

## Understanding Ajax Consuming The Sent Data With Xml And Json Prentice Hall Open Source Software Development

AJAX: fast mastery for experienced Web developers! Already an experienced Web developer? Apply your skills in today's fastest-growing area of Web development: AJAX! Building on what you already know, this fast-paced guide will show you exactly how to create rich, usable Internet applications. Joshua Eichorn teaches through sophisticated code examples, including extensive server-side PHP code. You won't just learn how to code AJAX applications: Eichorn covers the entire development lifecycle, from use cases and design through debugging. He also presents detailed application case studies, including a start-to-finish update of a non-AJAX application that addresses everything from feature improvements to changing usage patterns. Coverage includes: · How AJAX changes the conventional Web development cycle · Problems created by the AJAX paradigm -- and how to avoid them · Adding AJAX to existing Web applications: key considerations · Using core AJAX technologies, including the XMLHttpRequest object · Consuming data returned to an AJAX application using both XSLT and JSON · Building more usable AJAX applications: guidelines and downloadable resources · Use cases: solving real-world problems in the AJAX environment · Libraries and toolkits for simplifying AJAX development, including Sarissa, scriptaculous, and HTML\_AJAX · A complete guide to AJAX debugging · Supporting browsers without XMLHttpRequest by using IFrames or cookies · JSON data encoding debugging guide, which covers tools for Firefox and Internet Explorer · A list of libraries, which includes PHP, .NET, Java, and other libraries that can be used with any server language

"Every developer working with the Web needs to read this book." -- David Heinemeier Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam Trachtenberg, PHP author and EBay Web Services Evangelist You've built web sites that can be used by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

"Probably the most wide ranging and complete Linux device driver book I've read." --Alan Cox, Linux Guru and Key Kernel Developer "Very comprehensive and detailed, covering almost every single Linux device driver type." --Theodore Ts'o, First Linux Kernel Developer in North America and Chief Platform Strategist of the Linux Foundation The Most Practical Guide to Writing Linux Device Drivers Linux now offers an exceptionally robust environment for driver development: with today's kernels, what once required years of development time can be accomplished in days. In this practical, example-driven book, one of the world's most experienced Linux driver developers systematically demonstrates how to develop reliable Linux drivers for virtually any device. Essential Linux Device Drivers is for any programmer with a working knowledge of operating systems and C, including programmers who have never written drivers before. Sreekrishnan Venkateswaran focuses on the essentials, bringing together all the concepts and techniques you need, while avoiding topics that only matter in highly specialized situations. Venkateswaran begins by reviewing the Linux 2.6 kernel capabilities that are most relevant to driver developers. He introduces simple device classes; then turns to serial buses such as I2C and SPI; external buses such as PCMCIA, PCI, and USB; video, audio, block, network, and wireless device drivers; user-space drivers; and drivers for embedded Linux—one of today's fastest growing areas of Linux development. For each, Venkateswaran explains the technology, inspects relevant kernel source files, and walks through developing a complete example. • Addresses drivers discussed in no other book, including drivers for I2C, video, sound, PCMCIA, and different types of flash memory • Demystifies essential kernel services and facilities, including kernel threads and helper interfaces • Teaches polling, asynchronous notification, and I/O control • Introduces the Inter-Integrated Circuit Protocol for embedded Linux drivers • Covers multimedia device drivers using the Linux-Video subsystem and Linux-Audio framework • Shows how Linux implements support for wireless technologies such as Bluetooth, Infrared, WiFi, and cellular networking • Describes the entire driver development lifecycle, through debugging and maintenance • Includes reference appendixes covering Linux assembly, BIOS calls, and Seq files

