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Testing Applications on the Web
Professional Mobile Application Development
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Tools for Working with Guidelines
The Design of Everyday Things

Universal Design for Web Applications

Ever notice that—in spite of their pervasiveness—designing web applications is still challenging? While their benefits motivate their creation, there are no well-established guidelines for design. This often results in inconsistent behaviors and appearances, even among web applications created by the same company. Design patterns for web applications, similar in concept to those for web sites and software design, offer an effective solution. In *Web Application Design Patterns*, Pawan Vora documents design patterns for web applications by not only identifying design solutions for user interaction problems, but also by examining the rationale for their effectiveness, and by presenting how they should be applied. Design interfaces faster, with a better rationale for the solutions you choose. Learn from over more than 100 patterns, with extensive annotation on use and extension. Take a short-cut into understanding the industry with more than 500 full-color screenshots.

Future-Proof Web Design

Early user interface (UI) practitioners were trained in cognitive psychology, from which UI design rules were based. But as the field evolves, designers enter the field from many disciplines. Practitioners today have enough experience in UI design that they have been exposed to design rules, but it is essential that they understand the psychology behind the rules in

order to effectively apply them. In *Designing with the Mind in Mind*, Jeff Johnson, author of the best selling *GUI Bloopers*, provides designers with just enough background in perceptual and cognitive psychology that UI design guidelines make intuitive sense rather than being just a list of rules to follow. The first practical, all-in-one source for practitioners on user interface design rules and why, when and how to apply them Provides just enough background into the reasoning behind interface design rules that practitioners can make informed decisions in every project Gives practitioners the insight they need to make educated design decisions when confronted with tradeoffs, including competing design rules, time constrictions, or limited resources

Mobile Usability

This second edition of *The Principles of Beautiful Web Design* is the ideal book for people who can build websites, but are seeking the skills and knowledge to visually enhance their sites. This book will teach you how to: Understand the process of what makes "good design," from discovery through to implementation Use color effectively, develop color schemes, and create a palette Create pleasing layouts using grids, the rule of thirds, and symmetry Employ textures: lines, points, shapes, volumes, and depth Apply typography to make ordinary designs look great Choose, edit, and position effective imagery And lots more This revised, easy-to-follow guide is illustrated with beautiful, full-color examples, and leads readers through the process of creating great designs from start to finish. It also features: Updated information about grid-based design How to design for mobile resolutions Information about the future of web fonts including @font-face Common user-interface patterns and resources

The Essential Guide to User Interface Design

Doctoral Thesis / Dissertation from the year 2013 in the subject Computer Science - Miscellaneous, , course: Computer Science and Engineering - Human Computer Interaction, language: English, abstract: This book addresses to some of the important issues, challenges and approaches related to web accessibility in context of visually impaired users. Speech is a convenient medium of interaction for visually challenged users, Internet accessibility for them is made possible by providing an alternative speech-based interface for human-computer interaction. Problems associated with speech based web interfaces are manifold. Most of the web content available today has been designed for the visual interface via graphical browsers. Screen Readers have been the primary tool for using internet by visually impaired. Unfortunately, most of the popular and workable screen readers are proprietary and bear a heavy price tag. Thus, Design and development of powerful yet affordable speech based interfaces would be certainly helpful in enhancing the overall Quality of Life of visually challenged.

The Stranger's Long Neck

This proceedings volume provides a snapshot of the latest issues encountered in technical convergence and convergences of security technology. It explores how information science is core to most current research, industrial and commercial activities and consists of contributions covering topics including Ubiquitous Computing, Networks and Information Systems, Multimedia and Visualization, Middleware and Operating Systems, Security and Privacy, Data Mining and Artificial Intelligence, Software Engineering, and Web Technology. The proceedings introduce the most recent information technology and ideas, applications and problems related to technology convergence, illustrated through case studies, and reviews converging existing security techniques. Through this volume, readers will gain an understanding of the current state-of-the-art in information strategies and technologies of convergence security. The intended readership are researchers in academia, industry, and other research institutes focusing on information science and technology.

