

Beginning Visual Web Programming In C From Novice To Professional

Provides information on programming Web applications using ASP.NET 2.0, covering such topics as site design, security, styling, Web server architecture, writing data, code, e-commerce, and exception handling.

After reading Programming the Web with Visual Basic .NET, developers will understand how to build and deploy top quality, professionally designed, highly usable Web applications using Visual Basic .NET.

Describes the basics of the Visual Basic language, covering such topics as Microsoft .NET Framework, data types, data structures, dialog boxes, creating menus, building objects, class libraries, and database programming.

Perhaps you've had a taste of .NET programming and are hungry for more advanced coverage of the new Visual Basic. Or perhaps you've mastered VB-6 and are ready to move to the .NET framework and the capabilities of Visual Basic .NET. Either way, Visual Basic .NET Developer's Handbook gives you what you want, and need. If your goals involve web programming, this book offers detailed instruction that will help you achieve them. You'll learn to use Visual Basic .NET to build and deploy XML-based Web services, create ASP.NET-based web applications, and implement support for mobile devices. As you progress, you'll master some of the trickier aspects of form design, solve tough database connectivity challenges, and secure your applications with built-in .NET features. If you're a Windows programmer who knows VB-6 inside and out, you'll find many compelling reasons for making the shift to VB.NET. This book provides the specialized coverage you need to do it quickly and effectively. You'll learn how the newest Visual Basic lets you build dramatically better Windows applications. You may cringe at the thought of mastering a new file I/O methodology, for example, but wait until you see all that streams has to offer, beginning with faster data access. And, you'll also learn new, more effective approaches to building custom Windows services and controls. Visual Basic .NET is at the forefront of the convergence of Windows and web programming. Whatever your focus, whatever your career path, Visual Basic .NET Developer's Handbook is the resource best suited to helping you navigate this convergence--skillfully and successfully.

From Novice to Professional

Beginning Web Programming Using VB. NET & Visual Studio . NET

In C# and VB

Beginning ASP.NET 2.0 with C#

C# for Web Programming

This beginning guide reviews HTML and also introduces you to using XHTML for the structure of a web page and cascading style sheets (CSS) for controlling how a document should appear on a web page. You'll learn how to take advantage of the latest features of browsers while making sure that your pages still work in older, but popular, browsers. By incorporating usability and accessibility, you'll be able to write professional-looking and well-coded web pages that use the latest technologies.

Get started with Visual C# programming with this great beginner's guide Beginning C# 6 Programming with Visual Studio 2015 provides step-by-step directions for programming with C# in the .NET framework. Beginning with programming essentials, such as variables, flow control, and object-oriented programming, this authoritative text moves into more complicated topics, such as web and Windows programming and data access within both database and XML environments. After your introduction to each of the chapters, you are invited to apply your newfound knowledge in Try It Out sections, which reinforce learning and help you understand the practical applications of the new concepts you have explored. Through this approach, you can write useful programming code following each of the steps that you explore in this essential text. Discover the basics of programming with C#, such as variables, expressions, flow control, and functions Discuss how to keep your program running smoothly through debugging and error handling Understand how to navigate your way through key programming elements, such as classes, class members, collections, comparisons, and conversions Explore object-oriented programming, web programming, and Windows programming Beginning C# 6 Programming with Visual Studio 2015 is a fundamental resource for any programmers who are new to the C# language.

Almost all applications have to deal with data access in some way or another. This book will teach you how to build Visual Basic .NET applications that make effective use of databases. Visual Basic .NET is the latest version of the most widely used programming language in the world, popular with professional developers and beginners alike.

Explains how to create multi-page web applications with Visual Studio and ASP.NET, work with web server controls and validation controls, and handle database data in web applications using ADO.NET.

