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The bestselling JavaScript guide, updated with current features and best practices Beginning JavaScript 5th Edition shows you how to work effectively with JavaScript frameworks, functions, and modern browsers, and teaches more effective coding practices using HTML5. This new edition has been extensively updated to reflect the way JavaScript is most commonly used today, introducing you to the latest tools and techniques available to JavaScript developers. Coverage includes modern coding practices using HTML5 markup, the JSON data format, DOM APIs, the jQuery framework, and more. Exercises with solutions provide plenty of opportunity to practice, and the companion website offers downloadable code for all examples given in the book. Learn JavaScript using the most up to date coding style Understand JSON, functions, events, and feature detection Utilize the new HTML5 elements and the related API Explore new features including geolocation, local storage, and more JavaScript has shaped the Web from a passive medium into one that is rich, dynamic, and interactive. No matter the technology on the server side, it's JavaScript that makes it come alive in the browser. To learn JavaScript the way it's used today, Beginning JavaScript, 5th Edition is your concise guide.

This is the ultimate guide to C# 4 and the .NET 4 framework. Updated with more coverage of intermediate and advanced features, new examples, and detailed discussions of recent language and framework additions, this book covers everything you will need to know about C# and putting it to work. You will also find in-depth reviews of various topics including traditional Windows programming, working in Visual Studio 2010 with C#, base Class Libraries, and communication with Enterprise Services among others.

Learn how to use Ajax on your website or web application to communicate with your server. After reading this guide, you will know how to read files on the server and process their content, how to control the process with events, how to send data to the server, and how to upload and download resources. Table of Contents AJAX LEVEL 2 The XMLHttpRequest Object Properties Events Sending Data Uploading Files Real-Life Application QUICK REFERENCE Request Response Event Data This guide assumes that you have a basic knowledge of HTML, CSS and JavaScript, and you know how to create files and upload them to a server. If you don't know how to program in HTML, CSS or JavaScript, you can download our guides Introduction to HTML, Introduction to CSS, and Introduction to JavaScript. For a complete course on web development, read our book HTML5 for Masterminds. This guide is a collection of excerpts from the book HTML5 for Masterminds. The information included in this guide will help you understand a partic-

ular aspect of web development, but it will not teach you everything you need to know to develop a website or a web application. If you need a complete course on web development, read our book HTML5 for Masterminds. For more information, visit our website at www.formasterminds.com.

With this second edition of the popular DOM Scripting: Web Design with JavaScript and the Document Object Model comes a modern revision to update best practices and guidelines. It includes full coverage of HTML5 in a new, dedicated chapter, and details on JavaScript libraries and how they can help your scripting. The book provides everything you'll need to start using JavaScript and the Document Object Model to enhance your web pages with client-side dynamic effects and user-controlled animation. It shows how JavaScript, HTML5, and Cascading Style Sheets (CSS) work together to create usable, standards-compliant web designs. We'll also cover cross-browser compatibility with DOM scripts and how to make sure they degrade gracefully when JavaScript isn't available. DOM Scripting: Web Design with JavaScript and the Document Object Model focuses on JavaScript for adding dynamic effects and manipulating page structure on the fly using the Document Object Model. You'll start with a crash course in JavaScript and the DOM, then move on to several real-world examples that you'll build from scratch, including dynamic image galleries and dynamic menus. You'll also learn how to manipulate web page styles using the CSS DOM, and create markup on the fly. If you want to create websites that are beautiful, dynamic, accessible, and standards-compliant, this is the book for you!

Written by a high-power team of Microsoft MVPs, this book provides a comprehensive introduction to the ASP.NET AJAX features After a quick overview of the architecture and features of ASP.NET 2.0 AJAX, coverage then goes on to show developers how to build richer, more responsive dynamic Web sites and Web applications Dives into such topics as ASP.NET 2.0 AJAX user interface design issues, JavaScript enhancements with AJAX, how to use the UpdatePanel for implementing server-side controls, and XML scripting in AJAX Also offers an outline of the ASP.NET 2.0 AJAXControl Toolkit, and discusses implementing drag and drop functions, databinding, debugging and security, ASP.NET services, and bridging and gadgets The companion Web site provides readers with a rich set of code examples