Web Application Design Handbook

A guide to the fundamentals of ColdFusion MX 7 provides information on such topics as creating data-driven pages, implementing security mechanisms, building reusable functions, and interacting with Macromedia Flash.

The Principles of Beautiful Web Design

Learn how UX and design thinking can make your site stand out from the rest of the internet. About This Book Learn everything you need to know about UX for your Web Design. Design B2B, B2C websites that stand out from the competitors with this guide Enhance your business by improving customer accessibility and retention. Who This Book Is For If you're a designer, developer, or just someone who has the desire to create websites that are not only beautiful to look at but also easy to use and fully accessible to everyone, including people with special needs, UX for the Web will provide you with the basic building blocks to achieve just that. What You Will Learn Discover the fundamentals of UX and the User-Centered Design (UCD) Process. Learn how UX can enhance your brand and increase user retention Learn how to create the golden thread between your product and the user Use reliable UX methodologies to research and analyze data to create an effective UX strategy Bring your UX strategy to life with wireframes and prototypes Set measurable metrics and conduct user tests to improve digital products Incorporate the Web Content Accessibility Guidelines (WCAG) to create accessible digital products In Detail If you want to create web apps that are not only beautiful to look at, but also easy to use and fully accessible to everyone, including people with special needs, this book will provide you with the basic building blocks to achieve just that. The book starts with the basics of UX, the relationship between Human-Centered Design (HCD), Human-Computer Interaction (HCI), and the User-Centered Design (UCD) Process; it gradually takes you through the best practices

to create a web app that stands out from your competitors. You'll also learn how to create an emotional connection with the user to increase user interaction and client retention by different means of communication channels. We'll guide you through the steps in developing an effective UX strategy through user research and persona creation and how to bring that UX strategy to life with beautiful, yet functional designs that cater for complex features with micro interactions. Practical UX methodologies such as creating a solid Information Architecture (IA), wireframes, and prototypes will be discussed in detail. We'll also show you how to test your designs with representative users, and ensure that they are usable on different devices, browsers and assistive technologies. Lastly, we'll focus on making your web app fully accessible from a development and design perspective by taking you through the Web Content Accessibility Guidelines (WCAG). Style and Approach This is an easy-to-understand step-by-step guide with full of examples to that will help you in creating good UX for your web applications.

Databases and Information Systems IX

A Note from the Author and from O'Reilly Media about what this book does--and doesn't--do: Palm webOS is a brand new platform and represents a very different type of operating system where the web runtime is used as the basis for the UI and Application model. Palm and O'Reilly felt that it was important to have a book available to help developers get a basic understanding of the new Palm platform at the time that the SDK was released; this timing played a major role in the content and structure of the book. Ideally this book would have been a complete reference of the new platform but that wasn't possible since the content was written at the same time as the software SDK was being developed by the Palm engineering team. The book does provide a complete overview of Palm webOS, a thorough description of the application model and gives details on many key design concepts. There are descriptions and examples of UI widgets, services, storage, notifications, dashboards and background applications, serving as a great introduction but not as a definitive source. The book uses a simple News reader application to illustrate the technical descriptions but the examples are not intended to serve as a cookbook tutorial. Experienced developers should be able to use the examples to build up a working application chapter by chapter but others may not find the loose descriptions adequate for recreating the application unaided. Overtime, these different needs will be filled by other books, but in the meantime we hope that this book will serve a valuable role introducing developers to webOS and giving them a way of getting started with webOS application development. A second printing of the book will update any original coverage obsoleted by subsequent Mojo SDK builds. For owners of the original printing of the book, all of these updates are posted on the "View/Submit Errata" link (please see left-hand column of this web page). Thanks for understanding that book publishing and coverage of rapidly moving technologies can sometimes be an inexact science; we knew there'd be a need for a book such as Palm webOS: The Insider's Guide to Developing Applications in JavaScript using the Palm MojoT Framework, and there's certainly no better person to write that book than Mitch Allen; that said, we understand that because it is such a new operating system and SDK, there would (and