Beginning Visual C# 2012 Programming

Beginning C# 6 Programming with Visual Studio 2015

Beginning Web Development, Silverlight, and ASP.NET AJAX

Developing Web Applications with Visual Basic.NET and ASP.NET

What is this book about? Visual Basic .NET is the latest version of the most widely used programming language in the world, popular with professional developers and complete beginners alike. This book will teach you Visual Basic .NET from first principles. You'll quickly and easily learn how to write Visual Basic .NET code and create attractive windows and forms for the users of your applications. To get you started on the road to professional development, you'll also learn about object-oriented programming, creating your own controls, working with databases, creating menus, and working with graphics. This second edition has been thoroughly tested on the full release version of .NET. The book is written in the proven Wrox beginning style with clear explanations and plenty of code samples. Every new concept is explained thoroughly with Try It Out examples and there are end-of-chapter questions to test yourself. What does this book cover? In this book, you will learn how to Install Visual Basic .NET Write Visual Basic .NET code Understand what the .NET Framework is and why it's important Control the flow through your application with loops and branching structures Create useful windows and screens Create your own menus Gain a complete understanding of object-oriented programming Work with graphics Create your own controls Access databases with ADO.NET Create applications for the Web Who is this book for? This book is aimed at readers who wish to learn to program using Visual Basic .NET. It assumes you have no prior experience of programming, but moves at a fast enough pace to be interesting if you have programmed in another language.

This book will take you step by step through the creation of web applications, using Microsoft powerful, premier web development tool - Visual InterDev 6. in this book you'll learn what a web application is, look at the major technologies behind web development, including HTML, XML and object oriented programming, see how to incorporate data from databases into your pages using Active Server Pages and ActiveX Data Objects, and write pages containing Vbscript, JavaScript and ActiveX components. you'll create lots of useful samples for your real-life applications and will be encouraged to practice at every step of the way. Who is this book for ? Beginning Web Development. with InterDev 6 is aimed at anyone who wants a hands-on approach to learning how to create their own web applications, be it for a company intranet or a site on the World Wide Web. No prior knowledge programming language or web development is needed, although a basic familiarity with the Microsoft Windows environment is assumed. The database examples in this book primarily use SQL Server, although Access is also demonstrated as an alternative. What does this book cover ? Visual InterDev 6 and Personal Web Server. Creating web applications within the Visual InterDev 6 environment. Applying themes and layouts to produce professional looking web sites. Using mark-up languages (HTML, DHTML, XML). Introduction to VBScript and JavaScript, and working with Active Server Pages. Linking web pages to databases with ADO. Using design time controls and writing COM components. Error handling and debugging.

What is this book about? With this book and Web Matrix, you'll be developing your own powerful ASP.NET websites in no time. You'll start at the beginning, learning how to create graphical web pages in Web Matrix. Then you'll use Visual Basic .NET and databases to add the dynamic features usually seen in expensive commercial websites. You'll finish by looking at some of the expert ASP.NET features — writing our own controls and web services. Even if you've never programmed before, this book will take you right into the world of professional web development. You'll be amazed at how easy it is and how much you can do. What does this book cover? With this book, you will learn how to Go further than just static HTML websites, by using a programming language. We will get you building real dynamic websites right from the beginning Change the content of your pages quickly and easily by using databases. With this book, you'll learn how databases work, and how to make the most of them. Add interactivity to your website by creating your very own guest book, and allow people to leave message with emoticons. Create content you can distribute to other websites, and learn how to automatically update it all over the Web in one go! Who is this book for? Users of any edition of Microsoft Windows XP, or 2000 — ideal for beginners — no HTML knowledge is required.

Warning! Microsoft has informed us that the version of MSDE distributed with this book is susceptible to the slammer worm. Microsoft is providing a patch for this version of MSDE at the following URL:

http://www.msdn.microsoft.com/netframework/downloads/updates/sdkfix/default.asp. If you have installed MSDE using the CD in the book, and wish to protect yourself from this virus, you should consider applying this patch. We are very sorry for any inconvenience caused.

This title takes what you already know about creating desktop applications using Visual Basic .NET, and shows how to apply it to the Web. It teaches the different way of thinking needed to write web applications.

Visual Basic .NET Developer's Handbook

Beginning Dynamic Websites

Microsoft Visual Basic 2010 Step by Step

Beginning Web Programming with HTML, XHTML, and CSS

Beginning Web Development with Visual InterDev 6.0

ASP.NET 2.0 is an amazing technology that allows you to develop web sites and applications with very little hassle, and its power and depth enable it to host even the most complex applications available.

