Ajax The Definitive Guide Interactive Applications For The Web

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 developing 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
This book covers: 1. Basic programming concepts - assuming no prior knowledge of programming beyond an ability to create a web page using HTML & CSS ; 2. Core elements of the JavaScript language - so you can learn how to write your own scripts from scratch ; 3. 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) ; 4. How to recreate techniques you will have seen on other web sites such as sliders, content filters, form validation, updating content using Ajax, and 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 inspiring code samples ; Uses diagrams and photography to explain complex concepts in a visual way. This book enables you to use & customize thousands of scripts, JavaScript APIs, and jQuery plugins that are freely available on the web as well as create your own scripts from scratch.
Ajax is no longer an experimental approach to website development, but the key to building browser-based applications that form the cornerstone of Web 2.0. Head First Ajax gives you an up-to-date perspective that lets you see exactly what you can do—and has been done—with Ajax. With it, you get a highly

practical, in-depth, and mature view of what is now a mature development approach. Using the unique and highly effective visual format that has turned Head First titles into runaway bestsellers, this book offers a big picture overview to introduce Ajax, and then explores the use of individual Ajax components—including the JavaScript event model, DOM, XML, JSON, and more—as it progresses. You'll find plenty of sample applications that illustrate the concepts, along with exercises, quizzes, and other interactive features to help you retain what you've learned. Head First Ajax covers: The JavaScript event model Making Ajax requests with XMLHTTPREQUEST objects The asynchronous application model The Document Object Model (DOM) Manipulating the DOM in JavaScript Controlling the browser with the Browser Object Model XHTML Forms POST Requests XML Syntax and the XML DOM tree XML Requests & Responses JSON -- an alternative to XML Ajax architecture & patterns The Prototype Library The book also discusses the server-side implications of building Ajax applications, and uses a "black box" approach to server-side components. Head First Ajax is the ideal guide for experienced web developers comfortable with scripting—particularly those who have completed the exercises in Head First JavaScript—and for experienced programmers in Java, PHP, and C# who want to learn client-side programming. Provides information on scripting Web applications with JavaScript.

Get Started Fast with Modern JavaScript Web Development! With the arrival of HTML5, jQuery, and Ajax, JavaScript web development skills are more valuable than ever! This complete, hands-on JavaScript tutorial covers everything you need to know now. Using line-by-line code walkthroughs and end-of-chapter exercises, top web developer and speaker Tim Wright will help you get results fast, even if you've never written a line of JavaScript before. Smart, friendly, enthusiastic, and packed with modern examples, Learning JavaScript covers both design-level and development-level JavaScript. You'll find expert knowledge and best practices for everything from jQuery and interface design to code organization and front-end templating. Wright's focused coverage includes regular break points and clear reviews that make modern JavaScript easier to learn—and easier to use! Learning JavaScript is your fastest route to success with JavaScript—whether you're entirely new to the language or you need to sharpen and upgrade skills you first learned a decade ago! Coverage includes • Mastering all of the JavaScript concepts and terminology you need to write new programs or efficiently modify existing code • Creating robust, secure code for both the design and development levels • Maximizing usability, reusability, accessibility, clarity, security, and performance • Taking full advantage of the browser environments your code will run in • Accessing the DOM to create behaviors and data interactions • Storing data for easy and efficient access • Using variables, functions, loops, and other core language features • Interacting with users through events • Communicating with servers through Ajax • Improving your productivity with JavaScript libraries