As the Internet user experience (UX) progresses, more users are demanding and expecting their custom-built business applications to provide the same UX that they see on the Internet every day. ASP.NET 3.5 AJAX Unleashed empowers ASP.NET developers to easily provide this type of experience with minimal code. Author Rob Foster has built AJAX-enabled web applications for a

number of major corporations and uses the experience he has gained there to explain concisely, clearly, and completely what ASP.NET developers need to learn to start taking advantage of the rich opportunities made possible by ASP.NET AJAX. Learn ASP.NET AJAX by working with real-world examples Use the ScriptManager and ScriptManagerProxy controls in your ASP.NET AJAX-enabled applications Leverage the ASP.NET AJAX client-side API to maximize the flexibility of ASP.NET AJAX Build applications that use the UpdatePanel and Timer controls Use the ASP.NET AJAX Control Toolkit to provide rich AJAX functionality to your web applications Build ASP.NET AJAX-enabled extender controls Integrate ASP.NET AJAX and .NET 3.5 with Microsoft Office SharePoint Server 2007 Create ASP.NET AJAX-enabled Windows Vista Gadgets Learn advanced AJAX concepts such as JavaScript Object Notation (JSON) and WCF Web services

The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling.

Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come

before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

This book makes JavaScript less challenging to learn for newcomers, by offering a modern view that is as consistent as possible. Highlights: Get started quickly, by initially focusing on modern features. Test-driven exercises and quizzes available for most chapters (sold separately). Covers all essential features of JavaScript, up to and including ES2019. Optional advanced sections let you dig deeper. No prior knowledge of JavaScript is required, but you should know how to program.

JavaScript lets you supercharge your web pages with animation, interactivity, and visual effects, but learning the language isn't easy. This fully updated and expanded guide takes you step-by-step through JavaScript basics, then shows you how to save time and effort with jQuery--the library of prewritten JavaScript code--and the newest innovations from the jQuery UI plug-in.

This new book on PHP 7 introduces writing solid, secure, object-oriented code in the new PHP 7: you will create a complete three-tier application using a natural process of building and testing modules within each tier. This practical approach teaches you about app development and introduces PHP features when they are actually needed rather than providing you with abstract theory and contrived examples. In Learn PHP 7, programming examples take advantage of the newest PHP features, including enhanced password encryption using password_hash. This book takes a learn-by-doing approach, providing you with complete coding examples. "Do It" exercises in each chapter provide the opportunity to make adjustments to the example code. The end of chapter programming exercises allow you to develop your own applications using the algorithms demonstrated in the chapter. Each tier is logically and physically separated using object-oriented and dependency injection techniques, thus allowing independent tiers that can be updated with little or no effect on the other tiers. In addition to teaching good programming practices through OOP, there is a strong emphasis on creating secure code. As each chapter is completed, the reader is provide the opportunity to design and create an application reinforcing the concepts learned.

This book addresses today's approach to JavaScript in detail: modern browser support, including information on Internet Explorer 7; Object-Oriented JavaScript; testing and debugging; unobtrusive JavaScript techniques using DOM Scripting; Ajax; creating and using blocks of reusable code, and the future of JavaScript. All the concepts expressed in this up-to-the-minute reference are thoroughly backed up with real world examples and full-scale case studies. The book offers reusable functions for readers to use in their own projects, a significant time-saver. Also included are several reference sections that allow developers to look up details quickly and easily.

Provides information on using Ajax in building Web applications. ASP.NET 3.5 is the principal standard for creating dynamic web pages on the Windows platform. Pro ASP.NET 3.5 in VB 2008: Includes Silverlight 2 raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution. Updated with everything you need to integrate Silverlight 2.0 into your ASP.NET applications, this book teaches you all about Silverlight's exciting features so that your ASP projects can be rich in visual flair and compelling to the user. You'll learn how to use the new levels of abstraction in the Entity Framework to design elegant, powerful application architectures. Seasoned .NET professionals Matthew MacDonald, Mario Szpuszta, and Vidya Vrat Agarwal explain how you can get the most from these groundbreaking technologies. They cover ASP.NET 3.5 as a whole, illustrating both the newer features and the functionality carried over from

previous versions of ASP. This book will give you the knowledge you need to code real ASP.NET 3.5 applications in the best possible style.

