching.

Pro ASP.NET 2.0 E-Commerce in C# 2005 Dec 30 2019 This book functions as a 'one-stop shop' for e-commerce development with ASP.NET 2.0. Everything the reader needs to know, from design and planning, through coding, to delivery and maintenance is addressed in a clear hands-on manner. The coverage complements and builds on the material in the book *Beginning ASP.NET 2.0 E-Commerce*, providing professional developers with the skills they need to create high-quality e-commerce systems that fulfill their customers' requirements. The book assumes a working familiarity with ASP.NET 2.0, but no prior expertise in e-commerce. At present, no other book addresses e-commerce on the .NET 2.0 Platform.

Professional SharePoint 2013 Development eBook and SharePoint-videos.com Bundle Jun 03 2020 **Beginning SharePoint 2013 Development eBook and SharePoint-videos.com Bundle.**

Business Process Management Workshops Mar 25 2022 Constitutes the refereed post-workshop proceedings of 9 international workshops held in Milano, Italy, in conjunction with the 6th International Conference on Business Process Management, BPM 2008, in September 2008.

"Our Folder" ... Mar 13 2021

Microsoft Exchange Server 2013 Unleashed Dec 22 2021 Presents information on the design, implementation, migration, and administration of a Microsoft Exchange Server environment.

HTML and CSS Web Standards Solutions Jan 29 2020 This book will teach you how to build hand-crafted web pages the Web Standardistas way: using well-structured XHTML for content and CSS for presentation. By embracing a web standards approach, you will hold the key to creating web sites that not only look great in all modern browsers, but also are accessible to a wide variety of audiences across a range of platforms—from those browsing on everyday computers, to those accessing the Web on the latest emerging mobile devices. Even if you're an absolute beginner in web design, this book will teach you how to build future-proof web pages the right way using easy-to-master tools which are, in most cases, free. Through 14 easy-to-follow chapters, we introduce you to the fundamentals of contemporary web design practice. Step by step we'll assemble well-structured XHTML webpages, which we'll then style using handcrafted CSS. By the end of the book, you'll have a firm knowledge of the essentials of web design: everything you need to know to move forward in your lifelong journey as a Web Standardista. To equip you on this noble quest, we've included enjoyable practical assignments at the end of each chapter. Embracing these challenges will not only teach you how to create great looking web sites that are the envy of your peers, but also equip you with an unrivaled knowledge of monkeys that journeyed to space and apes that starred in the movies—the real stars of this book. On

completion of this book not only will you be able to create well-crafted web sites, but you will have earned the badge of a Web Standardista, proving your worth as a good citizen of the Web.

Database Programming with C# Oct 27 2019 Non-VB programmers are shown how they can have the same database ease that Visual Basic programmers have: step-by-step coverage of data access in Visual Studio .NET, with example code in C#.

Exam Ref 70-481 Essentials of Developing Windows Store Apps Using HTML5 and JavaScript (MCSD) Aug 18 2021 Fully updated! Prepare for Microsoft Exam 70-481 - and help demonstrate your real-world mastery of Windows Store app development using HTML5 and JavaScript. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSD level. Focus on the expertise measured by these objectives: Design Windows Store apps Develop Windows Store apps Create the user interface Program user interaction Manage security and data This Microsoft Exam Ref: Is fully updated for Windows 8.1 and Visual Studio 2013 Organizes its coverage by objectives for Exam 70-481 Features strategic, what-if scenarios to challenge you Requires a minimum of two to five years of experience developing HTML, CSS, and JavaScript applications, including one or more years developing applications that conform to the Windows Store app guidelines

Programming Microsoft SQL Server 2000 with Microsoft Visual Basic .NET Dec 10 2020 Learn how to turn data into solutions with SQL Server 2000, Visual Basic .NET, and XML. Get a fundamental grasp of SQL Server 2000 data access, data manipulation, and data definition T-SQL programming techniques, Visual Basic .NET language enhancements, Microsoft Visual Studio .NET integrated development environment advances, and the state-of-the-art technologies of the .NET framework. If you're looking for expert insights on how to build powerful, secure solutions with SQL Server 2000 and Visual Basic .NET, this is the book for you.