Using code examples in C#, this invaluable beginner's guide shows you how to program web applications in ASP.NET 2.0 and see dynamic results with minimal effort. Through detailed explanations and working

C# code examples, this popular author team eases you into the world of ASP.NET development and gradually introduces you to all sorts of interesting ASP.NET tricks and tools. You'll quickly see how ASP.NET 2.0 is designed to ensure a significant reduction in the amount of code you have to write--and, in turn, to make your life easier. What you will learn from this book Why Visual Web Developer is an ideal environment for building feature-rich ASP.NET 2.0 applications with C# How to secure web sites, providing login functionality and role-based access to content Useful techniques for safely updating data, using ASP.NET 2.0's built-in data handling capabilities How centralized site design can be easily achieved How to add e-commerce functionality to a site Methods for enhancing an application's performance Who this book is for This book is for anyone new to web programming who wants to program dynamic, feature-rich web applications in ASP.NET 2.0. It will also be ideal for programmers seeking to upgrade their ASP 3 knowledge to ASP.NET, or programmers from non-Microsoft web disciplines who need to learn ASP.NET 2.0. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

* Provides developers with the skills to build professional database-driven web sites using the latest ASP.NET 2.0 technologies. * ASP.NET developers looking to build DB-driven websites will find practical solutions, multiple ways to achieve success, and a handy case study to wrap up core content. * NET is used by millions of web developers and are looking for a comprehensive resource on 2.0 beta improvements.

Easily get started programming using the ultra-versatile C# 7 and Visual Studio 2017 Beginning C# 7 Programming with Visual Studio 2017 is the beginner's ultimate guide to the world's most popular programming language. Whether you're new to programming entirely, or just new to C#, there has never been a better time to get started. The new C# 7 and Visual Studio 2017 updates feature a number of new tools and features that streamline the workflow, simplify the code, and make it easier than ever to build high-quality apps. This book walks you through everything you need to know, starting from the very basics, to have you programming in no time. You'll learn about variables, flow control, and object oriented programming, then move into Web and Windows programming as well as databases and XML. The companion website provides downloadable code examples, and practical Try It Out sections provide explicit, step-by-step instructions for writing your own useful, customizable code. C# 7 can be used to build Windows applications, program Windows 10, and write Web apps when used alongside ASP.NET. With programming skills becoming de rigueur in fields far beyond the tech world, C# 7 is a great place to start building versatile, helpful skills. This book gets you started quickly and easily with instruction from a master-team of C# programmers. Learn how to program using the world's leading programming language Build smarter, faster apps using the latest features in C# 7 and Visual Studio 2017 Find and fix bugs sooner, saving headaches down the line Integrate with all .NET Core, Azure applications, cloud services, Docker containers, and more The world of programming can seem intimidating to a beginner, and the prospect of learning a whole new "language" can seem daunting. Beginning C# 7 Programming with Visual Studio 2017 demystifies the process and shows you how to bring your ideas to life.

Learn Visual Basic (VB) Programming in the quickest time possible with this concise app that teaches you all the essentials about VB programming. Written for people who have NO background in programming or are beginners. Beginning Visual Basic Programming zooms in on the most essential concepts with EXAMPLES! Soon, you can utilize your VB skills in web programming, console programming, and of course Windows Phone 7 apps programming! We cover the following topics: Getting Started: Our First VB Application Variables Input and Output Using Arithmetic in VB Boolean Logic If-Else and Switch Statements Strings Loops Learning about Objects Methods Managing Multiple Objects Arrays Exception Handling Inheritance Namespaces GUI Programming using Windows Forms Going Further

Beginning Visual Web Programming in C#

Beginning Visual Basic Programming

in C# and VB

A Guide for Developers

Beginning Visual Web Programming in VB .NET

Your hands-on, step-by-step guide to learning Visual Basic 2010. Teach yourself the essential tools and techniques for Visual Basic 2010-one step at a time. No matter what your skill level, you'll find the practical guidance and examples you need to start building professional applications for Windows and the Web. Discover how to: Work in the Microsoft Visual Studio 2010 Integrated Development Environment (IDE) Master essential techniques-from managing data and variables to using inheritance and dialog boxes Create professional-looking Uis; add visual effects and print support Build compelling Web features with the Visual Web Developer tool Use Microsoft ADO.NET and advanced data presentation controls Debug your programs and handle run-time errors Use new features, such as Query Builder, and Microsoft .NET Framework For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