Windows Live is the collective name for a group of Microsoft tools whose services and user data are available anywhere-without ever having to install an application Windows Live currently consists of: Windows Live Mail, Windows Live Safety Center, Windows Live Favorites, Windows Live OneCare, Windows Live Messenger, Windows Live Search, and Windows Live Local Certified Microsoft Software Developer Jon Arking shares his experience in developing for Windows Live, and teaches readers how to build applications that embrace the Windows Live platform Packed with examples, this hands-on guide offers an insightful look at the tools and technologies behind Windows Live, using the MSN Activities APIs, building mapping applications with Virtual Earth APIs, and developing Gadgets for both online and Windows Vista Also examines integrating MSN Search capabilities as well as Live services into existing sites with Live

custom domains

Annotation A practical tutorial to using Microsoft AJAX to enhance the user experience of your ASP.NET web applications covering the most up to date versions of the AJAX tools. With ASP.NET AJAX (formerly known as ATLAS) developers can quickly create rich and responsive web pages with efficient server communication by simply adding a few server controls to their pages. Because ASP.NET AJAX is integrated with ASP.NET, developers have full access to the built-in ASP.NET 2.0 application services and the entire .NET Framework. This book is the most practical and efficient resource a reader can get to enter the exciting world of AJAX in ASP.NET. Targeting the most recent version of the ASP.NET AJAX tools, this book will teach you how to create faster, lighter, and richer web applications by using the Microsoft AJAX technologies to their full potential. Beginning with a hands-on tour of the basic technologies associated with AJAX, JavaScript, XMLHttpRequest, JSON, and the DOM, you'll move on to a crash course in the Microsoft AJAX tools. You'll understand the architecture of the Microsoft AJAX components, how they all fit together, and exactly what they can do for you. At every stage of your journey, you'll be able to try out examples to illuminate the theory, and consolidate your understanding. In addition to learning about the client and server controls, you'll also see how to handle errors and debug your ASP.NET AJAX applications. To get your client pages interacting with your server, the Microsoft AJAX framework allows you to consume web services on the client without having to worry about the underlying protocol used for exchanging the data. You will see how to create ASP.NET web services in practice, and consume them in your AJAX applications. To get your client pages interacting with servers on other domains, the Microsoft AJAX framework provides bridges that allow you to make cross-domain calls seamlessly. This book shows you how this works and how to implement it, including how to consume services from Amazon's ECS (E-Commerce Services). Microsoft AJAX brings the power of the ASP.NET data presentation server controls to the client, enhancing the power and responsiveness of controls such as the GridView and DetailsView. You will learn about using the data client controls to create truly responsive web applications that interact seamlessly not just with your servers and your data, but also with other servers and other sources of data should you choose. This book is a practical tutorial to get you confident and comfortable working with the Microsoft AJAX suite. Packed with step-by-step examples and detailed explanations of how the examples work, this book is the ideal first step into the exciting world of AJAX in ASP.NET. This book is written for ASP.NET developers who not only want to understand how Microsoft AJAX will impact on the way they develop web applications, but also want to make the transition to better, more responsive applications as easily as possible. You will need access to either Visual Studio Web Developer Express or Visual Studio .NET 2005. All the code examples are in C#. Cristian Darie is a software engineer and celebrated author of numerous technical books, including the popular "Beginning E-Commerce" series. He has experience in a wide range of modern technologies. Having worked with computers since he was old enough to press the keyboard, he initially tasted programming success with a first prize in his first programming contest at the age of 12. From there, Cristian moved on to many other similar achievements, and now he is studying distributed application architectures for his PhD degree. He always loves hearing feedback about his books, so don't hesitate dropping a "hello" message when you have a spare moment. Cristian can be contacted through his personal website at [www.cristiandarie.ro](http://www.cristiandarie.ro). Bogdan Brinzarea has a strong background in Computer Science holding Master and Bachelor Degrees from the Automatic Control and Computers Faculty of the Politehnica University of Bucharest, Romania and also an Auditor diploma from the Computer Science department at Ecole Polytechnique, Paris, France. His main interests cover a wide area from embedded programming, to distributed and mobile computing, and new web technologies. Currently, he is employed as an Alternative Channels Specialist at Banca Romaneasca, Member of National Bank of Greece where he is responsible for the Internet Banking project and coordinates other projects related to security applications