Fast, focused instruction for beginning Web developers W3Schools.com is the number one online education source for beginning Web developers. This attractive two-color book contains concise, highly focused tutorials in the proven W3Schools instructional format, with an easy-to-use reference of JavaScript Objects and the HTML DOM included. Novice developers will quickly learn to create interactive Web pages using the most popular Web scripting language. W3Schools is the top Google search result for instruction on JavaScript, HTML, CSS, and other key Web technologies; this book presents W3Schools tutorials in an easy-to-follow format for quick learning. Features clear examples, simple explanations, and a thorough reference section covering JavaScript Objects and the HTML DOM. Covers statements and comments; variables, operators, and comparisons; if...then statements; pop-up boxes; events and try...catch; objects, strings, arrays, and Booleans; cookies, validation, and timing; Ajax requests and XML-HTTP requests; Ajax suggest, and more. Designed to get beginning Web developers up and running as quickly as possible, Learn JavaScript and Ajax with W3Schools presents a proven, highly focused course of instruction in an easy-to-use format.

Newly revised and updated resource on jQuery's many features and advantages. Web Development with jQuery offers a major update to the popular Beginning JavaScript and CSS Development with jQuery from 2009. More than half of the content is new or updated, and reflects recent innovations with regard to mobile applications, jQuery mobile, and the spectrum of associated plugins. Readers can expect thorough revisions with expanded coverage of events, CSS, AJAX, animation, and drag and drop. New chapters bring developers up to date on popular features like jQuery UI, navigation, tables, interactive capabilities, and audio and video. The book focuses on the new features of jQuery that improve performance and speed, providing huge advantages over traditional JavaScript. Offers new and revised content throughout the book, which focuses on the most recent features and capabilities of jQuery. Serves as an essential instructional tool for web developers with JavaScript and CSS knowledge who want to learn more. Advises readers on how to best use jQuery's powerful, easy-to-use features to create dynamic web pages and web applications. This resource provides a deep understanding of jQuery and sets readers up for successful interactions with all it has to offer.

Wrox's 4-book value set on everything related to JavaScript web development contains more than 2400 pages for professional web developers. The 4 books included are: Professional JavaScript for Web Developers (ISBN: 0764579088) Professional Ajax 2nd edition (ISBN: 0470109491) Professional Web 2.0 Programming (ISBN: 0470087889) Professional Rich Internet Applications: Ajax and Beyond (ISBN: 0470082801) Professional JavaScript for Web Developers: JavaScript is an important feature of every major browser because it enables enhanced user interaction on both Web sites and Web applications. You'll gain a clear understanding of the components that make up a JavaScript implementation, plus you'll examine critical areas including events, regular expressions, and browser detection techniques so you can build dynamic user interfaces. You'll learn how to extend the language to meet your specific requirements as well as create seamless client-server communication without intermediaries such as Java or hidden frames. What you will learn from this book: ECMAScript basics, object-oriented programming techniques, and important Document Object Model (DOM) concepts; Methods for handling events to tie JavaScript to a Web user interface; Techniques for validating data, sorting tables, and dealing with errors; How to