This book is for anyone who wants to learn how to build rich and interactive Microsoft ASP.NET web sites. With the knowledge you gain from this book, you create a great foundation to build any type of web site, ranging from simple hobby-related web sites to sites you may be creating for commercial purposes. Using this book ' s step-by-step format you ' ll learn to: Obtain, install, and customize Visual Web Developer (VWD) 2008 create a new web site and how to add new pages to it. use the numerous tools in VWD to create HTML and ASP.NET pages use the VWD tools and CSS, the language that is used to format web pages What ASP.NET server controls are, what they are used for, and how to use them program web pages Visual Basic or C# create consistent-looking pages through the use of master pages, skins, and themes build the navigation structure of your site create and use User Controls and enhance them to repeat content like menus and banners accept, validate, and process user input and send e-mail from your ASP.NET web application create good looking, flicker free web page interaction with ASP.NET Ajax the basics of SQL, the language used access and alter data in a database use the database tools found in Visual Web Developer use the ASP.NET data controls to create an interface for your users to interact with your application ' s data use LINQ to SQL to access SQL Server databases without writing a lot of manual code change the visual appearance of your data through the use of control styles interact with the data-bound controls and speed up your application use the security ASP.NET features to create user accounts, distinguish between anonymous and logged on users, and manage the users in your system create personalized web pages with content targeted at individual users find and fix problems with VWD debugging tools deploy and run your final web site

¿Programming the Web with Visual Basic .NET¿ is a comprehensive guide to building Web applications and services using Visual Basic .NET. It is written especially for experienced Visual Basic programmers who use Visual Studio .NET for their development work, even those who have never written a Web application before. Because the .NET Framework simply blows away the archaic tools previously available to Web programmers, the authors predict that many Visual Basic programmers who successfully avoided Web programming in the past will now bring their expertise to the Web. However, even experienced Web programmers will greatly benefit from the authors' thorough coverage of the ASP.NET namespaces and their clear coverage of the ADO.NET classes most important to Web applications that use relational databases for data storage. All developers will benefit from the authors' extensive practical advice (based on their unique professional backgrounds) about how to produce create high quality code and how to create professional, usable Web sites. After reading ¿Programming the Web with Visual Basic .NET¿, developers will understand how to build and deploy top quality, professionally designed, highly usable Web applications using Visual Basic .NET. Author Information Constance Petersen co-authored the best-selling Visual Basic 4 How-To and has been recognized with the Microsoft Most Valuable Professional (MVP) award for her contributions to the VB development community. The creative force within SoftMedia Artisans, she has written extensively on Web design and usability. Lynn Torkelson, a grizzled veteran of assembly language and C programming, has extensive experience using Visual Basic to develop client-server business applications. Lynn also did tours of duty as a software development manager and as a manager of software quality. Zac Torkelson began investigating the joys of programming at the age of ten and gradually intensified his interest. He soon learned VB5, then VB6, and C++. Zac then began using the Windows API extensively in his programs. Upon the arrival of the first .NET Beta, Zac switched to Visual Basic .NET and C#. These days he particularly likes to program multiplayer online games.

Visual Basic .NET will integrate state of the art programming language features, including inheritance, polymorphism, and garbage collection. The book will explain these key concepts in a simple and practical way. Web Forms and Web Controls usher in an elegant way to make dynamic web pages. The book will cover these topics with how-to code examples and projects. One of the newest developments in Internet programming is the use of XML and the SOAP communication protocol. .NET Web Services harness these two technologies, and will be covered in some of the later sections of the book.

Beginning Visual Basic 2005

Beginning C# 7 Programming with Visual Studio 2017

Web Programming with VB.NET

with ASP.NET Web Matrix

Beginning ASP.NET 3.5

Learn how to how to use C# for Internet programming with the hands-on techniques and clear explanations. This book discusses some C# features that allow rapid development of solutions such as garbage collection, simplified type declarations, and scalability support. The book explains key concepts in a simple and practical manner. Web Forms and Web Controls usher in an elegant way to make dynamic Web pages. The book covers these topics with how-to code examples and projects. One of the newest developments in Internet programming is the use of XML and the SOAP communication protocol. .NET Web Services harness these two technologies, and is covered in later sections of the book.

John Alexander and bestselling author Billy Hollis show programmers how to develop enterprise-level Web applications using Microsoft's popular programming language—Visual Basic.NET. Features the incomparable insights and programming know-how of two popular Microsoft insiders, arming developers with proven tips and workarounds to use in their own projects Provides step-by-step instruction for creating business Web applications using ASP.NET and VB.NET Companion Web site contains all the code for the sample application

Step-by-step beginner ' s guide to Visual C# 2012 Written for novice programmers who want to learn programming with C# and the .NET framework, this book offers programming basics such as variables, flow control, and object oriented programming. It then moves into web and Windows programming and data access (databases and XML). The authors focus on the tool that beginners use most often to program C#, the Visual C# 2012 development environment in Visual Studio 2012. Puts the spotlight on key beginning level topics with easy-to-follow instructions for Microsoft Visual C# 2012 Explores how to program for variables, expressions, flow control, and functions Explains the debugging process and error handling as well as object oriented programming, and much more Beginning Microsoft Visual C# 2012 Programming offers beginners a guide to writing effective programming code following simple step-by-step methods, each followed by the opportunity to try out newly acquired skills.