Build Web Services Better and Faster with RESTful Techniques and .NET Technologies Developers are rapidly discovering the power of REST to simplify the development of even the most sophisticated Web services—and today's .NET platform is packed with tools for effective REST development. Now, for the first time, there's a complete, practical guide to building REST-based services with .NET development technologies. Long-time .NET and Web services developers and authors Kenn Scribner and Scott Seely explain why REST fits so smoothly into the Internet ecosystem, why RESTful services are so much easier to build, what it means to be RESTful, and how to identify behaviors that are not RESTful. Next, they review the core Internet standards and .NET technologies used to develop RESTful solutions and show exactly how to apply them on both the client and server side. Using detailed code examples, Scribner and Seely begin with simple ASP.NET techniques, and then introduce increasingly powerful options—including Windows Communication Foundation (WCF) and Microsoft's cloud computing initiative, Azure. Coverage includes • Accessing RESTful services from desktop applications, using Windows Forms and WPF • Supporting Web client operations using Silverlight 2.0, JavaScript, and other technologies • Understanding how IIS 7.0 processes HTTP requests and using that knowledge to build better REST services • Constructing REST services based on traditional ASP.NET constructs • Utilizing the ASP.NET MVC Framework to implement RESTful services more effectively • Taking advantage of WCF 3.5's powerful REST-specific capabilities • Creating RESTful data views effortlessly with ADO.NET Data Services • Leveraging Microsoft's Azure cloud-computing platform to build innovative new services • Choosing the right .NET technology for each REST application or service

This book discusses what Ajax is and what it means to Web developers, as well as the technologies behind Ajax applications. Working through this book, you'll discover how Ajax gives web developers the ability to build applications that are more interactive, more dynamic, more exciting and enjoyable for their users. This book shows you how to write some basic applications that use client-side JavaScript to request information from a Server side component and display it without doing a full page reload. This book teaches you how to create applications according to Ajax principles. 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. • AJAX: A New Approach • Understanding JavaScript for AJAX • Asynchronous data transfer with XMLHttpRequest • Implementing AJAX Frameworks • Implementing Yahoo UI Library • Implementing Google Web Toolkit • Creating Maps in AJAX • Creating ASP.NET AJAX Application • Integrating PHP and AJAX • Integrating AJAX with JSF • Integrating AJAX with Struts • Faster data transfer with JSON in AJAX • Understanding AJAX Patterns • Consuming Web Services in AJAX • Securing AJAX Applications • Debugging the AJAX Application

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

Ajax and web services are a perfect match for developing web applications. Ajax has built-in abilities to access and manipulate XML data, the native format for almost all REST and SOAP web services. Using numerous examples, this document explores how to fit the pieces together. Examples demonstrate how to use Ajax to access publicly available web services from Yahoo! and Google. You'll also learn how to use web proxies to access data on remote servers and how to transform XML data using XSLT.

A vivid and entertaining story in its own right, the Trojan Epic is also particularly significant for what it reveals about its sources -- the much older, now lost Greek epics about the Trojan War known collectively as the Epic Cycle. Written in the Homeric era, these poems recounted events not included in the Iliad or the Odyssey. As Alan James makes clear in this vibrant and faithful new translation, Quintus's work deserves attention for its literary-historical importance and its narrative power. James's line-by-line verse translation in English reveals the original as an exciting and eloquent tale of gods and heroes, bravery and cunning, hubris and brutality. James includes a substantial introduction that places the work in its literary and historical context, a detailed and annotated book-by-book summary of the epic, a commentary on sources, and an explanatory index of proper names.