communicate between JavaScript and browser plugins; All about security issues, optimization, and intellectual property protections. Professional Ajax 2nd Edition provides a developer-level tutorial of Ajax techniques, patterns, and use cases. The book is written for Web application developers looking to enhance the usability of their web sites and web applications and intermediate JavaScript developers looking to further understand the language. Readers should have familiarity with XML, XSLT, Web Services, PHP or C#, HTML, CSS. This book is not aimed at beginners without a basic understanding of the aforementioned technologies. Also, a good understanding of JavaScript is important to understanding this book. Some of the topics covered here include: Ajax Libraries including the Yahoo! Connection Manager, Prototype, and jQuery; Request Management with Priority Queues and the RequestManager Object; Comet push-based web systems and HTTP streaming; Maps and Mashups with Geocoding, Google Maps API and Yahoo! Maps API; Ajax Debugging with FireBug and Microsoft Fiddler; ASP.NET AJAX Extensions; the range of request brokers (including the hidden frame technique, iframes, and XMLHttpRequest) and explains when one should be used over another; different Ajax techniques and patterns for executing client-server communication; Ajax patterns including predictive fetch, page preloading, submission throttling, incremental field and form validation, periodic refresh, multi-stage download and more; JSON and creating an autosuggest textbox example; web site widgets for a news ticker, weather information, web search, and site search; Ajax Frameworks JSpan, DWR, and Ajax.NET Professional; and two case studies. Professional Web 2.0 Programming: Web 2.0 architecture opens up an incredible number of options for flexible web design, creative reuse, and easier updates. Along with covering the key languages and techniques of Web 2.0, this unique book introduces you to all of the technologies that make up Web 2.0 at a professional level. You'll find code for several example applications built with popular frameworks that you'll be able to utilize. What you will learn from this book: How Web 2.0 applications are developed; New ways to get the major client-side technologies to work together; The new class of emerging tools; All about HTTP and URIs, XML, syndication, microformats, and Web Services; Techniques for implementing and maintaining your URI space; Steps for building mashups to aggregate information from multiple sources; Methods for enhancing security in your applications. Professional Rich Internet Applications: AJAX and Beyond: This book will show you how to take AJAX and Ruby on Rails to the next level by combining numerous cutting-edge technologies in order to develop full-fledged web applications. It explores a number of frameworks and in-browser APIs while providing code for your own implementations. You'll gain a thorough understanding of the underlying design principles behind professional Rich Internet Application (RIA) development and the various tools that are available to accomplish your design goals. You'll break down an application into client-side and server-side technologies. What you will learn from this book: How to develop RIAs in Java, Ruby, and Python; Tips for enhancing your productivity and debugging your application; Techniques for solving common issues in web applications when building a RIA; All about the higher-level themes and development packages that build on top of RIA technologies; How to develop, deploy, and control third-party access to your RIA.

Beginning JavaScript with DOM Scripting and Ajax is an essential resource for modern JavaScript programming. This completely updated second edition covers everything you need to know to get up-to-speed with JavaScript development and add dynamic enhancements to web pages, right from the basics. As well as focusing on client-side JavaScript, you will also learn how to work with the Browser Object Model, the Document Object Model (DOM),

how to use XML and JSON as well as communicate with service side scripts such as PHP. Find out how to: Construct good JavaScript syntax following modern coding practices Use JavaScript to communicate with the server and retrieve data Dynamically manipulate markup, validate forms and deal with images Debug applications using features inside the browser JavaScript is one of the most important technologies on the web. It provides the means to add dynamic functionality to your web pages and serves as the backbone of Ajax-style web development. Beginning JavaScript with DOM Scripting and Ajax will take you from being a JavaScript novice to work freely with this important technology - begin your JavaScript journey today!

Learn Ajax the easy way! If you are new to programming with Ajax and are looking for a solid introduction, this is the book for you. Developed by computer science instructors, books in the "for the absolute beginner" series teach the principles of programming through simple game creation. You will acquire the skills that you need for more practical programming applications and will learn how these skills can be put to use in real-world scenarios. Best of all, by the time you finish the book you will be able to apply the basic principles you've learned to the next programming language you tackle.

Provides information on creating interactive Web experiences and sites using JavaScript and Ajax.

Provides information on the basics of Ajax to create Web applications that function like desktop programs.

Key Features The ultimate AJAX tutorial for building modern Web 2.0 Applications Create faster, lighter, better web applications by using the AJAX technologies to their full potential Leverage the power of PHP and MySQL to create powerful back-end functionality and make it work in harmony with a responsive AJAX client Write better JavaScript code to enable powerful web features Understand the complete client-server mechanism by following complete, step-by-step case studies **Book Description** AJAX enables interactive interfaces that can replace traditional user interfaces. Enhance the user experience of your PHP website using AJAX with this practical and friendly tutorial! This book is the most efficient resource you can get to enter the exciting world of AJAX with PHP. Based on numerous examples and detailed case studies, this AJAX with PHP tutorial will build your foundation knowledge for creating faster, better web applications. The best AJAX tutorial for PHP developers has been completely rewritten to be your friendly guide to modern Web 2.0 development techniques! **AJAX and PHP: Building Modern Web Applications, 2nd Edition** covers every significant aspect of creating and maintaining AJAX and PHP applications. What you will learn Create faster, lighter, better web applications by using the AJAX technologies to their full potential Learn to use PHP and MySQL on the server, and Javascript and jQuery on the client, to build real-world AJAX applications Combine client-side and server-side functionality to enhance the user experience of your site using AJAX Learn to simulate private, instance, and static class members in JavaScript Build an AJAX-enabled form validation page, which is safe to work even if the client doesn't support JavaScript and AJAX **Who this book is for** **AJAX and PHP: Building Modern Web Applications, 2nd Edition**, is written for PHP developers who: Want to learn how to use PHP, JavaScript, MySQL and jQuery to implement Web 2.0 applications Are looking for a step-by-step, example-driven AJAX tutorial Want to learn advanced AJAX coding patterns and techniques and be able to assess the security and SEO implications of their code **Downloading the example code for this book.** You can download the example code files for all Packt books you have purchased from your account at <http://www.PacktPub.com>. If you purchased this book elsewhere, you can visit