This book constitutes the refereed joint proceedings of four co-located international conferences, concertedly held in Miyazaki, Japan, in June 2010. The papers in this volume were selected based on their scores obtained from the independent reviewing processes at particular conferences, and their relevance to the idea of constructing hybrid solution to address the real-world challenges of IT. It provides a chance for academic and industry professionals to catch up on recent progress in the related areas. The 49 revised full papers presented were carefully reviewed and selected during two rounds of reviewing and improvement from more than 1000 initial submissions. The papers emanate from the four following international conferences: Information Security and Assurance (ISA 2010), Advanced Communication and Networking (ACN 2010), Advanced Science and Technology (AST 2010), and Ubiquitous Computing and Multimedia Applications (UCMA 2010). This volume focuses on various aspects of advance Recent achievements in hardware and software development, such as multi-core CPUs and DRAM capacities of multiple terabytes per server, enabled the introduction of a revolutionary technology: in-memory data management. This technology supports the flexible and extremely fast analysis of massive amounts of enterprise data. Professor Hasso Plattner and his research group at the Hasso Plattner Institute in Potsdam, Germany, have been investigating and teaching the corresponding concepts and their adoption in the software industry for years. This book is based on an online course that was first launched in autumn 2012 with more than 13,000 enrolled students and marked the successful starting point of the openHPI e-learning platform. The course is mainly designed for students of computer science, software engineering, and IT related subjects, but addresses business experts, software developers, technology experts, and IT analysts alike. Plattner and his group focus on exploring the inner mechanics of a column-oriented dictionary-encoded in-memory database. Covered topics include - amongst others - physical data storage and access, basic database operators, compression mechanisms, and parallel join algorithms. Beyond that, implications for future enterprise applications and their development are discussed. Step by step, readers will understand the radical differences and advantages of the new technology over traditional row-oriented, disk-based databases. In this completely revised 2nd edition, we incorporate the feedback of thousands of course participants on openHPI and take into account latest advancements in hard- and software. Improved figures, explanations, and examples further ease the understanding of the concepts presented. We introduce advanced data management techniques such as transparent aggregate caches and provide new showcases that demonstrate the potential of in-memory databases for two diverse industries: retail and life sciences.

The perennial bestseller returns with new details for using the latest tools and techniques available with JavaScript JavaScript is the definitive language for making the Web a dynamic, rich, interactive medium. This guide to JavaScript builds on the success of previous editions and introduces you to many new

advances in JavaScript development. The reorganization of the chapters helps streamline your learning process while new examples provide you with updated JavaScript programming techniques. You'll get all-new coverage of Ajax for remote scripting, JavaScript frameworks, JavaScript and XML, and the latest features in modern Web browsers. Plus, all the featured code has been updated to ensure compliance with the most recent popular Web browsers. Introduces you to the latest capabilities of JavaScript, the definitive language for developing dynamic, rich, interactive Web sites Features new coverage of data types and variables, JavaScript and XML, Ajax for remote scripting, and popular JavaScript frameworks Offers updated code that ensures compliance with the most popular Web browsers Includes improved examples on the most up-to-date JavaScript programming techniques Continuing in the superlative tradition of the first three editions, Beginning JavaScript, Fourth Edition, gets you up to speed on all the new advances in JavaScript development.

NeoPopRealism Journal and Wonderpedia founded by Nadia Russ in 2007 (N.J.) and 2008 (W.). Wonderpedia is dedicated to books published all over the globe after year 2000, offering the books' reviews.

Is Ajax a new technology, or the same old stuff web developers have been using for years? Both, actually. This book demonstrates not only how tried-and-true web standards make Ajax possible, but how these older technologies allow you to give sites a decidedly modern Web 2.0 feel. Ajax: The Definitive Guide explains how to use standards like JavaScript, XML, CSS, and XHTML, along with the XMLHttpRequest object, to build browser-based web applications that function like desktop programs. You get a complete background on what goes into today's web sites and applications, and learn to leverage these tools along with Ajax for advanced browser searching, web services, mashups, and more. You discover how to turn a web browser and web site into a true application, and why developing with Ajax is faster, easier and cheaper. The book also explains: How to connect server-side backend components to user interfaces in the browser Loading and manipulating XML documents, and how to replace XML with JSON Manipulating the Document Object Model (DOM) Designing Ajax interfaces for usability, functionality, visualization, and accessibility Site navigation layout, including issues with Ajax and the browser's back button Adding life to tables & lists, navigation boxes and windows Animation creation, interactive forms, and data validation Search, web services and mash-ups Applying Ajax to business communications, and creating Internet games without plug-ins The advantages of modular coding, ways to optimize Ajax applications, and more This book also provides references to XML and XSLT, popular JavaScript Frameworks, Libraries, and Toolkits, and various Web Service APIs. By offering web developers a much broader set of tools and options, Ajax gives developers a new way to create content on the Web, while throwing off the constraints of the past. Ajax: The Definitive Guide describes the contents of this unique toolbox in exhaustive detail, and explains how to get the most out of it.