Performance is critical to the success of any web site, and yet today's web applications push browsers to their limits with increasing amounts of rich content and heavy use of Ajax. In this book, Steve Souders, web performance evangelist at Google and former Chief Performance Yahoo!, provides valuable techniques to help you optimize your site's performance. Souders' previous book, the bestselling High Performance Web Sites, shocked the web development world by revealing that 80% of the time it takes for a web page to load is on the client side. In Even Faster Web Sites, Souders and eight expert contributors provide best practices and pragmatic advice for improving your site's performance in three critical categories: JavaScript—Get advice for understanding Ajax performance, writing efficient JavaScript, creating responsive applications, loading scripts without blocking other components, and more. Network—Learn to share resources across multiple domains, reduce image size without loss of quality, and use chunked encoding to render pages faster. Browser—Discover alternatives to iframes, how to simplify CSS selectors, and other techniques. Speed is essential for today's rich media web sites and Web 2.0 applications. With this book, you'll learn how to shave precious seconds off your sites' load times and make them respond even faster. This book contains six guest chapters contributed by Dion Almaer, Doug Crockford, Ben Galbraith, Tony Gentilcore, Dylan Schiemann, Stoyan Stefanov, Nicole Sullivan, and Nicholas C. Zakas.

Professional Ajax 2nd Edition provides a developer-level tutorial of Ajax techniques, patterns, and use cases. The book begins by exploring the roots of Ajax, covering how the evolution of the web and new technologies directly led to the development of Ajax techniques. A detailed discussion of how frames, JavaScript, cookies, XML, and XMLHttpRequests (XHR) related to Ajax is included. After this introduction, the book moves on to cover the implementation of specific Ajax techniques. Request brokers such as hidden frames, dynamic iframes, and XHR are compared and contrasted, explaining when one method should be used over another. To make this discussion clearer, a brief overview of HTTP requests and responses is included. Once a basic understanding of the various request types is discussed, the book moves on to provide in-depth examples of how and when to use Ajax in a web site or web application. Different data transmission formats, including plain text, HTML, XML, and JSON are discussed for their advantages and disadvantages. Also included is a discussion on web services and how they may be used to perform Ajax techniques. Next, more complex topics are covered. A chapter introducing a request management framework explores how to manage all of the requests inside of an Ajax application. Ajax debugging techniques are also discussed.

Professional Ajax 2nd edition 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. Professional Ajax 2nd edition adds nearly 200 pages of new and expanded coverage compared to the first edition.

Whether you're building GUI prototypes or full-fledged cross-platform GUI applications with native look-and-feel, PyQt 4 is your fastest, easiest, most powerful solution. Qt expert Mark Summerfield has written the definitive best-practice guide to PyQt 4 development. With Rapid GUI Programming with Python and Qt you'll learn how to build efficient GUI applications that run on all major operating systems, including Windows, Mac OS X, Linux, and many versions of Unix, using the same source code for all of them. Summerfield systematically introduces every core GUI development technique: from dialogs and windows to data handling; from events to printing; and more. Through the book's realistic examples you'll discover a completely new PyQt 4-based programming approach, as well as coverage of many new topics, from PyQt 4's rich text engine to advanced model/view and graphics/view programming. Every key concept is illuminated with realistic, downloadable examples—all tested on Windows, Mac OS X, and Linux with Python 2.5, Qt 4.2, and PyQt 4.2, and on Windows and Linux with Qt 4.3 and PyQt 4.3.

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

A step-by-step pragmatic approach to web application development using Spring MVC, with relevant screenshots and concise explanations. This book is aimed at helping Java developers who want to teach themselves Spring MVC, even if they have no previous experience with Spring MVC. It would be helpful to have a bit of familiarity with basic servlet programming concepts, but no prior experience is required.