will continue to be) changes that at best can't be documented and explored until new printings of the books are released. In the meantime we will be diligent in posting updates to this book's O'Reilly Media catalog page. Description This is the official guide to building native JavaScript applications for Palm's new mobile operating system, Palm® webOS™. Written by Palm's software chief technology officer along with the Palm webOS development team, Palm webOS provides a complete tutorial on the design principles, architecture, UI, tools, and services necessary to develop webOS applications—including the Mojo JavaScript framework and Palm's SDK. Palm webOS is designed to support a fast and superb user experience using established web standards, so if you're familiar with HTML, CSS, and JavaScript, you're ready to build applications for any webOS-based device, including the Palm Pre. You'll gain expertise, chapter by chapter, as you build a working mobile application through the course of the book. You'll also learn how to extend existing web apps to work with the new generation of mobile phones. Get a thorough overview of the webOS platform and architecture Understand the critical concepts for application design: what separates webOS from other web and mobile platforms Learn the details of Mojo's development tools and SDK for building and testing mobile applications Examine best practices, important considerations, and guiding principles for developing with webOS and the Mojo framework

Don't Make Me Think

This book constitutes the refereed proceedings of the 11th International Conference on Web Engineering, held in Paphos, Cyprus, in June 2011. The 22 revised full papers and 15 revised poster papers presented together with 2 invited lectures were carefully reviewed and selected from 90 submissions for inclusion in the book. The papers topics cover a broad range of areas, namely, the Semantic Web, Web Services, Mashups, Web 2.0, Web quality, Web development, etc.

The Business of iPhone App Development

Provides information on building enterprise mobile applications in C#, .NET, and Mono for all platforms.

Web Application Design Patterns

It also includes information about supporting international users and users with disabilities."--BOOK JACKET.

Research-based Web Design & Usability Guidelines

This book will help you join the thousands of successful iPhone apps developers without needing to learn Objective-C or the Cocoa touch APIs. If you want to apply your existing web development skills to iPhone and iPad development, then now you

can. WebKit's support for HTML5 means any web developer can create compelling apps for both the iPhone and the larger-screen iPad. Beginning iPhone & iPad Web Apps takes you through the latest mobile web standards as well as the specific features of the iPhone and iPad. You'll learn about WebKit and Mobile Safari, HTML5 and CSS3, vector graphics and multimedia support. You'll discover the built-in hardware features of the iPhone and iPad and how best to take advantage of them. The market for web apps for the iPhone and iPad is expanding rapidly. You'll want to know about all the advantages, and Beginning iPhone & iPad Web Apps is the perfect starting point.

A Comprehensive Guide to Enterprise Mobility

Although recent findings show the public increasingly interacting with government Web sites, a common problem is that people can't find what they're looking for. In other words, the sites lack usability. The Research-Based Web Design and Usability Guidelines aid in correcting this problem by providing the latest Web design guidance from the research and other forms of evidence. This unique publication has been updated from its earlier version to include over 40 new or updated research guidelines, bringing the total to 209. Primary audiences for the book are: Web managers, designers, and all staff involved in the creation of Web sites. Topics in the book include: home page design, page and site navigation, graphics and images, effective Web content writing, and search. A new section on usability testing guidance has been added. Experts from across government, industry, and academia have reviewed and contributed to the development of the Guidelines. And, since their introduction in 2003, the Guidelines have been widely used by government, private, and academic institutions to improve Web design.

Information Science and Applications

Although enterprise mobility is in high demand across domains, an absence of experts who have worked on enterprise mobility has resulted in a lack of books on the subject. A Comprehensive Guide to Enterprise Mobility fills this void. It supplies authoritative guidance on all aspects of enterprise mobility-from technical aspects and applications to

Speech as Interface in Web Applications for Visually Challenged

Details a variety of front-end technologies and techniques and reviews Web design fundamentals while explaining how to work with HTML, graphics, and multimedia and interactive applications.

