

Design Ument For Web Application

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DOM Scripting Jeremy Keith 2006-11-07 * Most JavaScript books are very long-winded, boring, and developer-oriented – this one provides a quick and easy reference for those who are not code experts, but want to quickly learn and take advantage of JavaScript/DOM to add cool functionality to their web sites. * Shows readers how to build several real world projects. * All examples are fiercely standards compliant and up-to-date.

Secure and Resilient Software Development Mark S. Merkow 2010-06-16 Although many software books highlight open problems in secure software development, few provide easily actionable, ground-level solutions. Breaking the mold, Secure and Resilient Software Development teaches you how to apply best practices and standards for consistent and secure software development. It details specific quality software developmen

Java EE Web Application Primer Dave Wolf 2017-12-05 Build an online messaging app using Java Servlets, JSP, Expression Language, JSTL, JPQL, Sessions/Cookies, HTML/CSS/JavaScript, and the Bootstrap framework. This book explains Java EE, along with its associated technologies making it perfect for those with at least basic programming experience in Java or C. Java EE Web Application Primer teaches you how to develop complete web applications using Oracle as the database. By the end of the book you will have developed an online messaging app like Twitter. From there you can create other applications such as an online survey tool. What You'll Learn Build a Twitter-like web application called Bullhorn using Java, Oracle, and more Create web applications using Eclipse Design web pages with HTML forms, tables, and more Use SQL along with Java and Oracle for database accessibility Connect to a database using the Java Persistence APIs Create dynamic web pages with JavaScript, JSP, and the tag libraries Get web pages to stand out with Bootstrap, jQuery, and CSS Who This Book Is For Those with at least basic programming experience in Java or C.

Beginning CSS Richard York 2007-05-22 Cascading style sheets (CSS) are the modern standard for website presentation. When combined with a structural markup language such as HTML, XHTML, or XML (though not limited to these), cascading style sheets provide Internet browsers with the information that enables them to present all the visual aspects of a web document. Cascading style sheets apply things such as borders, spacing between paragraphs, headings or images, control of font faces or font colors, background colors and images, textual effects such as underlined or strike-through text, layering, positioning, and a number of other presentational effects. CSS controls the presentational aspects of a web page's design, whereas HTML, XHTML, or XML controls the structure of a web page, which means little more than determining that certain text is a heading, other text is a paragraph, still other text is a list of hyperlinks, and so on. CSS provides enhanced and precise visual rendering; markup languages such as HTML provide meaning and structure. Beginning CSS: Cascading Style Sheets for Web Design, Second Edition covers all the details required to combine CSS with HTML, XHTML, or XML to create rich, aesthetically powerful designs. Throughout the book, you'll focus on combining CSS with XHTML specifically because XHTML is the standard hailed by Internet standards bodies as the successor to HTML and the present and future of website design. CSS and XHTML allow a web document to be presented with less code, resulting in a significantly smaller file size and greatly increased ease of maintenance. CSS also enables the presentation of a web document to be centralized, which allows for the look and feel of an entire website to be written and centralized in one or a few simple documents, which makes updating a website a breeze. With only a few simple edits to a single document, the look and feel of an entire website can be completely changed. By using modern standards like CSS and XHTML, you can drastically reduce the cost of building and maintaining a website when compared to legacy HTML-only pages. You can also greatly reduce the amount of physical bandwidth and hard disk space required, resulting in immediate long-term benefits for any website. This book also discusses how to style XML documents with CSS—XML being a more advanced markup language with multipurpose applications. XML will play an increasingly larger role in the production of XHTML documents in the future. This second edition of Beginning CSS features a near-complete overhaul of the content from the first edition. Changes based on what readers had to say about the first edition helped to create the most comprehensive introduction on CSS available on the market. Throughout this book, you see CSS broken down into simple examples that focus on a single concept at a time. This allows you to better understand how and why something works, since you aren't presented with a lot of irrelevant code, and you can better see the bits and pieces that come together that make something work. While these examples may not be particularly pretty, they are extremely valuable learning tools that will help you master cascading style sheets. To enhance the learning experience, most of the source code examples are presented in syntax-colored code, a special feature in this book. Syntax coloring is a feature that you commonly see in fancy development software, such as Zend Studio (used to develop PHP), or Microsoft's Visual Studio (used to develop ASP, C#, and so on), and other software used by professional programmers every day. Syntax coloring is used in these software suites to make programming easier and more intuitive, and it offers tremendous benefits in teaching as well. It allows you to see what the different bits and pieces are in source code, since each of the different bits and pieces has a differ

Universal Design for Web Applications Wendy Chisholm 2008-11-14 Universal Design for Web Applications teaches you how to build websites that are more accessible to people with disabilities and explains why doing so is good business. It takes more work up front, but the potential payoff is huge -- especially when mobile users need to access your sites. You'll discover how to use standards-based web technologies -- such as XHTML, CSS, and Ajax, along with video and Flash -- to develop applications for a wide range of users and a variety of devices, including the mobile Web. You'll also learn specifics about this target audience, especially the key over-50 age group, whose use of the Web is rapidly growing. With this book, you will: Learn the importance of metadata and how it affects images, headings, and other design elements Build forms that accommodate cell phones, screen readers, word prediction, and more Create designs using color and text that are effective in a variety of situations Construct tables that present information without spatial cues Design Ajax-driven social networking applications that people with disabilities can access Provide audio with transcriptions and video that includes captions and audio descriptions Discover assistive technology support for Rich Internet Application technologies such as Flash, Flex, and Silverlight Universal Design for Web Applications provides you with a roadmap to help you design easy-to-maintain web applications that benefit a larger audience.