Want to build a killer Web site? Want to make it easy to keep your site up to date? You'll need to know how CSS, HTML, and XHTML work together. HTML, XHTML, and CSS All-In-One Desk Reference For Dummies makes that easy too! These eight minibooks get you started, explain standards, and help you connect all the dots to create sites with pizzazz. This handy, one-stop guide catches you up on XHTML basics and CSS fundamentals. You'll learn how to work with Positionable CSS to create floating elements, margins, and multi-column layouts, and you'll get up to speed on client-side programming with JavaScript. You'll also get the low-down on server side programming with PHP,

creating a database with MySQL, and using Ajax on both client and server sides. You'll find out how to: Use templates and validators Manage information with lists and tables Turn lists of links into button bars Add style color and borders Create variables for data Add motion with basic DOM animation Work with arrays Add Flash functionality with AFLAX Build and manage a multipage site Choose and run your own server You don't need expensive or complicated software or a super-powerful computer to build a Web site that does all sorts of amazing things. All you need is a text editor and the clear, step-by-step guidance you'll find in HTML, XHTML, and CSS All-In-One Desk Reference For Dummies.

"Ajax with PHP 5" is a detailed overview of how to use PHP technologies to create interactive, fault-tolerant, and responsive web applications. This Short Cut first concentrates on the fundamentals of Ajax. Then it covers serving (or providing) content formatted in both XML and JSON. Finally, we completely immerse ourselves in the Ajax world and write two PHP applications that use each markup language on both the client and server. We encourage you to use the classes and examples given to produce your own rich Web 2.0-style applications.

'An Escape to Reality' follows the story of Young one after the murder of her father and brothers. When her mother was forced to give birth Young one was sent to live under the guidance of the King. After the king attempts to force marriage upon Young one, she flees with the company of her best friend in order to join the resistance to fight back. Follow Young one's journey to seek who she really is.

With its tutorial-like design, the text covers many basic and advanced topics for building dynamic database driven ASP.NET Web applications. (Computer Books)

Prepare for the Pivotal Certified Spring Web Application Developer exam and learn about Spring MVC DispatcherServlet configuration, Spring MVC programming model essentials, Spring MVC views and form processing, Spring Web Flow essentials, and Spring Web Flow actions and configuration. The Pivotal Certified Spring Web Application Developer Exam: A Study Guide is the ideal preparation for the exam and after reading and using it, you'll be able to pass and become a certified Spring Web Developer. When you become a Pivotal Certified Spring Web Application Developer, you'll receive one of the most valuable credentials available in enterprise Java. Achieving this certification demonstrates your ability to apply Spring's web projects to develop real-world Java web applications and validates your familiarity with Spring Web.

Leverage the power of Spring MVC, Spring Boot, Spring Cloud, and additional popular web frameworks. About This Book Discover key Spring Framework-related technology standards such as Spring core, Spring-AOP, Spring data access frameworks, and Spring testing to develop robust Java applications easily This course is packed with tips and tricks that demonstrate Industry best practices on developing a Spring-MVC-based application Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries and explore new possibilities Who This Book Is For This course is intended for Java developers interested in building enterprise-level applications with Spring Framework. Prior knowledge of Java programming and web development concepts (and a basic knowledge of XML) is expected. What You Will Learn Understand the architecture of Spring Framework and how to set up the key components of the Spring Application Development Environment Configure Spring Container and manage Spring beans using XML and Annotation Practice Spring AOP concepts such as Aspect, Advice, Pointcut, and Introduction Integrate bean validation and custom validation Use error handling and exception resolving Get to grips with REST-based web service development and Ajax Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Get familiar with end-to-end microservices written in Spring Framework and Spring Boot In Detail This carefully designed course aims to get you started with Spring, the most widely adopted Java framework, and then goes on to more advanced topics such as building microservices using Spring Boot within Spring. With additional coverage of popular web frameworks such as Struts, WebWork, Java Server Faces, Tapestry, Docker, and Mesos, you'll have all the skills and expertise you need to build great applications. Starting with the Spring Framework architecture and setting up the key components of the Spring Application Development Environment, you will learn how to configure Spring Container and manage Spring beans using XML and Annotation. Next, you will delve into Spring MVC, which will help you build flexible and loosely coupled web applications. You'll also get to grips with testing applications for reliability. Moving on, this course will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, this book will help you build modern, Internet-scale Java applications in no time. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning Spring Application Development by Ravi Kant Soni Spring MVC Beginner's Guide - Second Edition by Amuthan Ganeshan Spring Microservices by Rajesh RV Style and approach This is a step-by-step guide for building a complete application and developing scalable microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components