Grails is a full stack framework which aims to greatly simplify the task of building serious web applications for the JVM. The concepts within Grails, like interceptors, tag libs, and Groovy Server Pages (GSP), make those in the Java community feel right at home. Grails' foundation is on solid open source technologies such as Spring, Hibernate, and SiteMesh, which gives it even more potential in the Java space: Spring provides powerful inversion of control and MVC, Hibernate brings a stable, mature object relational mapping technology with the ability to integrate with legacy systems, and SiteMesh handles flexible layout control and page decoration. Grails complements these with additional features that take advantage of the coding–by–convention paradigm such as dynamic tag libraries, Grails object relational mapping, Groovy Server Pages, and scaffolding. Graeme Rocher, Grails lead and founder, and Jeff Brown bring you completely up–to–date with their authoritative and fully comprehensive guide to the Grails 2 framework. You'll get to know all the core features, services, and Grails extensions via plug–ins, and understand the roles that Groovy and Grails are playing in the changing Web.

Learn to build dynamic, interactive web applications using the two most important approaches to web development today: Ajax and the phenomenally efficient Ruby on Rails platform. This book teaches intermediate to advanced web developers how to use both Ajax and Rails to quickly build high-performance, scalable applications without being overwhelmed with thousands of lines of JavaScript code. More than just recipes, you also get a thorough, low-level understanding of what's happening under the hood. Ajax on Rails includes three fully worked out Rails/Ajax applications, and quick reference sections for Prototype and script.aculo.us. Testing lessons show you how to eliminate cross-browser JavaScript errors and DOM debugging nightmares using a combination of Firebug, and Venkman. Advanced material explains the most current design practices for Ajax usability. You'll learn to avoid user experience mistakes with proven design patterns. Beyond the how-to, Ajax on Rails helps you consider when Ajax is (and isn't) appropriate, and the trade-offs associated with it. For those new to Rails, this book provides a quick introduction, the big picture, a walk through the installation process, and some tips on getting started. If you've already started working with Rails and seek to deepen your skill set, you'll find dozens of examples drawn from real-world projects, exhaustive reference for every relevant feature, and expert advice on how to "Ajaxify" your applications. Provides information on the basics of Ajax to create Web applications that function like desktop programs.

Build interactive Web applications with Ajax Create live searches and online spreadsheets Discover programming mistakes to avoid! Create blazing-fast Web applications with powerful Ajax If you think that mastering Ajax is too difficult, guess again. You can create Web applications that look and feel like desktop apps in less time than you think with the comprehensive Ajax instruction in this in-depth book. You'll find easy-to-follow tutorials, hundreds of tips and tricks, and so

much practical information that even skilled developers will reach for this book first. Let this Bible be your guide as you jump into the hottest Web programming technology in years. * Master the fundamentals--JavaScript(r), XML, dynamic HTML, and CSS * Tie Ajax into Google with the Google(r) API * Handle simultaneous XMLHttpRequest objects in Ajax * Use Ajax frameworks such as Ruby on Rails, AjaxTags, and others * Understand the Document Object Model (DOM) * Create floating menus and effects with CSS * Encrypt data over plain HTTP using JavaScript * Adapt real-world examples to your own programs Companion Web site Find all the code used throughout the book at www.wiley.com/go/ajaxbible