Mastering JavaScript Single Page Application Development Philip Klauzinski 2016-10-28 An in-depth guide to exploring the design, architecture, and techniques behind building sophisticated, scalable, and maintainable single-page applications in JavaScript About This Book Build large-scale, feature-complete SPAs by leveraging widely used tools and techniques. Gain a solid understanding of architecture and SPA design to build applications using the library or framework of your choice. Explore the various facets of SPA development to build web apps that are fast, scalable, and easy to test. Who This Book Is For This book is ideal for JavaScript developers who want to build complex single-page applications in JavaScript. Some basic understanding of SPA concepts will be helpful but not essential. What You Will Learn Organize your development environment using the command line with NPM, Bower, and Grunt. Choose an accurate design pattern for your app Understand modular JavaScript programming and Node.js Interact with a REST API using JavaScript and AJAX with practical examples Build a single page application using the MEAN stack Connect your app across popular social media platforms such as Facebook, Twitter, and LinkedIn Test your app, both on the server side and in views Prepare your app for the real world and deploy it to Heroku In Detail Single-page web applications—or SPAs, as they are commonly referred to—are quickly becoming the de facto standard for web app development. The fact that a major part of the app runs inside a single web page makes it very interesting and appealing. Also, the accelerated growth of browser capabilities is pushing us closer to the day when all apps will run entirely in the browser. This book will take your JavaScript development skills to the next level by teaching you to create a single-page application within a full-stack JavaScript environment. Using only JavaScript, you can go from being a front-end developer to a full-stack application developer with relative ease. You will learn to cross the boundary from front-end development to server-side development through the use of JavaScript on both ends. Use your existing knowledge of JavaScript by learning to manage a JSON document data store with MongoDB, writing a JavaScript powered REST API with Node.js and Express, and designing a front-end powered by AngularJS. This book will teach you to leverage the MEAN stack to do everything from document database design, routing REST web API requests, data-binding within views, and adding authentication and security to building a full-fledged, complex, single-page web application. In addition to building a full-stack JavaScript app, you will learn to test it with JavaScript-powered testing tools such as Mocha, Karma, and Jasmine. Finally, you will learn about deployment and scaling so that you can launch your own apps into the real world. Style and approach Following a structured approach, this book helps readers gain expertise in SPA development. Its thorough coverage of SPA

architecture and design, along with practical use cases, provides readers with a clear path to building applications with the library of their choice. For readers who are afraid to take the plunge straightaway, the book also offers step-by-step guidance on developing a complex web app.

The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop CS6, Illustrator CS6 & InDesign CS6 Allan Wood 2013-06-25 THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 6th Edition not only introduces readers to the essential features of industry-standard software applications, but also gives them an understanding of how to integrate these programs into a seamless whole. Using a highly visual and project-based approach, this fully revised new edition examines Macintosh OS X Lion and Windows 7 operating systems, as well the "Big 3" digital design programs used in the graphics industry today: Adobe Illustrator CS6, Adobe Photoshop CS6, and Adobe InDesign CS6. After thoroughly examining the features of each application from the designer's perspective, the author then reveals in practical detail the traditional skills and technology necessary for effective design for print and Web media. Using online project files, readers are encouraged to practice what they have learned by tackling design projects throughout the text from concept to completion. Effectively merging theory with practice, THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 6th Edition stresses the critical importance of integration in design while meeting design parameters and client expectations. For access to the online project files please refer to the directions in the preface of the book. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Redesign the Web 2010 Unlike its predecessors, the new Smashing Books 3 and 3 and a half have the main theme: Redesign. The books are a professional guide on how to redesign websites, but they also introduce a whole new mindset for progressive Web design. They challenge you to think differently about your work and will change the way you design websites forever. A detailed look at the business and technical side of redesign is followed by a comprehensive overview of advanced HTML5, CSS3 and JavaScript techniques that you can use today. You will get useful advice on innovative UX techniques, learn about the peculiarities of mobile context in Web design and discover useful Photoshop techniques for the new Web. You will explore a practical hands on guide to a bulletproof workflow for responsive Web design. Finally, you will also dive deep into emotional design, content strategy and storytelling. TABLE OF CONTENTS - Preface - The Business Side of Redesign - Selecting a Platform: Technical Considerations for Your Redesign - Jumping Into HTML - Restyle, Recode, Reimagine With CSS3 - JavaScript Rediscovered: Tricks to Replace Complex jQuery - Techniques for Building Better User Experiences - Designing for the Future, Using Photoshop - Redesigning With Personality - Mobile Considerations in User Experience Design: Web or Native? - Workflow Redesign: A Future Friendly Approach - Becoming Fabulously Flexible: Designing Atoms and Elements This Book was written by Elliot Jay Stocks, Paul Boag, Rachel Andrew, Ben Schwarz, David Storey, Lea Verou, Christian Heilmann, Dmitry Fadeyev, Marc Edwards, Aarron Walter, Aral Balkan, Stephen Hay, Andy Clarke and The Smashing Editorial Team.