SELinux: Bring World-Class Security to Any Linux Environment! SELinux offers Linux/UNIX integrators, administrators, and developers a state-of-the-art platform for building and maintaining highly secure solutions. Now that SELinux is included in the Linux 2.6 kernel—and delivered by default in Fedora Core, Red Hat Enterprise Linux, and other major distributions—it's easier than ever to take advantage of its benefits. SELinux by Example is the first complete, hands-on guide to using SELinux in production environments. Authored by three leading SELinux researchers and developers, it illuminates every facet of working with SELinux, from its architecture and security object model to its policy language. The book thoroughly explains SELinux sample policies—including the powerful new Reference Policy—showing how to quickly adapt them to your unique environment. It also contains a comprehensive SELinux policy language reference and covers exciting new features in Fedora Core 5 and the upcoming Red Hat Enterprise Linux version 5.

- Thoroughly understand SELinux's access control and security mechanisms
- Use SELinux to construct secure systems from the ground up
- Gain fine-grained control over kernel resources
- Write policy statements for type enforcement, roles, users, and constraints
- Use optional multilevel security to enforce information classification and manage users with diverse clearances
- Create conditional policies that can be changed on-the-fly
- Define, manage, and maintain SELinux security policies
- Develop and write new SELinux security policy modules
- Leverage emerging SELinux technologies to gain even greater flexibility
- Effectively administer any SELinux system

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

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 web application 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

Expert Solutions and State-of-the-Art Code Examples SOA Using Java™ Web Services is a hands-on guide to implementing Web services and Service Oriented Architecture (SOA) with today's Java EE 5 and Java SE 6 platforms. Author Mark Hansen presents in explicit detail the information that enterprise developers and architects need to succeed, from best-practice design techniques to state-of-the-art code samples. Hansen covers creating, deploying, and invoking Web services that can be composed into loosely coupled SOA applications. He begins by reviewing the "big picture," including the challenges of Java-based SOA development and the limitations of traditional approaches. Next, he systematically introduces the latest Java Web Services (JWS) APIs and walks through creating Web services that integrate into a comprehensive SOA solution. Finally, he shows how application frameworks based on JWS can streamline the entire SOA development process and introduces one such framework: SOA-J. The book Introduces practical techniques for managing the complexity of Web services and SOA, including best-practice design examples Offers hard-won insights into building effective SOA applications with Java Web Services Illuminates recent major JWS improvements—including two full chapters on JAX-WS 2.0 Thoroughly explains SOA integration using WSDL, SOAP, Java/XML mapping, and JAXB 2.0 data binding Walks step by step through packaging and deploying Web services components on Java EE 5 with JSR-181 (WS-Metadata 2.0) and JSR-109 Includes specific code solutions for many development issues, from publishing REST endpoints to consuming SOAP services with WSDL Presents a complete case study using the JWS APIs, together with an Ajax front end, to build a SOA application integrating Amazon, Yahoo Shopping, and eBay Contains hundreds of code samples—all tested with the GlassFish Java EE 5 reference implementation—that are downloadable from the companion Web site, <http://soabook.com>. Foreword Preface Acknowledgments About the Author Chapter 1: Service-Oriented Architecture with Java Web Services Chapter 2: An Overview of Java Web Services Chapter 3: Basic SOA Using REST Chapter 4: The Role of WSDL, SOAP, and Java/XML Mapping in SOA Chapter 5: The JAXB 2.0 Data Binding Chapter 6: JAX-WS—Client-Side Development Chapter 7: JAX-WS 2.0—Server-Side Development Chapter 8: Packaging and Deployment of SOA Components (JSR-181 and JSR-109) Chapter 9: SOAShopper: Integrating eBay, Amazon, and Yahoo! Shopping Chapter 10: Ajax and Java Web Services Chapter 11: WSDL-Centric Java Web Services with SOA-J Appendix A: Java, XML, and Web Services Standards Used in This Book Appendix B: Software Configuration Guide Appendix C: Namespace Prefixes Glossary References Index