<http://www.PacktPub.com/support> and register to have the code file.

In just a short time, you can learn how to use Ajax, JavaScript, and PHP to create interactive interfaces to your web applications by combining these powerful technologies. No previous Ajax programming experience is required. Using a straightforward, step-by-step approach, each lesson in this book builds on the previous ones, enabling you to learn the essentials of Ajax programming with JavaScript, PHP, and related technologies from the ground up. Regardless of whether you run Linux, Windows, or Mac OS X, the enclosed CD includes a complete Ajax programming starter kit that gives you all the programming tools, reference information, JavaScript libraries, and server software you need to set up a stable environment for learning, testing, and production. **Learn how to...** Build better, more interactive interfaces for your web applications Make JavaScript, HTML, XML, and PHP work together to create Ajax effects Compile an Ajax application Create and consume web services with SOAP and REST Avoid common errors and troubleshoot programs Use popular Ajax libraries to speed up and improve common programming tasks On the CD XAMPP for Windows, Mac OS X, and Linux—an easy-to-install package to set up a PHP- and MySQL-enabled Apache server on your computer The jEdit programming editor for Windows, Mac, and Linux Prototype, Scriptaculous, Rico, and XOAD—popular JavaScript libraries for creating Ajax applications and effects A complete Ajax, HTML, XML, and PHP tutorial reference library in searchable PDF format Source code for the examples in the book Phil Ballard is a software engineering consultant and developer specializing in website and intranet design and development for an international portfolio of clients. He has an honors degree from the University of Leeds, England, and has worked for several years in commercial and managerial roles in the high technology sector. Michael Moncur is a freelance webmaster and author. He runs a network of websites and has written several bestselling books about web development, networking, certification programs, and databases. **Category:** Web Development **Covers:** Ajax, JavaScript and PHP **User Level:** Beginning–Intermediate

The Definitive Guide to Ajax Web Application Development Evolve from the click-and-wait programming pattern to the latest Web 2.0 paradigm using this comprehensive guide to Ajax. Written by Web development expert Thomas Powell, the book lays out every feature of Ajax alongside detailed explanations and real-world code examples. **Ajax: The Complete Reference** explains how to create and test Ajax-enabled Web applications using the XMLHttpRequest object as well as alternative JavaScript-based communication mechanisms. You'll explore a variety of sample applications featuring emerging user-interface conventions and build applications that address real-world networking and security issues. A robust communication library is developed throughout the book that enables you to architect flexible Ajax applications. The latest technologies such as Web services, Flash-Ajax integration, client-side templates, Comet, and Offline Access are also covered. Discover the future of Web development today! Work with traditional JavaScript communication approaches like iframes Explore all the quirks and details in the XMLHttpRequest object Handle disparate data formats, including XML, JSON, CSV, YAML, and more Deal with networking issues, including timeouts, retries, response ordering, and a variety of server and content errors Simplify JavaScript programming using open-source Ajax libraries like YUI Secure Ajax applications using authentication, obfuscation, and encryption Implement common Ajax UI patterns such as auto suggest, click-to-edit, and drag-and-drop Solve troubling Ajax architecture problems, including back button, history, and bookmarking issues Learn Ajax's role in Web 2.0 and Web services Explore push style communication using Comet and Flash Discover