Designing Web Navigation James Kalbach 2007-08-28 Thoroughly rewritten for today's web environment, this bestselling book offers a fresh look at a fundamental topic of web site development: navigation design. Amid all the changes to the Web in the past decade, and all the hype about Web 2.0 and various "rich" interactive technologies, the basic problems of creating a good web navigation system remain. Designing Web Navigation demonstrates that good navigation is not about technology-it's about the ways people find information, and how you guide them. Ideal for beginning to intermediate web designers, managers, other non-designers, and web development pros looking for another perspective, Designing Web Navigation offers basic design principles, development techniques and practical advice, with real-world examples and essential concepts seamlessly folded in. How does your web site serve your business objectives? How does it meet a user's needs? You'll learn that navigation design touches most other aspects of web site development. This book: Provides the foundations of web navigation and offers a framework for navigation design Paints a broad picture of web navigation and basic human information behavior Demonstrates how navigation reflects brand and affects site credibility Helps you understand the problem you're trying to solve before you set out to design Thoroughly reviews the mechanisms and different types of navigation Explores "information scent" and "information shape" Explains "persuasive" architecture and other design concepts Covers special contexts, such as navigation design for web applications Includes an entire chapter on tagging While Designing Web Navigation focuses on creating navigation systems for large, information-rich sites serving a business purpose, the principles and techniques in the book also apply to small sites. Well researched and cited, this book serves as an excellent reference on the topic, as well as a superb teaching guide. Each chapter ends with suggested reading and a set of questions that offer exercises for experiencing the concepts in action.

Photoshop CS at Your Fingertips Jason Cranford Teague 2006-07-14 Fast Answers at Your Fingertips Photoshop CS at Your Fingertips is the first ever task-based reference to Photoshop. Every page of this critically acclaimed guide is focused on giving you immediate access to the information you need to get your work done. Inside you'll find: Complete coverage of every aspect of Photoshop CS, from image correction and manipulation to printing to web design An intuitive organization that lets you search according to what you want to do Clear, step-by-step instructions At-a-glance shortcuts and time-saving tips A visual reference to the Photoshop CS interface This groundbreaking book was written by expert authors who share inside knowledge accumulated over years of intensive Photoshop use. Whatever your field or level of experience, you've found the Photoshop reference you've been waiting for.

Commerce, Justice, Science, and Related Agencies Appropriations for 2012 United States. Congress. House. Committee on Appropriations. Subcommittee on Commerce, Justice, Science, and Related Agencies 2011

Google Apps Script James Ferreira 2014-03-24 Learn how to create dynamic web applications with Google Apps Script and take full advantage of your Google-hosted services. If you have basic coding skills and some JavaScript experience, this practical book shows you how Apps Script works, and provides step-by-step guidance for building applications you can use right away. Apps Script is handy for automating Google Apps tasks, but it also serves as a complete application platform. With this book, you'll learn how to build, store, run, and share data-driven web apps right on Google Drive. You'll have access to complete code and working examples that show you how everything fits together. Build an interactive Web App UI that runs on most web and mobile browsers Create a sample product catalog that displays custom data from a spreadsheet Develop an application to generate web forms from templates Use Apps Script to build a simple web-based database application Design a document workflow builder that users can quickly customize Create a Google form that lets you select and send email responses Debug your code and keep track of script problems after deployment

Dreamweaver MX 2004 Savvy Christian Crumlish 2006-02-20

Engineering Web Applications Sven Casteleyn 2009-07-25 Nowadays, Web applications are almost omnipresent. The Web has become a platform not only for information delivery, but also for eCommerce systems, social networks, mobile services, and distributed learning environments. Engineering Web applications involves many intrinsic challenges due to their distributed nature, content orientation, and the requirement to make them available to a wide spectrum of users who are unknown in advance. The authors discuss these challenges in the context of well-established engineering processes, covering the whole product lifecycle from requirements engineering through design and implementation to deployment and maintenance. They stress the importance of models in Web application development, and they compare well-known Web-specific development processes like WebML, WSDM and OOHDM to traditional software development approaches like the waterfall model and the spiral model. .