This book is a step-by-step, practical tutorial with a simple approach to help you build RESTful web applications and services on the .NET framework quickly and efficiently. This book is for ASP.NET web developers who want to explore REST-based services with C# 5. This book contains many real-world code examples with explanations whenever necessary. Some experience with C# and ASP.NET 4 is expected.

\* Completely up to date with the ASP.NET 2.0 technology and demonstrates the new best-practices and coding styles that it requires \* Focuses on developer's needs, explaining the technology in a manner applicable to development projects \* Provides comprehensive coverage of ASP.NET 2.0 (with C# .NET 2.0), providing thorough understanding of the subject area Demonstrates the use of NuSOAP toolkit for developing server- and client side web services and consuming publicly available web services

Prototype and Scriptaculous are libraries that extend standard Ajax. They make it easier to program Ajax and provide powerful features like drag and drop and animation. In this book, developers learn by playing and see how the libraries work in the real world. As experience with Ajax increases, developers want the standard Ajax capabilities they repeatedly use to be preprogrammed for them--and that's exactly what Ajax libraries do for them. They reduce the pain of handling cross-browser inconsistencies, they add useful language features, and provide sophisticated functionality. Of these, Prototype is the most popular JavaScript and Ajax framework for low-level user interface features such as animation, drag and drop, and pre-built widgets. Together, they free the developer up to concentrate on building the application. They make a rich user experience easy to achieve. This book guides the reader through the Prototype and

Scriptaculous libraries feature-by-feature. In just 350 pages, readers will find over 100 small working examples to help them explore the libraries. As well, they will develop a web-based image gallery that teaches them how to use Prototype and Scriptaculous in the real-world. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Use the Google Ajax Search API to integrate web search, image search, local search, and other types of search into your web site by embedding a simple, dynamic search box to display search results in your own web pages using a few lines of JavaScript. For those who do not want to write code, the search wizards and solutions built with the Google Ajax Search API generate code to accomplish common tasks like adding local search results to a Google Maps API mashup, adding video search thumbnails to your web site, or adding a news reel with the latest up-to-date stories to your blog. More advanced users can directly access the raw search results to heavily customize the look and feel of results for your web application, and create new and innovative mashup applications.

Understanding AJAX Using JavaScript to Create Rich Internet Applications Prentice Hall

Annotation This compilation of best practice jQuery solutions provides a cookbook of ready-to-go suggestions to help breathe life into any web page. It covers topics such as scrolling, animating, backgrounds, crossfaders, menus, buttons and how to write your own jQuery plug-ins.

Enhanced by more than five hundred oversized, annotated screenshots, a visual handbook explains how users can create a variety of Windows Vista gadgets customized to meet the needs of each individual Vista user, featuring clear, easy-to-follow instructions, concise examples, tips, and techniques for developing gadgets for both Sidebar and SideShow, adding RSS feeds, and more. Original. (All Users)