Encyclopedia of Internet Technologies and Applications

The Stranger's Long Neck is a practical guide for any manager wishing to improve their organisation's online performance. Web content specialist, Gerry McGovern, explains that all websites have a small set of tasks, or 'long necks', that are important to its customers and that must be easy to complete or customers will go elsewhere. The Stranger's Long Neck shows how to tune in effectively to what your customers want - and then deliver it with aplomb. Understanding customer needs can be a difficult task when customers are 'strangers', in that he or she is always 'on the outside', particularly so in an online environment. Using case studies including Tetra Pak, Microsoft and the NHS, and illustrated with web shots throughout, The Stranger's Long Neck shows how organisations can use the 'long neck' theory to create and manage efficient and user-friendly websites.

Web Engineering

Want to learn how to create great user experiences on today's Web? In this book, UI experts Bill Scott and Theresa Neil present more than 75 design patterns for building web interfaces that provide rich interaction. Distilled from the authors' years of experience at Sabre, Yahoo!, and Netflix, these best practices are grouped into six key principles to help you take advantage of the web technologies available today. With an entire section devoted to each design principle, Designing Web Interfaces helps you: Make It Direct-Edit content in context with design patterns for In Page Editing, Drag & Drop, and Direct Selection Keep It Lightweight-Reduce the effort required to interact with a site by using In Context Tools to leave a "light footprint" Stay on the Page-Keep visitors on a page with overlays, inlays, dynamic content, and in-page flow patterns Provide an Invitation-Help visitors discover site features with invitations that cue them to the next level of interaction Use Transitions-Learn when, why, and how to use animations, cinematic effects, and other transitions React Immediately- Provide a rich experience by using lively responses such as Live Search, Live Suggest, Live Previews, and more Designing Web Interfaces illustrates many patterns with examples from working websites. If you need to build or renovate a website to be truly interactive, this book gives you the principles for success.

Framework Design Guidelines

Provides information on designing easy-to-use interfaces.

Beginning iPhone and iPad Web Apps

Web information systems engineering resolves the multifaceted issues of Web-based systems development; however, as part of an emergent yet prolific industry, Web site quality assurance is a continually adaptive process needing a comprehensive reference tool to merge all cutting-edge research and innovations. The Handbook of Research on Web

Information Systems Quality integrates 30 authoritative contributions by 72 of the world's leading experts on the models, measures, and methodologies of Web information systems, software quality, and Web engineering into one practical guide to Web information systems quality, making this handbook of research an essential addition to all library collections.

Instructional Design for Web-based Training

A comprehensive guide to UI design, providing key features and functional requirements, best practices and design guidelines, and components of the user experience of the application, illustrated with "live" case study examples.

Palm webOS

Databases and information systems are now indispensable for the day-to-day functioning of businesses and society. This book presents 25 selected papers from those delivered at the 12th International Baltic Conference on Databases and Information Systems 2016 (DB&IS 2016), held in Riga, Latvia, in July 2016. Since it began in 1994, this biennial conference has become an international forum for researchers and developers in the field of databases, information systems and related areas, and the papers collected here cover a wide spectrum of topics related to the development of information systems and data processing. These include: the development of ontology applications; tools, technologies and languages for model-driven development; decision support systems and data mining; natural language processing and building linguistic components of information systems; advanced systems and technologies related to information systems, databases and information technologies in teaching and learning. The book will be of interest to all those whose work involves the design, application and use of databases and information systems.

Handbook of Research on Web Information Systems Quality

Create applications for all major smartphone platforms Creating applications for the myriad versions and varieties of mobile phone platforms on the market can be daunting to even the most seasoned developer. This authoritative guide is written in such a way that it takes your existing skills and experience and uses that background as a solid foundation for developing applications that cross over between platforms, thereby freeing you from having to learn a new platform from scratch each time. Concise explanations walk you through the tools and patterns for developing for all the mobile platforms while detailed steps walk you through setting up your development environment for each platform. Covers all the major options from native development to web application development Discusses major third party platform development acceleration tools, such as Appcelerator and PhoneGap Zeroes in on topics such as developing applications for Android, IOS, Windows Phone 7, and Blackberry Professional Mobile Cross Platform Development shows you how to best exploit the growth in

mobile platforms, with a minimum of hassle.