Hands-On RESTful Web Services with ASP.NET Core 3 Samuele Resca 2019-12-27 Get up to speed with the latest features of C# 8, ASP.NET Core 3 and .NET Core 3.1 LTS to create robust and maintainable web services Key FeaturesApply design patterns and techniques to achieve a reactive, scalable web serviceDocument your web services using the OpenAPI standard and test them using PostmanExplore mechanisms to implement a secure web service using client-side SSL and token authenticationBook Description In recent times, web services have evolved to play a prominent role in web development. Applications are now designed to be compatible with any device and platform, and web services help us keep their logic and UI separate. Given its simplicity and effectiveness in creating web services, the RESTful approach has gained popularity, and this book will help you build RESTful web services using ASP.NET Core. This REST book begins by introducing you to the basics of the REST philosophy, where you'll study the different stages of designing and implementing enterprise-grade RESTful web services. You'll also gain a thorough understanding of ASP.NET Core's middleware approach and learn how to customize it. The book will later guide you through improving API resilience, securing your service, and applying different design patterns and techniques to achieve a scalable web service. In addition to this, you'll learn advanced techniques for caching, monitoring, and logging, along with implementing unit and integration testing strategies. In later chapters, you will deploy your REST web services on Azure and document APIs using Swagger and external tools such as Postman. By the end of this book, you will have learned how to design RESTful web services confidently using ASP.NET Core with a focus on code testability and maintainability. What you will learnGain a comprehensive working knowledge of ASP.NET CoreIntegrate third-party tools and frameworks to build maintainable and efficient servicesImplement patterns using dependency injection to reduce boilerplate code and improve flexibilityUse ASP.NET Core's out-of-the-box tools to test your applicationsUse Docker to run your ASP.NET Core web service in an isolated and self-contained environmentSecure your information using HTTPS and token-based authenticationIntegrate multiple web services using resiliency patterns and messaging techniquesWho this book is for This book is for anyone who wants to learn how to build RESTful web services with the ASP.NET Core framework to improve the scalability and performance of their applications. Basic knowledge of C# and .NET Core will help you make the best use of the code samples included in the book.

An Introduction to Databases with Web Applications Martyn Prigmore 2007-11 Connecting databases to the world wide web is an increasingly important skill for computer scientists and MIS/BIS as the WWW breaks down the traditional barriers of information sharing across organisations, allowing this vital process to be done cheaply and efficiently. Traditional database books present database design with any material on web-applications being a tackled later, almost as an afterthought. Similarly, web-development books may gloss over databases in a single chapter on SQL. This book discusses database development but always in the context of the web. Thus it gives a genuine understanding of how to implement web databases rather than presenting one field and simply trying to 'bolt-on' the other afterwards. That said, it covers the core concepts of a traditional database design course and so offers the flexibility of learning database design

separate from the web applications if desired. Scripting is covered first so that, should the reader want to get the web context from the start, they understand how their application will be implemented before trying to design it.

Responsive Web Design JD Gauchat 2018-01-02 Learn how to design your website for mobile devices. After reading this guide, you will know how to design your website with fixed and flexible layouts, and how to adapt the design to the size of the screen with Responsive Web Design. Table of Contents WEB DESIGN Boxes Display Traditional Box Model Floating Content Floating Boxes Absolute Positioning Columns Real-life Application Flexible Box Model Flex Container Flexible Elements Organizing Flexible Elements Real-life Application RESPONSIVE WEB DESIGN Mobile Web Media Queries Breakpoints Viewport Flexibility Box-sizing Fixed and Flexible Text Images Real-life Application QUICK REFERENCE Design Columns Flexible Model Images 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 particular 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.

SharePoint 2007 James Pyles 2007-09-24 Provides information on the features, applications, and extensions of Microsoft Office SharePoint 2007.

Multimedia Web Design and Development Theodor Richardson 2012-08-15 This book/DVD package introduces the necessary steps and stages of planning a modern multimedia Web site. It includes both the design and development aspects for novices and a complete plan to get you started with the core technologies and techniques for professional Web design on a freelance or organizational basis. The text also covers the current languages e.g., HTML5, CSS3, JavaScript, PERL, PHP, and MySQL, that are needed to construct dynamic content on the Web and milestones for getting it into the hands of your clients sooner. Features: Provides a complete guide for developers and designers to see both front-end and back-end design elements Uses various languages e.g., HTML5, CSS3, JavaScript, PERL, PHP, and MySQL to maximize efficiency of modern and dynamic Web pages Uses design principles and best practices from an experienced freelance Web designer and instructor Includes language examples for self-study and challenging activities for expanding design and development; instructor's resources available for use as a textbook