Professional Visual Studio 2017 Nov 01 2022 Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS 2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the

environment to your workflow, not the other way around. Work your way through configuration, debugging, building, deployment, customizing, and more. Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

C# 3.0 Unleashed Jul 29 2022 Whether you need an approachable on-ramp to .NET or you want to enhance your skills, C# 3.0 Unleashed is a comprehensive, in-depth guide to the solutions you seek. You'll learn to do more with the new tools that are available, including Visual Studio 2008 and the .NET Framework Class Libraries. Throughout this book, you'll get a practical look at what can be the most useful tools for any given task. You'll also learn common traps to avoid and learn insightful tips that will save you time and help you be more productive. C# 3.0 Unleashed contains complete coverage of the C# programming language. The author covers all the essential syntax, but keeps the focus on practical application. The chapters are arranged to take you step-by-step from the core of the C# language to elements of the .NET Framework, and further into advanced concepts on distributed n-tier Internet applications. Additionally, C# 3.0 Unleashed shows you how to debug, monitor, and scale enterprise applications, enabling you to use the C# programming language to ship the right code at the right time. What's included in this book: A complete reference for C# syntax, object oriented programming, and component programming with C# Comprehensive data coverage through ADO.NET and LINQ An introduction to UI technologies, including Windows Forms, WPF, ASP.NET Ajax, and Silverlight Coverage of traditional ASMX and WCF Web Services Coverage of multiple .NET technologies, including networking, instrumentation, interop, and multi-threading In-depth discussion of platform concepts including CLR, Garbage Collection, Type System, Assemblies, and Code Access Security Guidance on design and architecture for a big-picture view and essential help in piecing together all you've learned

C# 2005 For Dummies Mar 01 2020 C# is Microsoft's object-oriented programming language designed for improving productivity in the development of Web applications. Fully revised for C# 2005, this book begins with creating a C# program, then moves into C# and object-oriented programming fundamentals, Windows programming with C# and Visual Studio, and debugging and error handling. A friendly, conversational approach to understanding C# is certain to get readers quickly creating applications. The CD-ROM contains all the sample code in the book as well as bonus materials.

Programming with Microsoft Visual Basic .NET Jun 15 2021 Bestselling author Michael Ekedahl's comprehensive text explores the .NET platform, discussing Visual Basic as an object-oriented, data-driven language. Tackling the numerous changes and enhancements to the .Net framework, this book is designed for individuals with little or no programming background.

Refactoring with Microsoft Visual Studio 2010 Jan 23 2022 Refactor with

Microsoft Visual Studio 2010 and evolve your software system to support new and ever-changing requirements by updating your C# code base with patterns and principles with this book and eBook.

InfoWorld Oct 08 2020 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

***Building Google Cloud Platform Solutions Jun 23 2019* Build cost-effective and robust cloud solutions with Google Cloud Platform (GCP) using these simple and practical recipes**
Key Features Explore the various service offerings of the GCP Host a Python application on Google Compute Engine Securely maintain application states with Cloud Storage, Datastore, and Bigtable
Book Description GCP is a cloud computing platform with a wide range of products and services that enable you to build and deploy cloud-hosted applications. This Learning Path will guide you in using GCP and designing, deploying, and managing applications on Google Cloud. You will get started by learning how to use App Engine to access Google's scalable hosting and build software that runs on this framework. With the help of Google Compute Engine, you'll be able to host your workload on virtual machine instances. The later chapters will help you to explore ways to implement authentication and security, Cloud APIs, and command-line and deployment management. As you hone your skills, you'll understand how to integrate your new applications with various data solutions on GCP, including Cloud SQL, Bigtable, and Cloud Storage. Following this, the book will teach you how to streamline your workflow with tools, including Source Repositories, Container Builder, and Stackdriver. You'll also understand how to deploy and debug services with IntelliJ, implement continuous delivery pipelines, and configure robust monitoring and alerts for your production systems. By the end of this Learning Path, you'll be well versed with GCP's development tools and be able to develop, deploy, and manage highly scalable and reliable applications. This Learning Path includes content from the following Packt products: **Google Cloud Platform for Developers** Ted Hunter and Steven Porter **Google Cloud Platform Cookbook** by Legorie Rajan **PS** What you will learn Host an application using Google Cloud Functions Migrate a MySQL database to Cloud Spanner Configure a network for a highly available application on GCP Learn simple image processing using Storage and Cloud Functions Automate security checks using Policy Scanner Deploy and run services on App Engine and Container Engine Minimize downtime and mitigate issues with Stackdriver Monitoring and Debugger Integrate with big data solutions, including BigQuery, Dataflow, and Pub/Sub Who this book is for This Learning Path is for IT professionals, engineers, and developers who want to implement Google Cloud in their organizations. Administrators and architects planning to make their organization more efficient with Google Cloud will also find this Learning Path useful. Basic understanding of GCP and its services is a must.