With this book, web developers can build engaging and interactive sites and applications using Microsoft's latest web development tools -- ASP.NET 2.0 and the new ASP.NET AJAX framework. You learn to create applications that have all the great tricks you see on popular commercial web sites, such as order forms and the ability to interact with a database. And you can build pages that display information interactively without a page refresh. This straightforward tutorial explains how. Learning ASP.NET 2.0 with AJAX helps you master the concepts and techniques of Microsoft's tools with plenty of annotated examples, review quizzes, web construction exercises and chapter summaries, so you can practice new skills and test your understanding as you go. With it, you'll learn to: Master the fundamental skills of ASP.NET 2.0 to build professional quality web applications Integrate new Ajax tools and CSS with ASP.NET 2.0 for flashier and more interactive sites Build applications with minimal coding using Visual Studio or its free counterpart, Visual Web Developer Connect your site with a database so that users can retrieve, interact and save data Debug your application, deal with unexpected problems, and protect your site from malicious users Use the community-maintained ASP.NET AJAX Control Toolkit to extend the controls that come with ASP.NET AJAX Use personalization tools to give your site a customized look for each user Ideal for beginning web developers, or those who are new to ASP.NET, this book gets you involved with your own learning through hands-on lessons that are clear and to the point. You get the chance to try out new techniques on the spot. Want to join the world of modern web development? This book will get you started.

SugarCRM is a leading open-source customer relations management tool and development platform with nearly 5.5 million downloads, nearly 17,000 developers, and lots more users. The Definitive Guide to SugarCRM is the first official SugarCRM book available to developers and users. This definitive book begins with a discussion of the SugarCRM platform components, namely MVC, Studio, Module Builder, authentication, and themes. Next, you'll learn how to customize the modules SugarCRM comes with out of the box in an upgrade-safe manner. The text then presents an example application that a typical business might use and shows how to build it using SugarCRM, using both existing functionality as well as newly added functionality.

In this book, cofounder and lead developer James Gardner brings you a comprehensive introduction to Pylons, the web framework that uses the best of Ruby, Python, and Perl and the emerging WSGI standard to provide structure and flexibility. You'll learn how to create your own Pylons-driven web site and attain the mastery of advanced Pylons features. You'll also learn how to stretch Pylons to its fullest ability, as well as share Gardner's unique insight and extensive experience in developing and deploying Pylons for a wide variety of situations.

A new edition of a bestseller covers the latest advances in web development! HTML5 and CSS3 are essential tools for creating dynamic websites and boast updates and enhanced features that can make your websites even more effective and unique. This friendly, all-in-one guide covers everything you need to know about each of these technologies and their latest versions so that you can use them together. Building on the bestselling formats of the first two editions, this new edition teaches you the fundamentals of HTML5 and CSS3, and then presents ways for using them with JavaScript, MySQL, and Ajax to create websites that work. Covers using JavaScript, PHP, MySQL, and Ajax in the context of programming dynamic web pages with CSS3 and HTML5 Includes self-contained minibooks that review HTML, CSS, design and layout, client-side JavaScript, Ajax and server-side, and putting it all together Examines new web development advancements including new technologies and changes to the standards Features a website that contains supporting materials including code and several valuable programs that are useful for web development HTML5 and CSS3 All-in-One For Dummies, 3rd Edition serves as the perfect reference for both web development beginners and seasoned professionals looking to learn more about how to get the most out of the powerful combination of HTML5 and CSS3.

In plain English that puts concepts in proper context, this book gives readers a better understanding of Vista's innovations and capabilities, teaches administrators how to leverage Vista to increase worker productivity, and demonstrates how the system can best protect sensitive data.

Build interactive, data-driven websites with the potent combination of open-source technologies and web standards, even if you only have basic HTML knowledge. With this popular hands-on guide, you'll tackle dynamic web programming with the help of today's core technologies: PHP, MySQL, JavaScript, CSS, and HTML5. Explore each technology separately, learn how to use them together, and pick up valuable web programming practices along the way. At the end of the book, you'll put everything together to build a fully functional social networking site. Learn PHP in-depth, along with the basics of object-oriented programming Explore MySQL, from database structure to complex queries Create dynamic PHP web pages that tailor themselves to the user Manage cookies and sessions, and maintain a high level of security Master the JavaScript language and use it to create interactive web pages Use Ajax calls

for background browser/server communication Acquire CSS2 & CSS3 skills for professionally styling your web pages Implement all the new HTML5 features, including geolocation, audio, video, and the canvas

A guide to building Web sites using Dreamweaver's CSS tools, along with the features of PHP and Ajax.