the future of offline Web application access and operation

Expert techniques to make your websites more interactive and engaging In *JavaScript and jQuery: Interactive Front-End Development*, best-selling author Jon Duckett delivers a fully illustrated guide to making your websites more interactive and your interfaces more interesting and intuitive. In the book, you'll explore basic programming concepts that assume no prior knowledge of programming beyond an ability to create a web page using HTML & CSS. You'll use core elements of the JavaScript language so you can learn how to write your own scripts from scratch, as well as jQuery, which will allow you to simplify the process of writing scripts (this is introduced half-way through the book once you have a solid understanding of JavaScript). You'll also learn to recreate techniques you have seen on other web sites such as sliders, content filters, form validation, Ajax content updates, and much more. Each chapter: Breaks subjects down into bite-sized chunks with a new topic on each page Contains clear descriptions of syntax, each one demonstrated with illustrative code samples Uses diagrams and photography to explain complex concepts in a visual way By the end of the book, not only will you be able to use the thousands of scripts, JavaScript APIs, and jQuery plugins that are freely available on the web - and be able to customize them - you will also be able to create your own scripts from scratch.

If you're comfortable with jQuery but a bit shaky with JavaScript, this concise guide will help you expand your knowledge of the language—especially the code that jQuery covers up for you. Many jQuery devotees write as little code as possible, but with some JavaScript under your belt, you can prevent errors, reduce overhead, and make your application code more efficient. This book explores event handling, prototypes, and working with the DOM and AJAX through examples and lots of code. You'll learn common conventions and patterns in JavaScript and—if you've never coded with JavaScript before—a tutorial will take you through the basics. Enhance your jQuery code by using object constructors and prototypes Reduce overhead and gain more control by handling events with JavaScript Work with the DOM much faster with JavaScript than you can with jQuery Send a few AJAX requests without having to load the entire jQuery library Understand the importance of JavaScript code standards, comments, code reuse, and anti-patterns Enlist JavaScript resources, such as a good IDE, a syntax checker, and version control

The books included in this set are: 9780470502204 *Professional ASP.NET 4: in C# and VB*: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 *Professional C# 4 and .NET 4*: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 *Professional Visual Studio 2010*: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools

9780470499832 *Visual Basic 2010 Programmer's Reference*: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 *WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4*: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 *Professional SQL Server 2008 Programming*: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes *Professional SQL Server 2005 Programmers for .NET 4* developers still working in a SQL Server 2005 setting.

An ASP.NET 2.0 book that just helps you get things done! This book contains a collection of 101 best practice, object oriented solutions that you can easily adapt to your own projects. Coverage includes: Working with text, numbers, dates & times Accessing data with ADO.NET Form validation under multiple scenarios Page, Session and application state tips Access control in web applications Producing standards compliant output Enhancing applications with AJAX Working with Email Handling errors and debugging Performance tips and pitfalls And much more! As a bonus, all book buyers get download access to the code archive which has all the examples in the book in both C# and VB. Back Cover "A comprehensive collection of ready-to-use ASP.NET solutions!" The *ASP.NET 2.0 Anthology: 101 Essential Tips, Tricks & Hacks* is a collection of solutions to the most common ASP.NET problems. Let five world-class ASP.NET professionals guide you through countless practical solutions using C# or VB. Learn to: Add interactivity with Ajax and JavaScript. Build a database access layer for improved portability. Sidestep the ASP.NET framework when required. Build data-driven applications quickly with SubSonic. Gracefully handle errors effectively. Work with email: send, parse, & manage attachments. Use component-based development for flexibility. Make your applications search engine friendly. Validate data input on forms. Create a user registration system. Use Master Pages to simplify development. Work with binary content. Improve the speed of your site, decrease bandwidth usage and speed up database queries And lots more...

Ajax, or Asynchronous JavaScript and XML, exploded onto the scene in the spring of 2005 and remains the hottest story among web developers. With its rich combination of technologies, Ajax provides a strong foundation for creating interactive web applications with XML or JSON-based web services by using JavaScript in the browser to process the web server response. *Ajax Design Patterns* shows you best practices that can dramatically improve your web development projects. It investigates how others have successfully dealt with conflicting design principles in the past and then relays that information directly to you. The patterns outlined in the book fall into four categories: Foundational technology: Examines the raw technologies required for Ajax development Programming: Exposes techniques that developers have discovered to ensure their Ajax applications are maintainable Functionality and usability: Describes the types of user interfaces you'll come across in Ajax applications, as well as the new types of functionality that Ajax makes possible Development: Explains the process