C# for Web Programmingteaches the essentials of C# Web programming to professionals with some familiarity with C or C++. The communications-savvy C# language combines the power of C and C++ with the ease of Visual Basic. Authors Chris H. Pappas and William H. Murray teach C# Web programming using their classroom-proven methods.

PRO VB6 WEB PR,

Beginning ASP.NET 4

The Book of Visual Studio .NET

Sams Teach Yourself C# Web Programming in 21 Days

Beginning VB.NET

This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using

ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With your book you can take your first step towards becoming a successful ASP.NET developer with confidence.

What is this book about? With Beginning Visual C#, you will learn how to use Visual C# from first principles. Visual C# is an object-oriented programming language designed specifically for programming Microsoft's new platform, the .NET Framework. You'll quickly and easily learn how to write Visual C# code and create your own applications — for both Windows and the Web. What does this book cover? With clear explanations and hands-on examples, you will learn about the following topics: The C# language from the ground up Designing and writing object-oriented programs .NET programming with C# Working with Windows forms and controls Creating graphics and printing Accessing databases and files Writing web application and web services in Visual C# This book will be an indispensable guide as you learn to write C# programs, gradually explaining the key concepts of Visual C# and .NET as your skills develop, with exercises at the end of chapters to test yourself. Starting with a thorough tutorial of the Visual C# language and object-oriented programming, you will progress to learn how to apply your understanding to programming the .NET Framework. Who is this book for? Beginning Visual C# is ideal for beginners with little background in programming, and for relatively inexperienced programmers who want to move from a language that doesn't support object-oriented programming techniques. The book moves at a fast enough pace that if you have programmed in another language, then you will still find the book valuable. What do you need to use this book? Note that Beginning Visual C# requires you to have access to either Visual Studio .NET or Visual C# .NET Standard Edition.

* How to create dynamic web pages with ASP.NET web forms and web server controls * How to display and manipulate data using ADO.NET and Visual Studio .NET components * How to persist state in different ways, within the "stateless" web environment * How to create XML files and XML schema, and how to use them for data transfer * How to integrate your web applications with others, through web services * How to make your application more secure, via the security features in ASP.NET and IIS * How to eliminate bugs and unexpected failures, through effective debugging and exception-handling techniques * How to improve the performance of your application and prepare it for release NOTE: There is an Apress title called Programming the Web with Visual Basic .NET (Torkelson, Peterson, Torkelson) but this title is aimed at a higher-level audience and is more of a 'transition' book than an inspirational skills improvement book.

Update to Wrox's leading C# book for beginners Get ready for the next release of Microsoft's C# programming language with this essential Wrox beginner's guide. Beginning Microsoft Visual C# 2010 starts with the basics and brings you thoroughly up to speed. You'll first cover the fundamentals such as variables, flow control, and object-oriented programming and gradually build your skills for Web and Windows programming, Windows forms, and data access. Step-by-step directions walk you through processes and invite you to "Try it Out," at every stage. By the end, you'll be able to write useful programming code following the steps you've learned in this thorough, practical book. The C# 4 programming language version will be synonymous with writing code with in C# 2010 in Visual Studio 2010, and you can use it to write Windows applications, Web apps with ASP.NET, and Windows Mobile and Embedded CE apps Provides step-by-step instructions for mastering topics such as variables, flow controls, and object-oriented programming before moving to Web and Windows programming and data access Addresses expressions, functions, debugging, error handling, classes, collections, comparisons, conversions, and more If you've always wanted to master Visual C# programming, this book is the perfect one-stop resource. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Beginning Visual C#

Murach's ASP.NET

Beginning ASP.NET 2.0

Sams Teach Yourself Visual Basic .NET Web Programming in 21 Days

Beginning ASP.NET 4.5 in C#

Covers topics such as integrating multiple .NET technologies, cross-language integration, versioning, database and monitoring tools for application development, accessing data, and COM+.