Digital Design Essentials

Provides the most thorough examination of Internet technologies and applications for researchers in a variety of related fields. For the average Internet consumer, as well as for experts in the field of networking and Internet technologies.

HTML5 Guidelines for Web Developers

How do we create a satisfactory user experience when limited to a small device? This new guide focuses on usability for mobile devices, primarily smartphones and touchphones, and covers such topics as developing a mobile strategy, designing for small screens, writing for mobile, usability comparisons, and looking toward the future. The book includes 228-full color illustrations to demonstrate the points. Based on expert reviews and international studies with participants ranging from students to early technology adopters and business people using websites on a variety of mobile devices, this guide offers a complete look at the landscape for a mobile world. Author Jakob Nielsen is considered one of the world's leading experts on Web usability. He is the author of numerous best-selling books, including *Prioritizing Web Usability* and the groundbreaking *Designing Web Usability*, which has sold more than 250,000 copies and has been translated in 22 languages.

Microsoft Windows User Experience

Best practices for flexible design that meet common challenges The web is constantly changing and evolving with an increased range of devices, browsers, and standards that need to be considered in design. Web designers know they must stay sharp in order to keep up with the rapid pace of technology change. This much-needed book teaches the art of flexible and adaptable design that can work easily with new devices, technologies, and standards. You'll quickly discover how this resource stands out from the crowd as it provides you with a roadmap for ensuring that your designs are stable and flexible enough to handle whatever technology changes are coming in the future. Takes you on a journey of discovery as you learn how to prepare yourself for undefined changes in the dynamic environment of web design Shares straightforward tips for adopting a forward-thinking approach to the subject of web evolution Uncovers the essential skills you need in order to survive the future of the web Using the fundamental skills and processes laid out in this roadmap, you'll be able to boost your stability and flexibility while coding with confidence.

Macromedia Coldfusion MX 7 Web Application Construction Kit

* Includes updates to material on testing Web applications. * Contains new coverage of testing for wireless applications. * From the coauthor of the bestselling testing book of all time. * Each test type is backed up with a testing example and error examples.

Atomic Design

This is the eBook version of the print title, Framework Design Guidelines, Second Edition . Access to all the samples, applications, and content on the DVD is available through the product catalog page www.informit.com/title/9780321545619 Navigate to the “Downloads” tab and click on the “DVD Contents” links - see instructions in back pages of your eBook. Framework Design Guidelines, Second Edition, teaches developers the best practices for designing reusable libraries for the Microsoft .NET Framework. Expanded and updated for .NET 3.5, this new edition focuses on the design issues that directly affect the programmability of a class library, specifically its publicly accessible APIs. This book can improve the work of any .NET developer producing code that other developers will use. It includes copious annotations to the guidelines by thirty-five prominent architects and practitioners of the .NET Framework, providing a lively discussion of the reasons for the guidelines as well as examples of when to break those guidelines. Microsoft architects Krzysztof Cwalina and Brad Abrams teach framework design from the top down. From their significant combined experience and deep insight, you will learn The general philosophy and fundamental principles of framework design Naming guidelines for the various parts of a framework Guidelines for the design and extending of types and members of types Issues affecting—and guidelines for ensuring—extensibility How (and how not) to design exceptions Guidelines for—and examples of—common framework design patterns Guidelines in this book are presented in four major forms: Do, Consider, Avoid, and Do not. These directives help focus attention on practices that should always be used, those that should generally be used, those that should rarely be used, and those that should never be used. Every guideline includes a discussion of its applicability, and most include a code example to help illuminate the dialogue. Framework Design Guidelines, Second Edition, is the only definitive source of best practices for managed code API development, direct from the architects themselves. A companion DVD includes the Designing .NET Class Libraries video series, instructional presentations by the authors on design guidelines for developing classes and components that extend the .NET Framework. A sample API specification and other useful resources and tools are also included.