Ajax for Web Application Developers Kris Hadlock 2006-10-30 Reusable components and patterns for Ajax-driven applications Ajax is one of the latest and greatest ways to improve users' online experience and create new and innovative web functionality. By allowing specific parts of a web page to be displayed without refreshing the entire page, Ajax significantly enhances the experience of web applications. It also lets web developers create intuitive and innovative interaction processes. Ajax for Web Application Developers provides the in-depth working knowledge of Ajax that web developers need to take their web applications to the next level. The book shows how to create an Ajax-driven web application from an object-oriented perspective, and it includes discussion of several useful Ajax design patterns. This detailed guide covers the creation of connections to a MySQL database with PHP 5 via a custom Ajax engine and shows how to gracefully format the response with CSS, JavaScript, and XHTML while keeping the data tightly secure. It also covers the use of four custom Ajax-enabled components in an application and how to create each of them from scratch. The final section of the book combines the individual code examples and techniques from earlier chapters of the book into one larger, Ajax-driven application—an internal web mail application that can be used in any user-based application, such as a community-based web application. Readers will learn not only how to create and use their own reusable Ajax components in this application but also how to connect their components to any future Ajax applications that they might build. Web Development/Ajax/JavaScript

Designing Interactive Web Sites James L. Mohler 2000 Designing Interactive Web Sites covers the fundamentals of web design and construction. With emphasis on how graphics apply to web design, this book begins with the basics and moves into the more challenging aspects of interactive design. The foundations of web page design are addressed without using specific software packages. Real-world examples and review questions provide reinforcement of the material learned.

Design and Launch an Online Web Design Business in a Week Jason Rich 2009-03-25 Unlike traditional gift shops, online shops can be immediately profitable with minimal startup investment. This book provides several, unique business ideas within today's hottest specialties: food, pets, hobbies, home goods and holidays.

Building Web Applications with UML Jim Conallen 2003 Conallen introduces architects and designers and client/server systems to issues and techniques of developing software for the Web. He expects readers to be familiar with object-oriented principles and concepts, particularly with UML (unified modeling language), and at least one Web application architecture or environment. The second edition incorporates both technical developments and his experience since 1999. He does not provide a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

Developer's Guide to Web Application Security Michael Cross 2011-04-18 Over 75% of network attacks are targeted at the web application layer. This book provides explicit hacks, tutorials, penetration tests, and step-by-step demonstrations for security professionals and Web application developers to defend their most vulnerable applications. This book defines Web application security, why it should be addressed earlier in the lifecycle in development and quality assurance, and how it differs from other types of Internet security. Additionally, the book examines the procedures and technologies that are essential to developing, penetration testing and releasing a secure Web application. Through a review of recent Web application breaches, the book will expose the prolific methods hackers use to execute Web attacks using common vulnerabilities such as SQL Injection, Cross-Site Scripting and Buffer Overflows in the application layer. By taking an in-depth look at the techniques hackers use to exploit Web applications, readers will be better equipped to protect confidential. The Yankee Group estimates the market for Web application-security products and services will grow to \$1.74 billion by 2007 from \$140 million in 2002 Author Michael Cross is a highly sought after speaker who regularly delivers Web Application presentations at leading conferences including: Black Hat, TechnoSecurity, CanSec West, Shmoo Con, Information Security, RSA Conferences, and more

Developer to Designer Mike Gunderloy 2006-07-14 In a fantasy world, you design and build the core of your application, the parts that do all the heavy lifting. And the graphical user interface? Well, that's the domain of the hot-shot sitting one cube over, who went to school to learn how to give users sensible and effective control over the functionality you construct. In the real world, there is no hot-shot sitting one cube over, and you have to build the GUI yourself. Developer to Designer: GUI Design for the Busy Developer is a unique resource designed to help you and other experienced developers build GUIs for your programs that are simple to learn, easy to use, and painless to maintain, even though you're not user interface experts. Inside, the focus is on the essentials of Windows and web GUI design: simple ideas that require modest programming effort but provide enormous payoffs in terms of user success and satisfaction. You'll learn all about: Arranging text and controls in a sensible order Understanding and making the most of the behavior of windows Improving the effectiveness of dialog boxes Using advanced controls such as TreeViews, ListViews, and tabs Designing menus and toolbars Providing users with sensible customization options Understanding how the rules change when designing for the Web Handling page layout and navigation on the Web Anticipating changes in the next version of Windows Throughout, author Mike Gunderloy is doggedly realistic. Like in his previous book, Coder to Developer: Tools and Strategies for Delivering Your Software, Mike describes how things actually work and prescribes ways for you to achieve meaningful results without staging a revolution. This is hard-won, practical knowledge from a veteran developer whose advice, examples, and overall vision will change the way you think and work.