Utilize the power of Squarespace to create custom professional websites. Learn the principles and tools used by Squarespace's most successful web professionals to take your skills to the next level. Beginning with an overview of the Squarespace interface and template selection guidelines, this book shows you how the key web languages work together within Squarespace. You'll also see how to use the Custom CSS Editor, Code Injections, and Code Blocks to customize Squarespace templates and how the Style Editor selections affect the template's structure. Learn the accommodations that must be made in JavaScript for the customizations to work correctly in AJAX-based templates. Finally, discover what Developer Mode is, how to use it, and when to use it. The Definitive Guide to Squarespace is the only book you need to get up and running with Squarespace web development. What You'll Learn Choose the right selectors for your CSS or JavaScript customization. Understand what AJAX is and how it impacts the templates that use it. Explore the structure of Squarespace templates Who This Book Is For Web designers, developers, digital marketers, and advanced personal-use users

Spring Web Flow is an exciting open-source framework for developing Java web applications. The framework improves productivity by addressing three major pain–points facing web application developers: user interface navigation control, state management, and modularity. The Definitive Guide to Spring Web Flow covers Spring Web Flow in detail by explaining its motivation and feature set, as well as providing practical guidance for using the framework to develop web applications successfully in a number of environments.

The bestselling JavaScript reference, now updated to reflect changes in technology and best practices As the most comprehensive book on the market, the JavaScript Bible is a classic bestseller that keeps you up to date on the latest changes in JavaScript, the leading technology for incorporating interactivity into Web pages. Part tutorial, part reference, this book serves as both a learning tool for building new JavaScript skills as well as a detailed reference for the more experienced JavaScript user. You'll get up-to-date coverage on the latest JavaScript practices that have been implemented since the previous edition, as well as the most updated code listings that reflect new concepts. Plus, you'll learn how to apply the latest JavaScript exception handling and custom object techniques. Coverage includes: JavaScript's Role in the World Wide Web and Beyond Developing a Scripting Strategy Selecting and Using Your Tools JavaScript Essentials Your First JavaScript Script Browser and Document Objects Scripts and HTML Documents Programming Fundamentals Window and Document Objects Forms and Form Elements Strings, Math, and Dates Scripting

Frames and Multiple Windows Images and Dynamic HTML The String Object The Math, Number, and Boolean Objects The Date Object The Array Object JSON - Native JavaScript Object Notation E4X - Native XML Processing Control Structures and Exception Handling JavaScript Operators Function Objects and Custom Objects Global Functions and Statements Document Object Model Essentials Generic HTML Element Objects Window and Frame Objects Location and History Objects Document and Body Objects Link and Anchor Objects Image, Area, Map, and Canvas Objects Event Objects Practical examples of working code round out this new edition and contribute to helping you learn JavaScript quickly yet thoroughly.

