

Smashing Webkit

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Performance Optimization: Techniques And Strategies -

Smashing Magazine

2014-09-24

Slow loading times break the user experience of any website — no matter how well crafted it might be. In fact, it only takes three seconds until users lose their interest in a site if they don't get a response immediately. If another site

happens to be 250ms faster than yours, then users are more inclined to switch to a competitor's website in no time. Web fonts, heavy JavaScript, third-party widgets — all of them can sum up to become a real performance bottleneck. Nevertheless, tracking that down does not only improve loading times but also results in a much snappier

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experience and a higher user engagement. In this eBook, we've compiled an entire selection of front-end and server-side techniques that will help you tackle such bottlenecks. Find out how to speed up existing websites, build high-performance sites (for both mobile and desktop), and prepare them for heavy-load situations. Furthermore, you'll learn more about how performance improvements and a 97-99 Google PageSpeed score were achieved on Smashing Magazine, as well as how optimization strategies can enhance real-life projects by taking a closer look at Pinterest's paint performance case study. With the help of this eBook, you'll notice that it's high time to dig deeper into your own site and examine it closely. Why don't you polish it up and make it even better than it already is!

TABLE OF CONTENTS: - Improving Smashing Magazine's Performance: A Case Study - How To Speed Up Your WordPress Website - You May Be Losing Users If Responsive

Web Design Is Your Only Mobile Strategy - How To Make Your Websites Faster On Mobile Devices - Creating High-Performance Mobile Websites - Don't Get Crushed By The Load: Optimization Techniques And Strategies - Speed Up Your Mobile Website With Varnish - Cache Invalidation Strategies With Varnish Cache - Gone In 60 Frames Per Second: A Pinterest Paint Performance Case Study

Customizing WordPress - Smashing Magazine
2016-03-09

For a lot of people, WordPress is the entry into web development. And a lot of them don't stop there. They want more control over their WordPress site, so customizing design and functionality is the next logical step. If WordPress got you hooked, and you want to get more out of it to tailor your site more to your needs and ideas, then this eBook is for you. To start out, you will learn to build custom page templates and extend WordPress' flexibility with

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custom post types. Later, our expert authors will provide insights into customizing tree-like data structures to make them fit your particular needs, as well as tips to replace the regular custom field interface with something more powerful and user-friendly. You'll also learn to build an advanced notification system to reach your users, and, last, but not least, we'll dive deep into building, maintaining, and deploying WordPress plugins. WordPress' flexible structure is predestined for customization. So make use of this grand potential to build your projects the way you imagine them to be.

TABLE OF CONTENTS - A Detailed Guide To WordPress Custom Page Templates, written by Nick Schäferhoff - Extending WordPress With Custom Content Types, written by Brian Onorio - Building A Custom Archive Page For WordPress, written by Karol K - Customizing Tree-Like Data Structures In WordPress With The Walker Class, written by Carlo Daniele - Extending Advanced Custom Fields With

Your Own Controls, written by Daniel Pataki - Building An Advanced Notification System For WordPress, written by Carlo Daniele - How To Use Autoloading And A Plugin Container In WordPress Plugins, written by Nico Amarilla - How To Deploy WordPress Plugins With GitHub Using Transients, written by Matthew Ray

JavaScript and jQuery for Data Analysis and Visualization - Jon Raasch
2014-11-14

Go beyond design concepts—build dynamic datavisualizations using JavaScript JavaScript and jQuery for Data Analysis and Visualization goes beyond design concepts to show readers how to build dynamic, best-of-breed visualizations using JavaScript—the most popular language for web programming. The authors show data analysts, developers, and web designers how they can put the power and flexibility of modern JavaScript libraries to work to

analyze data and then present it using best-of-breed visualizations. They also demonstrate the use of each technique with real-world use cases, showing how to apply the appropriate JavaScript and jQuery libraries to achieve the desired visualization. All of the key techniques and tools are explained in this full-color, step-by-step guide. The companion website includes all sample codes used to generate the visualizations in the book, datasets, and links to the libraries and other resources covered. Go beyond basic design concepts and get a firm grasp of visualization approaches and techniques using JavaScript and jQuery. Discover detailed, step-by-step directions for building specific types of data visualizations in this full-color guide. Learn more about the core JavaScript and jQuery libraries that enable analysis and visualization. Find compelling stories in complex data, and create amazing visualizations cost-effectively. Let JavaScript and

jQuery for Data Analysis and Visualization be the resource that guides you through the myriad strategies and solutions for combining analysis and visualization with stunning results.