Designing with the Mind in Mind

The phenomenal success of the iPhone and the iPod touch has ushered in a “gold rush” for developers, but with well over 100,000 apps in the highly competitive App Store, it has become increasingly difficult for new apps to stand out in the crowd. Achieving consumer awareness and sales longevity for your iPhone app requires a lot of organization and some

strategic planning. This book will show you how to incorporate marketing and business savvy into every aspect of the design and development process, giving your app the best possible chance of succeeding in the App Store. *The Business of iPhone App Development* was written by experienced developers with business backgrounds, taking you step-by-step through cost-effective marketing techniques that have proven successful for professional iPhone app creators—perfect for independent developers on shoestring budgets. Although there are a few iPhone app marketing books on the horizon, they appear to tackle the subject from purely a marketer’s perspective. What makes this book unique is that it was written by developers for developers, showing you not only what to do, but also how to do it, complete with time-saving resources and ready-to-use code examples. No prior business knowledge is required. This is the book you wish you had read before you launched your first app!

Learning Web Design

UX for the Web

Delivers a thorough examination of best practices and proven results for many different kinds of applications, including porting existing applications to the Internet from a PDA or Web-enabled cell phone, plus a quick reference for designers looking for fast solutions to enhance Web applications. Original. (Advanced)

Designing Web Interfaces

Web Form Design

Five years and more than 100,000 copies after it was first published, it's hard to imagine anyone working in Web design who hasn't read Steve Krug's "instant classic" on Web usability, but people are still discovering it every day. In this second edition, Steve adds three new chapters in the same style as the original: wry and entertaining, yet loaded with insights and practical advice for novice and veteran alike. Don't be surprised if it completely changes the way you think about Web design. Three New Chapters! Usability as common courtesy -- Why people really leave Web sites Web Accessibility, CSS, and you -- Making sites usable and accessible Help! My boss wants me to _____. -- Surviving executive design whims "I thought usability was the enemy of design until I read the first edition of this book. *Don't Make Me Think!* showed me how to put myself in the position of the person who uses my site. After reading it over a couple of hours and putting its ideas to work for the past five years, I can say it has done more to improve my abilities as a Web designer than any other book. In

this second edition, Steve Krug adds essential ammunition for those whose bosses, clients, stakeholders, and marketing managers insist on doing the wrong thing. If you design, write, program, own, or manage Web sites, you must read this book." -- Jeffrey Zeldman, author of Designing with Web Standards

Web Design in a Nutshell

Design doesn't have to be complicated, which is why this guide to human-centered design shows that usability is just as important as aesthetics. Even the smartest among us can feel inept as we fail to figure out which light switch or oven burner to turn on, or whether to push, pull, or slide a door. The fault, argues this ingenious -- even liberating -- book, lies not in ourselves, but in product design that ignores the needs of users and the principles of cognitive psychology. The problems range from ambiguous and hidden controls to arbitrary relationships between controls and functions, coupled with a lack of feedback or other assistance and unreasonable demands on memorization. The Design of Everyday Things shows that good, usable design is possible. The rules are simple: make things visible, exploit natural relationships that couple function and control, and make intelligent use of constraints. The goal: guide the user effortlessly to the right action on the right control at the right time. The Design of Everyday Things is a powerful primer on how -- and why -- some products satisfy customers while others only frustrate them.