being used to monitor, debug, and test Ajax applications Ajax Design Patterns will also get you up to speed with core Ajax technologies, such as XMLHttpRequest, the DOM, and JSON. Technical discussions are followed by code examples so you can see for yourself just what is-and isn't-possible with Ajax. This handy reference will help you to produce high-quality Ajax architectures, streamline web application performance, and improve the user experience. Michael Mahemoff holds a PhD in Computer Science and Software Engineering from the University of Melbourne, where his thesis was "Design Reuse in Software Engineering and Human-Computer Interaction." He lives in London and consults on software development issues in banking, health care, and logistics. "Michael Mahemoff's Ajax Design Patterns is a truly comprehensive compendium of webapplication design expertise, centered around but not limited to Ajax techniques. Polished nuggets of design wisdom are supported by tutorials and real-world code examples resulting in a book that serves not only as an intermediate to expert handbook but also as an extensive reference for building rich interactive web applications." --Brent Ashley, remote scripting pioneer

Delivering rich, Web 2.0-style experiences has never been easier. This book gives you a complete hands-on introduction to Microsoft ASP.NET AJAX 1.0, the new framework that offers many of the same benefits for Ajax development that ASP.NET provides for server-side development. With Programming ASP.NET AJAX, you'll learn how to create professional, dynamic web pages with Ajax in no time. Loaded with code and examples that demonstrate key aspects of the framework, this book is ideal not only for ASP.NET developers who want to take their applications a step further with Ajax, but for any web developers interested in ASP.NET AJAX, no matter what technology they use currently. That includes JavaScript programmers who would like to avoid the headaches of writing cross-browser code. Programming ASP.NET AJAX offers you: A high-level overview of the ASP.NET AJAX framework Functional code that you can cut and paste for use in your own applications The essentials of JavaScript and Ajax to help you understand individual technologies used by the framework An organization that reflects the framework's packages, including Extensions, Control Toolkit, the Futures CTP, and the AJAX Library Sidebars throughout the book that identify and propose solutions to potential security breaches Ways to use the standards-based AJAX Library with other platforms, such as PHP A complete chapter on the UpdatePanel control for making individual parts of a web page independently updateable -- one of the framework's most important elements Released previously as Programming Atlas to cover the beta version of the Microsoft framework, this edition is fully up-to-date and expanded for the official 1.0 release of ASP.NET AJAX. Written by Christian Wenz -- Microsoft MVP for ASP/ASP.NET and AJAX Control Toolkit Contributor -- Programming ASP.NET AJAX contains many hard-to-find details, along with a few unofficial ways to accomplish things.

Enhance the user experience of your PHP website using AJAX with this practical tutorial featuring detailed case studies

JavaScript is the brains of your Web page—it enables you to modify a document's structure, styling, and content in response to user actions without requesting new pages from the server. Scriptin' with JavaScript and Ajax teaches you how to master this powerful and elegant language so you can develop intuitive user interactions that take the user experience to new levels of sophistication and responsiveness. Today's application-like Web experiences (such as Salesforce.com and Google Maps) and Web 2.0 sites (such as Flickr.com and Twitter) are powered by JavaScript and Ajax. Using the techniques shown in this book, you will be able to start creating similar experiences in the sites you design. Scriptin' with JavaScript and Ajax will teach you how to: Start de-

veloping with JavaScript fast! Write lightweight but powerful object-oriented code Modify the Document Object Model "Progressively enhance" your pages with JavaScript to provide the highest levels of accessibility to all users Learn sophisticated techniques for making your pages respond to user actions Use the downloadable Scriptin' library of helper functions to speed development and ensure cross-browser compatibility Use Ajax scripting techniques to update specific areas of the page with data from the server Create powerful interface interactions, such as sliding panels and tree menus Evaluate frameworks such as jQuery and Prototype to find the best one for your needs Build an online application that looks and responds like a regular desktop application Easily adapt the Scriptin' code examples for use in your own projects—download them at www.scriptinwithajax.com

Provides information and examples on writing JavaScript code, covering such topics as syntax, control, data, regular expressions, and scripting.