The rise of Ruby on Rails has signified a huge shift in how we build web applications today; it is a fantastic framework with a growing community. There is, however, space for another such framework that integrates seamlessly with Java. Thousands of companies have invested in Java, and these same companies are losing out on the benefits of a Rails–like framework. Enter Grails. Grails is not just a Rails clone. It aims to provide a Rails–like environment that is more familiar to Java developers and employs idioms that Java developers are comfortable using, making the adjustment in mentality to a dynamic framework less of a jump. The concepts within Grails, like interceptors, tag libs, and Groovy Server Pages (GSP), make those in the Java community feel right at home. Grails' foundation is on solid open source technologies such as Spring, Hibernate, and SiteMesh, which gives it even more potential in the Java space: Spring provides powerful inversion of control and MVC, Hibernate brings a stable, mature object relational mapping technology with the ability to integrate with legacy systems, and SiteMesh handles flexible layout control and page decoration. Grails complements these with additional features that take advantage of the coding–by–convention paradigm such as dynamic tag libraries, Grails object relational mapping, Groovy Server Pages, and scaffolding. Graeme Rocher, Grails lead and founder, and Jeff Brown bring you completely up–to–date with their authoritative and fully comprehensive guide to the Grails framework. You'll get to know all the core features, services, and Grails extensions via plug–ins, and understand the roles that Groovy and Grails are playing in the changing Web. Get started fast with jQuery web programming The jQuery JavaScript library greatly simplifies the creation of modern, rich web applications, while seamlessly integrating with virtually all leading web development platforms and frameworks. Learning jQuery will guide you through using jQuery, jQuery UI, and jQuery Mobile in your own projects. One step at a time, you'll learn how to do everything from adding simple effects through building complete rich Internet applications. This code-rich tutorial is designed for every working web developer. After clearly explaining all the basics, Ralph Steyer shows how to apply jQuery to create effects, animations, slideshows, lists, drag-and-droppable elements, interactive forms, and much more. If you're a web developer with even basic JavaScript experience, Learning jQuery is your fastest route to success with jQuery • Discover what jQuery can do, and how it works with JavaScript and DOM • Select components to support dynamic processes • Manipulate web page content and structure • Apply and change formatting with CSS style sheets through jQuery • Handle complex events more effectively and reliably • Generate time-dependent and time-independent CSS effects • Expand jQuery's capabilities with plug-ins • Use jQuery to create simpler, better, more powerful AJAX code • Master powerful, flexible jQuery UI plug-ins for visual control and user interaction • Simplify the creation of jQuery UI interfaces with ThemeRoller • Master basic rules for successfully working with components and widgets • Construct touch-enabled mobile front ends with jQuery Mobile

The Definitive Guide to Plone, Second Edition has been completely updated to cover version 3

of Plone and its newest features. This book provides a complete and detailed overview of Plone. It is divided into three parts, which cover using, configuring, and developing and customizing Plone. After the coverage of Plone's features, the case studies in the final part of the book reveal the true power of Plone. These case studies demonstrate Plone's ability to handle all kinds of requirements, while retaining an easy–to–use interface for users. As when you're working with Plone itself, you can choose where to start in this book and how best to apply it to your own needs. With Plone, anyone can manage a website or work with an efficient intranet. Start reading The Definitive Guide to Plone, Second Edition right away, and the World Wide Web will be yours! Fully covers content management with Plone in Windows, Mac OS X, and Linux Shows how to configure, administer, and maintain Plone Details the development of custom applications with Plone Includes case studies that show how Plone is already being deployed across networks and businesses

This practical guide shows you how to make your Java web applications more responsive and dynamic by incorporating new Ajaxian features, including suggestion lists, drag-and-drop, and more. Java developers can choose between many different ways of incorporating Ajax, from building JavaScript into your applications "by hand" to using the new Google Web Toolkit (GWT). Ajax on Java starts with an introduction to Ajax, showing you how to write some basic applications that use client-side JavaScript to request information from a Java servlet and display it without doing a full page reload. It also presents several strategies for communicating between the client and the server, including sending raw data, and using XML or JSON (JavaScript Object Notation) for sending more complex collections of data. The book then branches out into different approaches for incorporating Ajax, which include: The Prototype and script.aculo.us Javascript libraries, the Dojo and Rico libraries, and DWR Integrating Ajax into Java ServerPages (JSP) applications Using Ajax with Struts Integrating Ajax into Java ServerFaces (JSF) applications Using Google's GWT, which offers a pure Java approach to developing web applications: your client-side components are written in Java, and compiled into HTML and JavaScript Ajax gives web developers the ability to build applications that are more interactive, more dynamic, more exciting and enjoyable for your users. If you're a Java developer and haven't tried Ajax, but would like to get started, this book is essential. Your users will be grateful.