Web Applications using JSP (Java Server Page) P. Karthik 2019-09-18 Step by Step guide to develop a Java based web and enterprise application DESCRIPTION Web Application using JSP is a text book and reference for the people who wish to learn and develop a Java based web and enterprise application. It covers all the major topics in JSP. By providing more examples and programs, the learner can develop a fully-functional web application. All the programs are developed and tested with major IDE. First it takes the learner into the world of web application development through the introductory chapter. Later on the JSP is introduced to the learner to make the server-side scripting easy and elegant. Two chapters have been dedicated entirely for database handling through JSP using JDBC and Hibernate. MVC is given to let the learner to integrate features of Servlets and JSP. Producing the HTML page is not the only way for outputting the results of the web application, so two chapters are allotted to teach the learners to output the results of the web application in various forms such PDF, WORD, EXCEL. KEY FEATURES Correct sequence of the chapters that help the learners to become expertise One stop solution for the Java based web application development In-depth explanation of topics More number of programs are given to understanding the topic Developing fully functional application is the primary objective of this, instead of teaching merely topics New areas such as Apache POI, Hibernate Dedicated chapter for MVC design pattern WHAT WILL YOU LEARN Fundamentals of Web Application and Java Server Page Developing and Executing JSP Program Scripting Elements and Implicit Objects JSP Document and Action Elements, JSP with Hibernate, Database Access in JSP Exception Handling and Expression Language Session Management, Custom Tags and Filters JSTL (JSP Standard Tag Library) MVC based Web Application Apache POI, Generating PDF Document WHO THIS BOOK IS FOR Graduate, Post graduate, Academicians, Educationists, Professionals. Table of Contents 1.

Fundamentals of Web Application 2. Fundamentals of Java Server Page 3. Developing and Executing JSP Program 4. Scripting Elements 5. Implicit Objects 6. JSP Document and Action Elements 7. Exception Handling and Expression Language 8. Session Management 9. Custom Tags and Filters 10. JSTL (JSP Standard Tag Library) 11. Database Access in JSP 12. MVC based Web Application 13. Apache POI 14. Generating PDF Document 15. JSP with Hibernate

XML-based Content Management Ricardo Eito-Brun 2017-11-14 XML-based Content Management: Integration, Methodologies and Tools covers the design and deployment of XML-based solutions and how to manage content and metadata, a practice that requires a more methodological approach than those traditionally applied to the design and deployment of document and content management solutions. The extensive use of XML implies the need of adding additional activities, quality controls, and tools to the established document-management and web-application design processes. The book describes a methodology that covers the different phases of the content and metadata management lifecycle,

from generation, to archiving, to compliance with existing content management and archiving standards. In addition, the book reviews the key characteristics of the tools necessary for storage, retrieval and delivery. Focuses on methodologies for the design and deployment of XML-based content management solutions based on standards like BMPN and SPEM Provides an updated view of consolidated technologies for structured data management Explains the link between technologies for content storage and distribution Presents the conceptual knowledge to understand and relate the strategic view provided by OAIS with the management of daily operations focused on content collection, aggregation and publishing

Web Document Analysis Apostolos Antonacopoulos 2003 This book provides the first comprehensive look at the emerging field of web document analysis. It sets the scene in this new field by combining state-of-the-art reviews of challenges and opportunities with research papers by leading researchers. Readers will find in-depth discussions on the many diverse and interdisciplinary areas within the field, including web image processing, applications of machine learning and graph theories for content extraction and web mining, adaptive web content delivery, multimedia document modeling and human interactive proofs for web security. Contents: Content Extraction and Web Mining; Document Analysis for Adaptive Content Delivery; Table Understanding on the Web; Web Image Analysis and Retrieval; New Opportunities. Readership: Graduate students and researchers in document-analysis and web communities.

XHTML 1.0 Web Development Sourcebook Ian S. Graham 2000-09-07 A hands-on guide to planning, designing, and implementing better Web sites and applications using XHTML. This sourcebook gets both novices and experienced Web developers and programmers quickly up to speed on the latest technologies, tools, and approaches for building Web sites and applications. In particular, it explores how XHTML 1.0's powerful new features allow for more flexible, scalable Web sites and business-critical Web apps that can be viewed from an array of devices besides PCs, including TVs, palmtops, and cell phones. Expert Ian Graham starts out with a concise, yet thorough, review/tutorial of the basics for markup, formatting, rendering, and document scripting with HTML, XHTML, XML, and Cascading Style Sheets (CSS). Then, writing from the perspective of both Web developers and Web project managers, and with the help of dozens of illustrated, real-life examples, he: * Explains the relationships between XML, XHTML, HTML, CSS, and other Web technologies * Acquaints you with all of XHTML's powerful new features * Explores the practice of elegant, reusable document design * Schools you in the principles of good Web site and Web application design * Presents several site and application-building models * Provides management guidelines for site design, implementation, and maintenance * Reviews Internet networking basics, URLs, and the HTTP protocol * Shows how to customize Web servers with CGI scripts, page scripting tools, and more * Offers selection criteria for choosing Web development tools and software The companion Web site at www.wiley.com/compbooks/graham features all the examples presented in the book, along with additional resources, utilities, and book updates-all available in easy-to-download form. Visit our Web site at