“The Xen hypervisor has become an incredibly strategic resource for the industry, as the focal point of innovation in cross-platform virtualization technology. David’s book will play a key role in helping the Xen community and ecosystem to grow.” –Simon Crosby, CTO, XenSource  
An Under-the-Hood Guide to the Power of Xen Hypervisor Internals  
The Definitive Guide to the Xen Hypervisor is a comprehensive handbook on the inner workings of XenSource’s powerful open source paravirtualization solution. From architecture to kernel internals, author David Chisnall exposes key code components and shows you how the technology works, providing the essential information you need to fully harness and exploit the Xen hypervisor to develop cost-effective, high-performance Linux and Windows virtual environments. Granted exclusive access to the XenSource team, Chisnall lays down a solid framework with overviews of virtualization and the design philosophy behind the Xen hypervisor. Next, Chisnall takes you on an in-depth exploration of the hypervisor’s architecture, interfaces, device support, management tools, and internals—including key information for developers who want to optimize applications for virtual environments. He reveals the power and pitfalls of Xen in real-world examples and includes hands-on exercises, so you gain valuable experience as you learn. This insightful resource gives you a detailed picture of how all the pieces of the Xen hypervisor fit and work together, setting you on the path to building and implementing a streamlined, cost-efficient virtual enterprise. Coverage includes

- Understanding the Xen virtual architecture
- Using shared info pages, grant tables, and the memory management subsystem
- Interpreting Xen’s abstract device interfaces
- Configuring and managing device support, including event channels, monitoring with XenStore, supporting core devices, and adding new device types
- Navigating the inner workings of the Xen API and userspace tools
- Coordinating virtual machines with the Scheduler Interface and API, and adding a new scheduler
- Securing near-native speed on guest machines using HVM
- Planning for future needs, including porting, power management, new devices, and unusual architectures

In just 24 sessions of one hour or less, you’ll learn how to build advanced web sites and applications with ASP.NET Ajax—and upgrade existing pages to deliver more power and business value. Using a straightforward, step-by-step approach, each lesson equips you with sufficient information and guides you to mastery of Ajax in real-world applications. One step at a time, you’ll discover how to make the most of the Microsoft Ajax Library and Ajax Server Extensions. You’ll develop secure, reliable Web services and applications that solve real problems—including a complete sample e-commerce application. Step-by-step instructions carefully walk you through the most common questions, issues, and tasks. Quizzes help you build and test your knowledge. Notes, tips, and cautions point out shortcuts, solutions, and potential problems to avoid. New terms are clearly defined and explained. Learn how to...

- Incorporate ASP.NET Ajax into any new or existing web site or application
- Use ASP.NET architecture, key concepts, and client-side scripting techniques
- Design and build a complete e-commerce application
- Use ASP.NET Ajax to create higher-performance web applications
- Use all the key Ajax Server Extensions, including the Ajax Control Toolkit
- Work with the ASP.NET Ajax authentication and profile services
- Extend the Microsoft Ajax Library
- Efficiently debug and trace ASP.NET Ajax code
- Leverage the benefits of Ajax by implementing a sample application

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Over 85 easy recipes for managing communication between applications with Microsoft Windows Communication Foundation 4.0 in this book and eBook.

Programmers: protect and defend your Web apps against attack! You may know ASP.NET, but if you don't understand how to secure your applications, you need this book. This vital guide explores the often-overlooked topic of teaching programmers how to design ASP.NET Web applications so as to prevent online thefts and security breaches. You'll start with a thorough look at ASP.NET 3.5 basics and see happens when you don't implement security, including some amazing examples. The book then delves into the

development of a Web application, walking you through the vulnerable points at every phase. Learn to factor security in from the ground up, discover a wealth of tips and industry best practices, and explore code libraries and more resources provided by Microsoft and others. Shows you step by step how to implement the very latest security techniques Reveals the secrets of secret-keeping—encryption, hashing, and not leaking information to begin with Delves into authentication, authorizing, and securing sessions Explains how to secure Web servers and Web services, including WCF and ASMX Walks you through threat modeling, so you can anticipate problems Offers best practices, techniques, and industry trends you can put to use right away Defend and secure your ASP.NET 3.5 framework Web sites with this must-have guide.

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