Microsoft's C# ("C sharp") is a modern, object-oriented programming language built from the ground up to exploit the power of XML-based Web services on Microsoft's new .NET platform. With its Visual C++ development system heritage, C# will enable millions of C and C++ developers to use existing skills to rapidly build sophisticated XML-based .NET applications. Why Will Web Developers Switch to C#? ...Because it's the ideal solution for C and C++ programmers who need to combine rapid development with the power to access all the functionality of the Microsoft.NET platform. They want an environment that is completely in sync with emerging Web standards and one that provides easy integration with existing applications. C#.net Web Developer's Guide will enhance developer productivity and help them eliminate programming errors that can lead to increased development costs. This book teaches Web developers to quickly and easily build solutions for the Microsoft .NET platform. Web developers will learn to use C# components to build Web services and applications that are available across the Internet, from any application running on any platform. * Timely coverage of newly released product - programmers and developers are anxious to learn about the new technology *

Comes with Syngress' revolutionary wallet-sized CD containing a printable HTML version of the book and all of the source code examples and demos of popular C# upgrade and programming tools

The complete guide to the productivity and performance enhancements in ASP.NET Beginning ASP.NET for Visual Studio 2015 is your ultimate guide to the latest upgrade of this historically popular framework. Fully updated to align with the vNext release, this new edition walks you through the new tools and features that make your workflow smoother and your applications stronger. You'll get up to speed on the productivity and performance improvements, and learn how Microsoft has committed itself to more continuous innovation by increasing its release cadence for all products and services going forward. Coverage includes Async-aware debugging, ADO.NET idle connection resiliency, managed return value inspection, ASP.NET app suspension, on-demand large object heap compaction, multi-core JIT and more. The news of an off-cycle update to ASP.NET came as a surprise, but its announcement garnered cheers at the 2014 Microsoft BUILD conference. This guide shows you what all the fuss is about, and how Microsoft overhauled the latest ASP.NET release. Get acquainted with the new developer productivity features Master the new tools that build better applications Discover what's new in Windows Store app development Learn how Microsoft fixed the issues that kept you from v5 Over 38 million websites are currently using ASP.NET, and the new upgrade is already leading to increased adoption. Programmers need to master v6 to remain relevant as web development moves forward. Beginning ASP.NET for Visual Studio 2015 walks you through the details, and shows you what you need to know so you can get up and running quickly.

* Takes the best of a series of C# Web Programming books from Wrox into one great book * Offers a natural follow-on to the Apress title [Beginning C#] so that readers can continue building their .NET programming expertise with Apress Written by an expert teacher and programmer who is recognized in his field, and who is prepared to teach with real-world examples for his audience

Beginning Visual Basic 2015

C#.Net Developer's Guide

Beginning ASP.NET for Visual Studio 2015

Beginning Visual Basic .NET Databases

Beginning Visual C# 2010

There has been a huge surge in interest in 'Web 2.0' technologies over the last couple of years. Microsoft's contribution to this area has been the ASP.NET AJAX and Silverlight technologies, coupled to a supporting framework of ancillary tools. This book aims to be a no nonsense introduction to these technologies for the rapidly growing number of people who are realizing that they need Microsoft-based 'Web 2.0' skills on their CV. It gives people a grounding in the core concepts of the technologies and shows how they can be used together to produce the results that people need. The author has unparalleled experience of introducing people to these technologies.

1. Web Fundamentals -- 2. Windows DNA: a framework for building applications -- 3. An Overview of Building Windows DNA Applications with Visual Basic -- 4. Client-Side Programming with Visual Basic -- 5. Building Client-Side ActiveX Controls -- 6. Dynamic HTML Applications -- 7. Integrating Web Browsing Using the WebBrowser Objects -- 8. Getting Started By Understanding ASP -- 9. Building Server Components in Visual Basic -- 10. Advanced Visual Basic Server Components -- 11. Interfacing With Server Services in Visual Basic --12. Introducing Webclasses and IIS Applications -- 13. The Fundamentals of IIS Applications -- 14. Advanced Webclass Techniques -- 15. Meet RDS -- 16. A Guide to XML -- Case Study 1. Message Board Part 1 -- Case Study 1. Message Board Part 2 -- Case Study 2. Web Based Document Management -- Case Study 3. DHTML Applications -- Case Study 4. CGI Integration. Beginning Visual Web Programming in C#From Novice to ProfessionalApress