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Web Application Using JSP P. Karthik 2018-10-23 Description Web Application using JSP is a text book and reference for the people who wish to learn and develop a Java based web and enterprise application. It covers all the major topics in JSP. By providing more examples and programs, the learner can develop a fully-functional web application. All the programs are developed and tested with major IDE. First it takes the learner into the world of web application development through the introductory chapter. Later on the JSP is introduced to the learner to make the server-side scripting easy and elegant. Two chapters have been dedicated entirely for database handling through JSP using JDBC and Hibernate. MVC is given to let the learner to integrate features of Servlets and JSP. Producing the HTML page is not the only way for outputting the results of the web application, so two chapters are allotted to teach the learners to output the results of the web application in various forms such PDF, WORD, EXCEL. Key Features - Correct sequence of the chapters that help the learners to become expertise- One stop solution for the Java based web application development- In-depth explanation of topics - More number of programs are given to understanding the topic- Developing fully functional application is the primary objective of this, instead of teaching merely topics- New areas such as Apache POI, Hibernate- Dedicated chapter for MVC design pattern Table of Contents Chapter 1: Fundamentals of Web Application Chapter 2: Fundamentals of Java Server Page Chapter 3: Developing and Executing JSP Program Chapter 4: Scripting Elements Chapter 5: Implicit Objects Chapter 6: JSP Document and Action Elements Chapter 7: Exception Handling and Expression Language Chapter 8: Session Management Chapter 9: Custom Tags and Filters Chapter 10: JSTL (JSP Standard Tag Library) Chapter 11: Database Access in JSP Chapter 12: MVC based Web Application Chapter 13: Apache POI Chapter 14: Generating PDF Document Chapter 15: JSP with Hibernate

InfoWorld 2004-12-13 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Micro Frontends in Action Michael Geers 2020-10-13 Browser-based software can quickly become complex and difficult to maintain, especially when it's implemented as a large single-page application. By adopting the micro frontends approach and designing your web apps as systems of features, you can deliver faster feature development, easier upgrades, and pick and choose the technology you use in your stack. Micro Frontends in Action is your guide to simplifying unwieldy frontends by composing them from small, well-defined units. Summary Browser-based software can quickly become complex and difficult to maintain, especially when it's implemented as a large single-page application. By adopting the micro frontends approach and designing your web apps as systems of features, you can deliver faster feature development, easier upgrades, and pick and choose the technology you use in your stack. Micro Frontends in Action is your guide to simplifying unwieldy frontends by composing them from small, well-defined units. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Micro frontends deliver the same flexibility and maintainability to browser-based applications that microservices provide for backend systems. You design your project as a set of standalone components that include their own interfaces, logic, and storage.

Then you develop these mini-applications independently and compose them in the browser. About the Book Micro Frontends in Action teaches you to apply the microservices approach to the frontend. You'll start with the core micro frontend design ideas. Then, you'll build an e-commerce application, working through practical issues like server-side and client-side composition, routing, and maintaining a consistent look and feel. Finally, you'll explore team workflow patterns that maximize the benefit of developing application components independently. What's Inside - Create a unified frontend from independent applications - Combine JavaScript code from multiple frameworks - Browser and server-side composition and routing - Implement effective dev teams and project workflow About the Reader For web developers, software architects, and team leaders. About the Author Michael Geers is a software developer specializing in building user interfaces.

Table of Contents PART 1 - GETTING STARTED WITH MICRO FRONTENDS 1 What are micro frontends? 2 My first micro frontends project PART 2 - ROUTING, COMPOSITION, AND COMMUNICATION 3 Composition with Ajax and server-side routing 4 Server-side composition 5 Client-side composition 6 Communication patterns 7 Client-side routing and the application shell 8 Composition and universal rendering 9 Which architecture fits my project? PART 3 - HOW TO BE FAST, CONSISTENT, AND EFFECTIVE 10 Asset loading 11 Performance is key 12 User interface and design system 13 Teams and boundaries 14 Migration, local development, and testing

Professional ASP.NET 2.0 Design Jacob J. Sanford 2007-08-27 This book is for anyone who wants to learn about using .NET for web interface design. Beginner or hobbyist .NET developers can certainly get a good foundation of .NET web interface design by going through this book from cover to cover. However, more seasoned .NET professionals, especially if they tend to steer away from the GUI of their projects, can also pick up a thing or two by focusing on certain chapters that appeal to them. This book is meant to take a reader from the beginning of a project to the completion of the interface design. Along the way, concepts are illustrated to show how the different pieces play together. So, anyone who really wants to understand the concepts presented in this book will be able to do so by reading the entire thing. However, this book should also serve as a good reference after you have read it or, in some cases, in place of reading it. All of the early chapters provide useful information and examples for any web developer. Many of the concepts presented after Chapter 4 are more specifically targeted at .NET developers. In the later chapters, the target audience is .NET developers or, at least, people who want to become .NET developers. In those chapters, you should probably have at least a basic understanding of the .NET Framework and some experience with Visual Studio 2005 (or possibly Visual Studio 2003). If you are completely new to .NET, you may find it useful to pick up a beginning ASP.NET 2.0 book before delving too deeply into those chapters. If you want to learn about .NET 2.0 web interface design, you are the intended audience. It should be noted that all of the .NET code samples in this book are in C#. However, this shouldn't limit other developers, such as VB.NET developers, from understanding the concepts or being able to replicate the code in their own projects. The actual managed code examples are pretty limited and, when they are used, they should be fairly easy to port over to VB.NET. This book covers the concepts serious developers need to begin designing cool and consistent web layouts. The early chapters focus on general web design standards that you need to grasp in order to move into the later chapters. Specifically, these concepts are: Basic web design considerations (colors, fonts, images, accessibility, and so on) (Chapter 2) Photoshop basics to get you started making your own graphics and color schemes (Chapter 3) Cascading Style Sheets (CSS) and their use in web design layout (Chapter 4) When you finish these chapters, you will have the basic shell for the project that you will continue to develop throughout the book. You will have the header graphic, color scheme, and CSS layout that you will begin to incorporate .NET-specific concepts to in the later chapters. This includes: How to make .NET controls render accessible CSS code rather than their default: tables (Chapter 5) Using the built-in controls of .NET to create easily maintainable and consistent site navigation (and how to make them render CSS divs instead of tables) (Chapter 6) Creating your web site template with Master Pages (Chapter 7) Creating themes and skins to style your .NET controls (Chapter 8) Applying themes to your projects through various approaches, including base classing (Chapter 9) The final "regular" chapter ends with you building an entirely new mobile device theme using all of the concepts learned in the previous chapters. In Chapter 10, you will start with modifying your graphic to better fit the resolution of your mobile devices. You will also learn how to modify your stylesheets and apply them programmatically to be used only for this theme. You