JavaScript Programming - Jon Raasch 2013-07-22

Take your JavaScript knowledge as far as it can go. JavaScript has grown up, and it's a hot topic. Newer and faster JavaScript VMs and frameworks built upon them have increased the popularity of JavaScript for server-side web applications, and rich JS applications are being developed for mobile devices. This book delivers a compelling tutorial, showing you how to build a real-world app from the ground up. Experienced developers who want to master the latest techniques and redefine their skills will find this deep dive into JavaScript's hidden functionalities gives them the tools to create truly amazing and complex applications. JavaScript has evolved into much more than simple client-

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sidescripting; this book delves into advanced topics not generally found in other more intermediate JS development books. Expert author delivers an in-depth tutorial showing how to build a real-world app that is loosely coupled, with each component built to exist separately. Explores how to build a backbone app, the importance of JavaScript templates, Node.js and MongoDB, 3D Canvas using WebGL /Three.js, how to convert a desktop app into a dedicated mobile app, and much more. Ideal for experienced developers with a deep knowledge of JavaScript as well as online developers with strong graphic design skills who are experienced in HTML/CSS and want to develop their front-end skills. JavaScript Programming: Pushing the Limits will arm you with the skills to create killer apps for the 21st Century.

Practical JavaScript Techniques -

Present across millions of websites and growing in

popularity, JavaScript is an essential and practical for all programmers, designers and coding aficionados. "Practical JavaScript Techniques" offers expert instruction, tips and methodologies relevant for all levels of knowledge. Learn interactive CSS and jQuery techniques, how to take advantage of JavaScript's versatile capabilities and even how to build JavaScript-based gaming experiences. Whether you're perfecting Web design or building jQuery plugins, this vital resource is a must-have.

TABLE OF CONTENTS -
Develop A One-Of-A-Kind CSS/JS-Based Game Portfolio -
Five Useful Interactive CSS/jQuery Techniques Deconstructed - Create An Animated Bar Graph With HTML, CSS And jQuery - A Beginner's Guide To jQuery-Based JSON API Clients - How To Build A Real-Time Commenting System - The Developer's Guide To Conflict-Free JavaScript And CSS In WordPress - Optimizing Long Lists Of Yes/No Values With JavaScript - Building A

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Relationship Between CSS & JavaScript

HTML Essentials - 2012

No matter what direction you take when you begin a Web based project, one thing is for sure: it has to begin with solid HTML. You are one step ahead if you apply the most up to date HTML techniques. This eBook HTML Essentials, will give you an overview on HTML, teach you how to decouple HTML from CSS, show the reasons why you should use HTML5, and many other tools for your next Web based project.

Future-Proof Web Design -

Alexander Dawson 2011-11-07

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.

Behind the Scenes of Real-Life Projects - Smashing Magazine 2013-12-13

Is there anything more insightful than learning about the workflows from fellow designers and developers, and what techniques they use?

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What made their projects a stunning success, and how do they overcome missteps? With this eBook, we'll take a closer look at the techniques and stories of some folks behind real-life Web projects. Among others, you will discover how renowned projects such as the Financial Times Web app or the Nike Better World website were built, and learn from the success story of a translation app that made it into Apple's top ten charts. You'll also get an insight into Google's User Experience Lab, and (illustrated by the example of Pinterest) explore the importance of paint performance. Furthermore, our Smashing authors share valuable lessons learned in the course of their careers — from both successes and failures. This eBook is full of handy tips, ideas, and personal experiences that are beneficial to any Web professional.

TABLE OF CONTENTS -
Building The New Financial Times Web App - Bringing Angry Birds To Facebook - Behind The Scenes Of Nike

Better World - Behind The Scenes Of Tourism New Zealand - Tale Of A Top-10 App, Part 1: Idea And Design - Tale Of A Top-10 App, Part 2: Marketing And Launch - Gone In 60 Frames Per Second: A Pinterest Paint Performance Case Study - Inside Google's User Experience Lab: An Interview With Google's Marcin Wichary - Mistakes I've Made (And Lessons Learned Along The Way)

Smashing CoffeeScript - Alex Hudson 2013-03-29

Brew the perfect code with CoffeeScript If you're familiar with JavaScript and the often-frustrating process of creating complex applications, a nice cup of CoffeeScript can help. CoffeeScript is a programming language that compiles into JavaScript and simplifies the entire development process. Now you can tap the full power of CoffeeScript with Smashing CoffeeScript. This full-color, practical book explains CoffeeScript language, syntax, and processes, and will soon have you producing concise and quality code. Ultimately,

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you'll create RIAs and mobile apps faster, with less hassle. Gets developers up and running on CoffeeScript, a programming language that compiles into JavaScript and simplifies the process of building software Helps you produce better JavaScript and more quickly Introduces the language, syntax, and processes of CoffeeScript Covers the development of both mobile and rich internet apps Explores the HTML5 feature set, real-time communication, and using CoffeeScript within node.js projects Developers, blend some better JavaScript with CoffeeScript and Smashing CoffeeScript.

[The Smashing Book #4](#) - 2013

The Mac Hacker's Handbook - Charlie Miller
2011-03-21

As more and more vulnerabilities are found in the Mac OS X (Leopard) operating system, security researchers are realizing the importance of developing proof-of-concept exploits for those

vulnerabilities. This unique tome is the first book to uncover the flaws in the Mac OS X operating system—and how to deal with them. Written by two white hat hackers, this book is aimed at making vital information known so that you can find ways to secure your Mac OS X systems, and examines the sorts of attacks that are prevented by Leopard's security defenses, what attacks aren't, and how to best handle those weaknesses.