* Provides a good foundation for Microsoft Access and Visual Basic database programming * Offers thorough coverage of object-oriented programming, including how to create data handling classes and ActiveX controls for code reusability * Covers DAO, ADO, ASP, and SQL, and demonstrates how to take data mining to the next level

Beginning ASP.NET 2.0 Databases

Beginning Visual Basic 6 Database Programming

Programming the Web with Visual Basic .NET

Learn Visual Basic step by step and start programming right away Beginning Visual Basic 2015 is the ideal guide for new programmers, especially those learning their first language. This new edition has been updated to align with Visual Studio 2015, and also refocused to concentrate on key beginner topics. Precise, step-by-step instructions walk you through important tasks, and clear explanations targeted to beginners will have you writing your first Visual Basic application quickly. You'll start from the absolute beginning, assuming no prior programming experience, and then gradually build your skills to write Visual Basic applications for Windows and the Web. Coverage includes objects, class libraries, graphics, databases, and much more, with explicit instructions on using ASP.NET, SQL Server, ADO.NET, and XML. Visual Studio is the usual environment for Visual Basic programming, and the latest upgrade has made Visual Basic more feature compatible with C# to allow programmers to move fluidly between the two languages. Don't know C#? Don't worry! This book starts from the very beginning of Visual Basic programming to help you build your skills from the ground-up. Understand flow control and data structure Debug Windows applications, dialog boxes, and menus Master objects and object-oriented techniques Access databases, program graphics, and program for the Web Over three million programmers use Visual Basic, and many of them learned it as their first language. It's beginner-friendly, versatile, and visually oriented, making it an ideal introduction to the programming mindset, workflow, and hard skills.

Beginning Visual Basic 2015 gets you started on the right foot, with clear, patient instruction and plenty of hands-on practice.