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
With this book, Web designers who usually turn out static Websites with HTML and CSS can make the leap to the next level of Web development--full-fledged, dynamic, database-driven Websites using PHP and SQL.

Ajax, the popular term for Asynchronous JavaScript and XML, is one of the most important combinations of technologies for web developers to know these days. With its rich grouping of technologies, Ajax developers can create interactive web applications with XML-based web services, using JavaScript in the browser to process the web server response. Taking complete advantage of Ajax, however, requires something more than your typical "how-to" book. What it calls for is Ajax Hacks from O'Reilly. This valuable guide provides direct, hands-on solutions that take the mystery out of Ajax's many capabilities. Each hack represents a clever way to accomplish a specific task, saving you countless hours of searching for the right answer. A smart collection of 80 insider tips and tricks, Ajax Hacks covers all of the technology's finer points. Want to build next-generation web applications today? This book can show you how. Among the multitude of topics addressed, it shows you techniques for: Using Ajax with Google Maps and Yahoo Maps Displaying Weather.com data Scraping stock quotes Fetching postal codes Building web forms with auto-complete functionality Ajax Hacks also features a number of advanced hacks for accelerated web developers. Discover how to create huge, maintainable bookmarklets, how to use client-side storage for Ajax applications, and how to call a built-in Java object from JavaScript using Ajax. The book even addresses best practices for testing Ajax applications and improving maintenance, performance, and reliability for JavaScript code. The latest in O"Reilly's celebrated Hacks series, Ajax Hacks smartly complements other O'Reilly titles such as Head Rush Ajax and JavaScript: The Definitive Guide.

Presents practical instrucion and theory for using the features of HTML5 to create a online gaming applications.

Explains how to use the programming language to add interactivity and animation to Web sites, covering image swaps, functions, frames, cookies, alarms, frames, shopping carts, and Ajax.

Would you like to create powerful Ajax applications without having to be a JavaScript expert? Are you a Java developer who is looking for a better way to build rich web applications? In this book we'll introduce you to ThinWire, an innovative open source Ajax framework that strives to empower Java developers of all skill levels. Learn how to create responsive, expressive & interactive web applications with ease. Rather than requiring you to work in the dual worlds of client & server side programming, with ThinWire you write your entire application in Java on the server-side, without writing any JavaScript, HTML or CSS. ThinWire accomplishes this feat by encapsulating the underlying client-side rendering and data communication layers, instead providing you with a clean Java component model for dealing with familiar concepts such as a buttons, trees, or grids. Use the ThinWire Handbook as a developer guide while building your ThinWire applications or just as a way to learn more about this innovative framework. Either way, the handbook provides complete coverage of all the goodies that the framework has to offer, giving you everything you need to know to build virtually any kind of Ajax web application. Whether you're looking to tackle a small personal project or a large enterprise class project, ThinWire has

the power to deliver and with the ThinWire Handbook by your side, you'll have the know-how.

Ajax: The Definitive GuideInteractive Applications for the Web"O'Reilly Media, Inc."

This book, authored by project and documentation leads Fabien Potencier and François Zaninotto, serves as a complete guide to all aspects of Symfony. Readers are guided through fundamental concepts such as installation, configuration, and security, followed by thorough discussion of advanced concepts such as scaffolding, routing, caching, and internationalization. Bundled with numerous tools for helping document, debug, and test your applications, and developed in a manner encouraging agile development principles, Symfony is sparking the imagination of thousands of developers around the globe. Ubiquitous environments are important because they allow users to move about freely and continue the interaction with the available applications through a variety of interactive devices (including cell phones, PDA's, desktop computers, digital television sets, and intelligent watches). A frustrating limitation is that people have to start their session over again from the beginning at each interaction device change. This book reports results based on the work in the OPEN project. It provides solutions able to address three key aspects: device change, state persistence and content adaptation. There is a lack of migratory services technology for the migration of applications in different usage scenarios. This book offers a general and open migratory service platform solution based on a sound and innovative scientific approach developed by a multi-disciplinary consortium combining the expertise of three technological world leaders, three well-known research organizations and one SME.

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