Smashing UX Design

In HTML5 Guidelines for Web Developers, two pioneering web developers provide a comprehensive guide to HTML5's powerful new elements and techniques through compact, practical, easy-to-understand examples. You'll discover just how much you can do with HTML5—from programming audio/video playback to integrating geographical data into pages and applications. This concise, friendly reference is packed with tips, tricks, and samples for making the most of HTML5 with JavaScript and the DOM. The authors present “pure HTML5” examples that are supported by browsers right now, and they share realistic insights into the challenges of leading-edge HTML5 development. All examples are available for download, with links to web resources for new information and specification updates. Topics covered include Browser support: What you can (and can't) do with HTML5 today HTML5 document structure and semantics Intelligent forms, including new input types, elements, and client-side validation The “video” and “audio” elements, and scripting media solutions Advanced graphics with Canvas and SVG Geolocation in the browser, including location tracking via Google Maps Web storage, offline web applications, WebSockets, and Web Workers Embedding semantic markup with Microdata and the Microdata DOM API Implementing drag-and-drop with the “draggable” attribute New global attributes: “data-*,” “hidden,” “contenteditable,” “spellcheck,” and more If you're a web developer or designer with at least basic knowledge of HTML, JavaScript, and CSS, this book is all you need to master HTML5—and get to the cutting edge of web development.

Professional Cross-Platform Mobile Development in C#

Do you want to build web pages but have no prior experience? This friendly guide is the perfect place to start. You'll begin at square one, learning how the web and web pages work, and then steadily build from there. By the end of the book, you'll have the skills to create a simple site with multicolumn pages that adapt for mobile devices. Each chapter provides exercises to help you learn various techniques and short quizzes to make sure you understand key concepts. This thoroughly revised edition is ideal for students and professionals of all backgrounds and skill levels. It is simple and clear enough for beginners, yet thorough enough to be a useful reference for experienced developers keeping their skills up to date. Build HTML pages with text, links, images, tables, and forms Use style sheets (CSS) for colors, backgrounds, formatting text, page layout, and even simple animation effects Learn how JavaScript works and why the language is so important in web design Create and optimize web images so they'll download as quickly as possible NEW! Use CSS Flexbox and Grid for sophisticated and flexible page layout NEW! Learn the ins and outs of Responsive Web Design to make web pages look great on all devices NEW! Become familiar with the command line, Git, and other tools in the modern web developer's toolkit NEW! Get to know the super-powers of SVG graphics

Testing Applications on the Web

This volume contains the papers presented at the International Workshop on Tools for Working with Guidelines, (TFWWG 2000), held in Biarritz, France, in October 2000. It is the final outcome of the International Special Interest Group on Tools for Working with Guidelines. Human-computer interaction guidelines have been recognized as a uniquely relevant source for improving the usability of user interfaces for interactive systems. The range of interactive techniques exploited by these interactive systems is rapidly expanding to include multimodal user interfaces, virtual reality systems, highly interactive web-based applications, and three-dimensional user interfaces. Therefore, the scope of guidelines' sources is rapidly expanding as well, and so are the tools that should support users who employ guidelines to ensure some form of usability. Tools For Working With Guidelines (TFWWG) covers not only software tools that designers, developers, and human factors experts can use to manage multiple types of guidelines, but also looks at techniques addressing organizational, sociological, and technological issues.

Professional Mobile Application Development

This book blends instructional design and development tasks with Web design issues to outline a methodology for creating effective Web-based training (WBT). Each chapter addresses key implications relating to: the WBT project team, target learners, training goals, and technical possibilities from planning through implementation. This book is a detailed how-to

primer that integrates fundamental principles with the nuts and bolts of WBT development.

Designing Interfaces

Well-designed graphical user interfaces (GUIs) for business systems can greatly increase user productivity, but designing them can be difficult and time consuming. This book walks developers through the basics of good interface design, using real-world examples from systems that are proven successes. Galitz is an internationally recognized consultant, author, and instructor with many years of experience with information systems and user interface design. Written especially for developers who may be designing user interfaces for the first time, but also extremely useful for any developer involved in GUI or Web site design. Revised to reflect the profound enhancements in interface design, specifically how Web page design has revolutionized interface design. New information covers a variety of platforms, both traditional and Web-based.

Tools for Working with Guidelines

Forms make or break the most crucial online interactions: checkout (commerce), registration (community), data input (participation and sharing), and any task requiring information entry. In *Web Form Design*, Luke Wroblewski draws on original research, his considerable experience at Yahoo! and eBay, and the perspectives of many of the field's leading designers to show you everything you need to know about designing effective and engaging Web forms.

The Design of Everyday Things

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.

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