Photo-era Jul 25 2019

***ASP.NET Web API 2: Building a REST Service from Start to Finish Feb 21 2022* The ASP.NET MVC Framework has always been a good platform on which to implement REST-based services, but the introduction of the ASP.NET Web API Framework**

raised the bar to a whole new level. Now in release version 2.1, the Web API Framework has evolved into a powerful and refreshingly usable platform. This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations. How to handle non-resource APIs using REST How to best expose relationships between resources JSON Web Tokens, CORS, CSRF Get ready for authors Jamie Kurtz and Brian Wortman to take you from zero to REST service hero in no time at all. No prior experience with ASP.NET Web API is required; all Web API-related concepts are introduced from basic principles and developed to the point where you can use them in a production system. A good working knowledge of C# and the .NET Framework are the only prerequisites to best benefit from this book.

iPhoto 09 for Mac OS X Sep 06 2020 Visual QuickStart Guide —the quick and easy way to learn! With iPhoto '09 for Mac OS X: Visual QuickStart Guide, readers can start from the beginning to get a tour of the applications, or look up specific tasks to learn just what they need to know. This task-based, visual guide uses step-by-step instructions and hundreds of full-color screenshots to teach beginning and intermediate users how to make the most out of their digital photos with iPhoto '09. Perfect for anyone who needs to learn the program inside out, this guide covers everything from importing, tagging, editing, and perfecting images to creating slideshows and photo albums to easy online Web publishing. Readers will learn about everything new in iPhoto '09, including: Faces, which allows you to organize your photos based on who's in them; Places, which uses data from GPS-enabled cameras or your iPhone's camera to categorize photos by location with easily recognizable names; themed slideshows; online sharing via Facebook and Flickr with one click; enhanced photo editing tools; and more.

Mastering Visual Studio .NET Apr 25 2022 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)

Mastering Lob Development for Silverlight 5 Aug 30 2022 This highly practical, expert level tutorial teaches you to build a Line of Business application with the aid of a case study which gradually builds throughout the book. It also includes a jumpstart chapter for developers coming from other technologies. If you already have a firm grasp of Silverlight development and are keen to advance your specialist knowledge of Line of Business (LOB) application development, then Expert Line of Business Application Development for Silverlight 5: Quick Start Guide is for you. If you are a developer with experience of other technologies, you may also find this book useful.

Professional ASP.NET 4 in C# and VB Oct 20 2021 This book was written to introduce you to the features and capabilities that ASP.NET 4 offers, as well as to give you an explanation of the foundation that ASP.NET provides. We assume you have a general understanding of Web technologies, such as previous versions of

ASP.NET, Active Server Pages 2.0/3.0, or JavaServer Pages. If you understand the basics of Web programming, you should not have much trouble following along with this book's content. If you are brand new to ASP.NET, be sure to check out Beginning ASP.NET 4: In C# and VB by Imar Spaanjaars (Wiley Publishing, Inc., 2010) to help you understand the basics. In addition to working with Web technologies, we also assume that you understand basic programming constructs, such as variables, For Each loops, and object-oriented programming. You may also be wondering whether this book is for the Visual Basic developer or the C# developer. We are happy to say that it is for both! When the code differs substantially, this book provides examples in both VB and C#. This book explores the 4 release of ASP.NET. It covers each major new feature included in ASP.NET 4 in detail. The following list tells you something about the content of each chapter. Chapter 1, "Application and Page Frameworks." The first chapter covers the frameworks of ASP.NET applications as well as the structure and frameworks provided for single ASP.NET pages. This chapter shows you how to build ASP.NET applications using IIS or the built-in Web server that comes with Visual Studio 2010. This chapter also shows you the folders and files that are part of ASP.NET. It discusses ways to compile code and shows you how to perform cross-page posting. This chapter ends by showing you easy ways to deal with your classes from within Visual Studio 2010. Chapters 2, 3, and 4. These three chapters are grouped together because they all deal with server controls. This batch of chapters starts by examining the idea of the server control and its pivotal role in ASP.NET development. In addition to looking at the server control framework, these chapters delve into the plethora of server controls that are at your disposal for ASP.NET development projects. Chapter 2, "ASP.NET Server Controls and Client-Side Scripts," looks at the basics of working with server controls. Chapter 3, "ASP.NET Web Server Controls," covers the controls that have been part of the ASP.NET technology since its initial release and the controls that have been added in each of the ASP.NET releases. Chapter 4, "Validation Server Controls," describes a special group of server controls: those for validation. Chapter 5, "Working with Master Pages." Master pages provide a means of creating templated pages that enable you to work with the entire application, as opposed to single pages. This chapter examines the creation of these templates and how to apply them to your content pages throughout an ASP.NET application. Chapter 6, "Themes and Skins." The Cascading Style Sheet files you are allowed to use in ASP.NET 1.0/1.1 are simply not adequate in many regards, especially in the area of server controls. This chapter looks at how to deal with the styles that your applications require and shows you how to create a centrally managed look-and-feel for all the pages of your application by using themes and the skin files that are part of a theme. Chapter 7, "Data Binding." One of the more important tasks of ASP.NET is presenting data, and this chapter looks at the underlying capabilities that enable you to work with the data programmatically before issuing the data to a control. Chapter 8, "Data Management with ADO.NET." This chapter presents the ADO.NET data model provided by ASP.NET, which allows you to handle the retrieval, updating, and deleting of data quickly and logically. Chapter 9, "Querying with LINQ." The .NET Framework 4 includes a nice access