This book is for anyone who wants to learn how to build rich and interactive web sites that run on the Microsoft platform. With the knowledge you gain from this book, you create a great foundation to build any type of web site, ranging from simple hobby-related web sites to sites you may be creating for commercial purposes. Anyone new to web programming should be able to follow along because no prior background in web development is assumed although it helps if you do have a basic understanding of HTML and the web in general. The book starts at the very beginning of web development by showing you how to obtain and install Visual Web Developer. The chapters that follow gradually introduce you to new technologies, building on top of the knowledge gained in the previous chapters. Do you have a strong preference for Visual Basic over C# or the other way around? Or do you think both languages are equally cool? Or maybe you haven't made up your mind yet and want to learn both languages? Either way, you'll like this book because all code examples are presented in both languages! Even if you have some experience with prior versions of ASP.NET, you may gain a lot from this book. Although many concepts from previous versions are brought forward into ASP.NET 4, you'll discover there's a lot of new stuff to be found in this book, including an introduction to the ADO.NET Entity Framework, the inclusion of jQuery, ASP.NET AJAX, the many changes to the ASP.NET 4 Framework, and much more. This book teaches you how to create a feature-rich, data-driven, and interactive web site called Planet Wrox. Although this is quite a mouthful, you'll find that with Visual Web Developer 2010, developing such a web site isn't as hard as it seems. You'll see the entire process of building a web site, from installing Visual Web Developer 2010 in Chapter 1 all the way up to putting your web application on a live server in Chapter 19. The book is divided into 19 chapters, each dealing with a specific subject. Chapter 1, "Getting Started with ASP.NET 4" shows you how to obtain and install Visual Web Developer 2010. You'll get instructions for downloading and installing the free edition of Visual Web Developer 2010, called the Express edition. You are also introduced to HTML, the language behind every web page. The chapter closes with an overview of the customization options that Visual Web Developer gives you. Chapter 2, "Building an ASP.NET Web Site" shows you how to create a new web site and how to add new elements like pages to it. Besides learning how to create a well-structured site, you also see how to use the numerous tools in Visual Web Developer to create HTML and ASP.NET pages. Chapter 3, "Designing Your Web Pages." Visual Web Developer comes with a host of tools that allow you to create well-designed and attractive web pages. In this chapter, you see how to make good use of these tools. Additionally, you learn about CSS, the language that is used to format web pages. Chapter 4, "Working with ASP.NET Server Controls." ASP.NET Server Controls are one of the most important concepts in ASP.NET. They allow you to create complex and feature-rich web sites with very little code. This chapter introduces you to the large number of server controls that are available, explains what they are used for, and shows you how to use them. Chapter 5, "Programming Your ASP.NET Web Pages." Although the built-in CSS tools and the ASP.NET Server Controls can get you a long way in creating web pages, you are likely to use a programming language to enhance your pages. This chapter serves as an introduction to programming with a strong focus on programming web pages. Best of all: all the examples you see in this chapter (and the rest of the book) are in both Visual Basic and C#, so you can choose the language you like best. Chapter 6, "Creating Consistent Looking Web Sites." ASP.NET helps you create consistent-looking pages through the use of master pages, which allow you to define the global look and feel of a page. Skins and themes help you to centralize the looks of controls and other visual elements in your site. You also see how to create a base page that helps to centralize programming code that you need on all pages in your site. Chapter 7, "Navigation." To help your visitors find their way around your site, ASP.NET comes with a number of navigation controls. These controls are used to build the navigation structure of your site. They can be connected to your site's central site map that defines the pages in your web site. You also learn how to programmatically send users from one page to another. Chapter 8, "User Controls." User controls are reusable page fragments that can be used in multiple web pages. As such, they are great for repeating content such as menus, banners, and so on. In this chapter, you learn how to create and use user controls and enhance them with some programmatic intelligence. Chapter 9, "Validating User Input." A large part of interactivity in your site is defined by the input of your users. This chapter shows you how to accept, validate, and process user input using ASP.NET Server Controls. Additionally, you see how to send e-mail from your ASP.NET web application and how to read from text files. Chapter 10, "ASP.NET AJAX." Microsoft ASP.NET AJAX allows you to create good-looking, flicker-free web pages that close the gap between traditional desktop applications and web applications. In this chapter you learn how to use the built-in Ajax features to enhance the presence of your web pages, resulting in a smoother interaction with the web site. Chapter 11, "jQuery." jQuery is a popular, open source and cross-browser JavaScript library designed to make it easier to interact with web pages in the client's browser. In this chapter you learn the basics of jQuery and see how to add rich visual effects and animations to your web pages. Chapter 12, "Introducing Databases." Understanding how to use a database is critical to building web sites, as most modern web sites require the use of a database. You'll learn the basics of SQL, the query language that allows you to access and alter data in a database. In addition, you are introduced to the database tools found in Visual Web Developer that help you create and manage your SQL Server databases. Chapter 13, "Displaying and Updating Data." Building on the knowledge you gained in the previous chapter, this chapter shows you how to use the ASP.NET data-bound and data source controls to create a rich interface that enables your users to interact with the data in the database that these controls target. Chapter 14, "LINQ and the ADO.NET Entity Framework." LINQ is Microsoft's solution for accessing objects, databases, XML, and more. The ADO.NET Entity Framework (EF) is Microsoft's new technology for database access. This chapter shows you what LINQ is all about, how to use the visual EF designer built into Visual Studio, and how to write LINQ to EF queries to get data in and out of your SQL Server database. Chapter 15, "Working with Data—Advanced Topics." While earlier chapters focused mostly on the technical foundations of working with data, this chapter looks at the same topic from a front-end perspective. You see how to change the visual appearance of your data through the use of control styles. You also see how to interact with the data-bound controls and how to speed up your application by keeping a local copy of frequently accessed data. Chapter 16, "Security in Your ASP.NET 4 Web Site." Although presented quite late in the book, security is a first-class, important topic. This chapter shows you how to make use of the built-in ASP.NET features related to security. You learn about a number of application services that facilitate security. You also learn how to let users sign up for an account on your web site, how to distinguish between anonymous and logged-on users, and how to manage the users in your system. Chapter 17, "Personalizing Web Sites." Building on the security features introduced in Chapter 16, this chapter shows you how to create personalized web pages with content targeted at individual users. You see how to configure and use ASP.NET Profile that enables you to store personalized data for known and anonymous visitors. Chapter 18, "Exception Handling, Debugging, and Tracing." In order to understand, improve, and fix the code you write for your ASP.NET web pages you need good debugging tools. Visual Web Developer ships with great debugging support that enables you to diagnose the state of your application at run time, helping you find and fix problems before your users do. Chapter 19, "Deploying Your Web Site." By the end of the book, you should have a web site that is ready to be shown to the world. But how exactly do you do that? What are the things you need to know and understand to put your web site out in the wild? This chapter gives the answers and provides you with a good look at configuring different production systems in order to run your final web site.