Web Design Blueprints Benjamin LaGrone 2016-04-29 Build websites and applications using the latest techniques in modern web development About This Book Create amazing modern day applications that run seamlessly across multiple platforms Implement multiple methodologies by creating different apps with dynamic features This unique project-based guide will help you build your own websites efficiently Who This Book Is For This book is a must-have for web developers who want to stay on top of the latest trends in web app and site development. If you are a web developer who is already familiar with HTML, CSS, and functional JavaScript, and you want to learn the latest trends in web development, this is

the book for you. What You Will Learn Find out how to create responsive websites Create websites using the principals of Flat design Create deep-dive sites using parallax scrolling Discover how to use Ajax in single-page applications Create responsive navigation with CSS and JavaScript Create responsive padding with the box model property In Detail The book delivers simple instructions on how to design and build modern Web using the latest trends in web development. You will learn how to design responsive websites, created with modern Flat User Interface design patterns, build deep-scrolling websites with parallax 3D effects, and roll-your-own single-page applications. Finally, you'll work through an awesome chapter that combines them all. Each chapter features actual lines of code that you can apply right away. Style and Approach Using real-world examples, Web Design Blueprints presents practical how-to projects for site enhancements, with a light-hearted, easy-to-understand tone. This book has individual projects that cumulate until you finally build a super-project at the end, using all the skills learned

Web Application Design Using Server-Side JavaScript 1999 This document describes the application design philosophy for the Comprehensive Nuclear Test Ban Treaty Research & Development Web Site. This design incorporates object-oriented techniques to produce a flexible and maintainable system of applications that support the web site. These techniques will be discussed at length along with the issues they address. The overall structure of the applications and their relationships with one another will also be described. The current problems and future design changes will be discussed as well.

Principles of Web Design: The Web Technologies Series Joel Sklar 2011-02-09 Joel Sklar has written the definitive text for Web site design, PRINCIPLES OF WEB DESIGN, Fifth Edition guiding your students through the entire Web site creation process, while developing and enhancing your HTML, CSS, and visual design skills along the way. Now updated to include the latest Web design technologies and trends, this Fifth Edition features all-new sections on HTML5, CSS3, CSS page layouts, and enhanced navigation as well as technical updates and new screen shots throughout. Beginning with the Web design environment and the principles of sound Web design, your students will continue to planning site layout and navigation, and progress to Web typography, colors and images, working with CSS, and more. Armed with a priceless understanding and plenty of hands-on activities, students will gain a solid foundation of designing successful, standards-based Web sites that are portable across different operating systems, browsers, and Web devices. Companion site available at no additional cost www.joelsklar.com/pwd5. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

DOM Scripting Jeremy Keith 2010-12-29 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!

Application Development and Design: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources 2017-08-11 Advancements in technology have allowed for the creation of new tools and innovations that can improve different aspects of life. These applications can be utilized across different technological platforms. Application Development and Design: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as software design, mobile applications, and web applications, this multi-volume book is ideally designed for researchers, academics, engineers, professionals, students, and practitioners interested in emerging technology applications.

Oracle Web Application Programming for PL/SQL Developers Susan Boardman 2003 Learn to use Oracle 9i to build dynamic, data-driven Web sites. Get step-by-step details on creating and deploying Web applications using PL/SQL, HTML, Java, XML, WML, Perl and PHP. This book covers everything users need to know to master Web application development in an Oracle environment - using PL/SQL.

Morgan Kaufmann series in data management systems Stefano Ceri 2003 This text represents a breakthrough in the process underlying the design of the increasingly common and important data-driven Web applications.