Ajax is short for "Asynchronous JavaScript+CSS+DOM+XMLHttpRequest." Even if you weren't intimidated before, that tidbit is probably enough to make you reach for the Excedrin. Just reach for Ajax For Dummies instead. With screen shots, actual code and explanations, and live Web sites where you can see Ajax applications doing their thing, it will have you using Ajax to create Web applications that look an act like desktop applications in no time. With Ajax, you can speed up and clean up your Web applications. Shoppers at your online store can fill their carts without waiting for multiple page refreshes. Searchers on your sites can get instant results on the same page. This guide takes you on a tour of how Ajax is used today, complete with examples of Ajax applications in action, such as an Ajax-enabled Yahoo! search or an Ajax-based chat application. Then it gives you basics on using JavaScript. After that you dive in and get info on: Writing some Ajax, interactive mouseovers using Ajax, passing data to the server with GET or POST, and more Connecting to Google for a live search Using free Ajax frameworks so you don't have to start from scratch, including Ajax Gold (written specifically for this book), AJAXLib, and grabbing XML with libXmlRequest All kinds of Ajax techniques, such as using Ajax for drag-and-drop operations, pop-up menus, downloading images behind the scenes, and more Using SACK (simple AJAX code kit), decoding XML with Sarissa, and creating visual effects with Rico Handling XML int Ajax Applications Working with cascading style sheets (CCS) in Ajax, including setting up the styles, displaying a menu, styling text, handling colors and backgrounds, and more Working with Ajax and PHP Complete with a companion Web site, free Ajax frameworks, and sample code you can use, Ajax for Dummies is your friendly guide to creating truly user-friendly Web sites! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Preparing readers to program in C#, this authoritative guide provides the necessary background information on how the .NET architecture works Begins with a tutorial on C# 2005 and the .NET 3.0 Framework, then moves through the vast .NET class library, showing how C# can be used to solve various tasks Includes coverage of the new .NET 3.0 Framework, Generics, ObjectSpaces, .NET 3.0 in SQL Server, ASP.NET 3.0, Windows Communication Foundation, Windows Workflow Foundation, Windows Presentation Foundation, arrays, system transactions, tracing, and event logging Additional coverage includes such topics as writing Windows applications and Windows services, writing Web pages and Web services with ASP.NET 3.0, manipulating XML using C# 2005, and generating graphics using C# 2005

It's time for a current, definitive JavaScript book, and in this comprehensive beginner's guide, bestselling author Larry Ullman

teaches the language as it is implemented today. Larry demonstrates how to build upon JavaScript's ease of use, while demystifying its often-cryptic syntax, especially for those who have not programmed before. This book enforces modern JavaScript's best practices and embraces key Web development approaches such as progressive enhancement and unobtrusive scripting. The author demonstrates loads of real-world code and makes it available for download. You'll learn about JavaScript itself and the relationship between JavaScript and HTML. Next you'll explore variables, common operators, and control structures. Then you'll create functions, handle events, and do more with HTML forms. You'll master Ajax, work with frameworks, and use JavaScript with PHP to create a complete example. The result is a book that helps you not just tinker with JavaScript but to thoroughly comprehend it. This book includes: Easy step-by-step instruction, ample illustrations, and clear examples Real-world techniques to build your skills Insight into best practices from a veteran Web expert Emphasis on strategies for creating reliable code that will work on all of today's browsers and devices, even those without JavaScript

This is the most up-to-date book on JavaScript available, covering current standards, techniques, and practices. It provides all you need to know to hit the ground running, without making you trawl through hundreds of pages of syntax. The book contains multiple

chapters on Ajax and DOM Scripting, which are two of the hottest web development and design tools available today. Using a pragmatic and thorough approach, the book ensures that even the most novice JavaScript programmers will become familiar and comfortable using the tools presented.

This "learn by example" book offers 10 complete JavaScript projects that will save web developers countless hours of development time. These projects can serve as samples to learn from and/or be adapted for use in other projects. The 10 projects all address common needs in modern web applications, including a utility library, a validation framework, a GUI widget framework, a dynamic event calendar application, a drag and drop shopping cart, and more! Coverage details JavaScript best practices, Ajax techniques, and some of the most popular JavaScript libraries, such as Prototype, Script.aculo.us, and the Yahoo YUI library.

JavaScript is characterized by enabling interaction, the language was created so that anyone surfing the internet could engage with a website instantaneously without downloading files or refreshing a page. This book looks at the early history of web browsers, traces the evolution of JavaScript, and explains the many applications of the language today, including Adobe Photoshop and online quizzes.

Provides information on building interactive Web applications using Ajax.