model language called LINQ. LINQ is a set of extensions to the .NET Framework that encompass language-integrated query, set, and transform operations. This chapter introduces you to LINQ and how to effectively use this feature in your Web applications today. Chapter 10, "Working with XML and LINQ to XML." The .NET Framework and ASP.NET 4 have many capabilities built into their frameworks that enable you to easily extract, create, manipulate, and store XML. This chapter takes a close look at the XML technologies built into ASP.NET and the underlying .NET Framework. Chapter 11, "Introduction to the Provider Model." The provider model is built into ASP.NET to make the lives of developers so much easier and more productive than ever before. This chapter gives an overview of this provider model and how it is used throughout ASP.NET 4. Chapter 12, "Extending the Provider Model." After an introduction of the provider model, this chapter looks at some of the ways to extend the provider model found in ASP.NET 4. This chapter also reviews a couple of sample extensions to the provider model. Chapter 13, "Site Navigation." Most developers do not simply develop single pages—they build applications. One of the application capabilities provided by ASP.NET 4 is the site navigation system covered in this chapter. Chapter 14, "Personalization." Developers are always looking for ways to store information pertinent to the end user. After it is stored, this personalization data has to be persisted for future visits or for grabbing other pages within the same application. The ASP.NET team developed a way to store this information—the ASP.NET personalization system. The great thing about this system is that you configure the entire behavior of the system from the web.config file. Chapter 15, "Membership and Role Management." This chapter covers the membership and role management system developed to simplify adding authentication and authorization to your ASP.NET applications. This chapter focuses on using the web.config file for controlling how these systems are applied, as well as on the server controls that work with the underlying systems. Chapter 16, "Portal Frameworks and Web Parts." This chapter explains Web Parts—a way of encapsulating pages into smaller and more manageable objects. Chapter 17, "HTML and CSS Design with ASP.NET." Visual Studio 2010 places a lot of focus on building a CSS-based Web. This chapter takes a close look at how you can effectively work with HTML and CSS design for your ASP.NET applications. Chapter 18, "ASP.NET AJAX." AJAX is an acronym for Asynchronous JavaScript and XML. In Web application development, it signifies the capability to build applications that make use of the XMLHttpRequest object. Visual Studio 2010 contains the ability to build AJAX-enabled ASP.NET applications from the default install of the IDE. This chapter takes a look at this way to build your applications. Chapter 19, "ASP.NET AJAX Control Toolkit." Along with the capabilities to build ASP.NET applications that make use of the AJAX technology, a series of controls is available to make the task rather simple. This chapter takes a good look at the ASP.NET AJAX Control Toolkit and how to use this toolkit with your applications today. Chapter 20, "Security." This chapter discusses security beyond the membership and role management features provided by ASP.NET 4. This chapter provides an in-depth look at the authentication and authorization mechanics inherent in the ASP.NET technology, as well as HTTP access types and

impersonations. Chapter 21, "State Management." Because ASP.NET is a request-response-based technology, state management and the performance of requests and responses take on significant importance. This chapter introduces these two separate but important areas of ASP.NET development. Chapter 22, "Caching." Because of the request-response nature of ASP.NET, caching (storing previous generated results, images, and pages) on the server becomes rather important to the performance of your ASP.NET applications. This chapter looks at some of the advanced caching capabilities provided by ASP.NET, including the SQL cache invalidation feature which is part of ASP.NET 4. This chapter also takes a look at object caching and object caching extensibility. Chapter 23, "Debugging and Error Handling." This chapter tells you how to properly structure error handling within your applications. It also shows you how to use various debugging techniques to find errors that your applications might contain. Chapter 24, "File I/O and Streams." This chapter takes a close look at working with various file types and streams that might come into your ASP.NET applications. Chapter 25, "User and Server Controls." Not only can you use the plethora of server controls that come with ASP.NET, but you can also use the same framework these controls use and build your own. This chapter describes building your own server controls and how to use them within your applications. Chapter 26, "Modules and Handlers." This chapter looks at two methods of manipulating the way ASP.NET processes HTTP requests: `HttpModule` and `HttpHandler`. Each method provides a unique level of access to the underlying processing of ASP.NET, and each can be a powerful tool for creating Web applications. Chapter 27, "ASP.NET MVC." ASP.NET MVC is the latest major addition to ASP.NET and has generated a lot of excitement from the development community. ASP.NET MVC supplies you with the means to create ASP.NET using the Model-View-Controller models that many developers expect. ASP.NET MVC provides developers with the testability, flexibility, and maintainability in the applications they build. It is important to remember that ASP.NET MVC is not meant to be a replacement to the ASP.NET everyone knows and loves, but instead is simply a different way to construct your applications. Chapter 28, "Using Business Objects." Invariably, you are going to have components created with previous technologies that you do not want to rebuild but that you do want to integrate into new ASP.NET applications. If this is the case, the .NET Framework makes incorporating your previous COM components into your applications fairly simple and straightforward. This chapter also shows you how to build .NET components instead of turning to the previous COM component architecture. Chapter 29, "ADO.NET Entity Framework." The inclusion of the ADO.NET Entity Framework in ASP.NET makes mapping objects from the database to the objects within your code significantly simpler. Using Visual Studio 2010, you are able to visually design your entity data models and then very easily access these models from code allowing the ADO.NET Entity Framework to handle the connections and transactions to the underlying database. Chapter 30, "ASP.NET Dynamic Data." This feature in ASP.NET 4 allows you to quickly and easily put together a reporting and data entry application from your database. You are also able to take these same capabilities and incorporate them into a pre-existing application. Chapter 31, "Working with Services." This chapter reveals

the ease not only of building XML Web services, but consuming them in an ASP.NET application. This chapter then ventures further by describing how to build XML Web services that utilize SOAP headers and how to consume this particular type of service. Another feature in ASP.NET, ADO.NET Data Services, allows you to create a RESTful service layer using an Entity Data Model. Using this capability, you can quickly set up a service layer that allows you to expose your content as AtomPub or JSON, which will allow the consumer to completely interact with the underlying database. Chapter 32, "Building Global Applications." ASP.NET provides an outstanding way to address the internationalization of Web applications. Changes to the API, the addition of capabilities to the server controls, and even Visual Studio itself equip you to do the extra work required to more easily bring your application to an international audience. This chapter looks at some of the important items to consider when building your Web applications for the world. Chapter 33, "Configuration." This chapter teaches you to modify the capabilities and behaviors of ASP.NET using the various configuration files at your disposal. Chapter 34, "Instrumentation." ASP.NET gives you greater capability to apply instrumentation techniques to your applications. The ASP.NET Framework includes performance counters, the capability to work with the Windows Event Tracing system, possibilities for application tracing (covered in Chapter 23 of this book), and the most exciting part of this discussion—a health monitoring system that allows you to log a number of different events over an application's lifetime. This chapter takes an in-depth look at this health monitoring system. Chapter 35, "Administration and Management." This chapter provides an overview of the GUI tools that come with ASP.NET today that enable you to manage your Web applications easily and effectively. Chapter 36, "Packaging and Deploying ASP.NET Applications." So you have built an ASP.NET application—now what? This chapter takes the building process one step further and shows you how to package your ASP.NET applications for easy deployment. Many options are available for working with the installers and compilation model to change what you are actually giving your customers. Appendix A, "Migrating Older ASP.NET Projects." This appendix focuses on migrating ASP.NET 1.x, 2.0, or 3.5 applications to the 4 Framework. Appendix B, "ASP.NET Ultimate Tools." Based on Scott Hanselman's annual Tools pick blog posting, many of the tools here will expedite your development process and, in many cases, make you a better developer. Appendix C, "Silverlight 3 and ASP.NET." Silverlight is a means to build fluid applications using XAML. This technology enables developers with really rich vector-based applications. Appendix D, "Dynamic Types and Languages." As of the release of ASP.NET 4, you can now build your Web applications using IronRuby and IronPython. This appendix takes a quick look at using dynamic languages in building your Web applications. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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