The CSS3 Anthology - Rachel Andrew
2012-03-15

The CSS Anthology: 101 Essential Tips, Tricks & Hacks is a compilation of best-practice solutions to the most challenging CSS problems. The fourth edition of this best-selling book has been completely revised and updated to cover newer techniques enabled by CSS3 and HTML5, and more recent trends in web design, such as responsive design. It is the most complete question-and-answer book on CSS available, with over 100 tutorials that show readers how to gain more

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control over the appearance of their web pages, create sophisticated web page navigation controls, and design for alternative browsing devices, including phones and screen readers. The CSS code used to create each of the components is available for download and guaranteed to be simple, efficient and cross-browser compatible.

Responsive Web Design with HTML5 and CSS3 - Ben Frain
2012-01-01

This book will lead you, step by step and with illustrative screenshots, through a real example. Are you writing two websites - one for mobile and one for larger displays? Or perhaps you've heard of Responsive Design but are unsure how to bring HTML5, CSS3, or responsive design all together. If so, this book provides everything you need to take your web pages to the next level - before all your competitors do!

Beginning HTML5 and CSS3 - Christopher Murphy
2013-01-26
Beginning HTML5 and CSS3 is

your introduction to the new features and elements of HTML5—as a web developer you'll learn about all the leaner, cleaner, and more efficient code available now with HTML5, along with some new tools that will allow you to create more meaningful and richer content. For everyone involved in web design, this book also introduces the new structural integrity and styling flexibility of CSS 3—which means better-looking pages and smarter content in your website projects. For all forward-looking web professionals who want to start enjoying and deploying the new HTML5 and CSS3 features right away, this book provides you with an in-depth look at the new capabilities—including audio and video—that are new to web standards. You'll learn about the new HTML5 structural sections, plus HTML5 and CSS3 layouts. You'll also discover why some people think HTML5 is going to be a Flash killer, when you see how to create transitions and animations with these new

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technologies. So get ahead in your web development through the practical, step-by-step approaches offered to you in Beginning HTML5 and CSS3.

The Book of CSS3, 2nd Edition - Peter Gasston

2014-11-01

CSS3 is the technology behind most of the eye-catching visuals on the Web. But the docs can be dry, murky, and full of dastardly caveats for inconsistent browser implementations. This completely updated second edition of the best-selling Book of CSS3 distills the dense technical language of the CSS3 specification into plain English and shows you what CSS3 can do now, in all major browsers. You'll find fully revised coverage of the updated syntax of gradients, grids, and flexible box layout, as well as all-new chapters on values and sizing, and graphical effects like filter effects and blend modes. With an abundance of real-world examples and a focus on the principles of good design, The Book of CSS3 will help you expand your CSS skills, as you

learn how to: -Style text with custom font choices, drop shadows, and other effects -Create, position, and resize background images on the fly -Spice up static web pages with event-driven transitions and animations -Apply 2D and 3D transformations to text and images -Use linear and radial gradients to create smooth color transitions -Take control of layout with grids, columns, and flexible alignment -Tailor a website's appearance to every type of web-capable device The companion website includes up-to-date browser compatibility charts, links to tutorials and resources, and live CSS3 examples. The Web can be an ugly place. Make it pretty with The Book of CSS3.

The Art of Graphic Design -

Bradbury Thompson

2018-01-01

A revered classic of American design delights anew with the freshness and ingenuity of its approach Bradbury Thompson (1911-1995) remains one of the most admired and influential graphic designers of the twentieth century, having

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trained a generation of design students while on the faculty of the Yale School of Art for more than thirty years. The art director of *Mademoiselle* and design director of *Art News* and *Art News Annual* in the decades after World War II, Thompson was also a distinguished designer of limited-edition books, postage stamps, rationalized alphabets, corporate identification programs, trademarks, and sacred works (most notably the Washburn College Bible). Thompson also designed more than sixty issues of *Westvaco Inspirations*, a magazine that was published by the Westvaco Corporation and distributed to thousands of printers, designers, and teachers to show the range and versatility of printing papers. Thompson was especially revered for his ability to adapt classic typography for the modern world. Bradbury Thompson: *The Art of Graphic Design* is a landmark in the history of fine bookmaking. First published by Yale University Press in 1988 and designed by Thompson

himself, it was praised by the *New York Times* as a book in which "art and design are gloriously and daringly mixed." Original texts by the author and other notable designers, critics, and art historians, including J. Carter Brown, Alvin Eisenman, and Steven Heller, explore Thompson's methods and design philosophy, and a newly commissioned afterword by Jessica Helfand attests to the enduring importance of his work. Both a retrospective and a manifesto, the book surveys Thompson's timeless contributions to American graphic design, including his experimental work and his work in magazines, typography, books, simplified alphabets, and contemporary postage stamps. Published for the first time in paperback, this classic text is now available for a new generation of designers and students.

Redesign the Web - 2010

Unlike its predecessors, the new *Smashing Books 3 and 3 and a half* have the main theme: Redesign. The books

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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 Redesigned: 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.

Smashing Mobile Web Development - G. Avola
2012-11-05

Developers, here's what you need to migrate your skills to mobile If you're a devoted reader of Smashing Magazine, you know that all development roads now lead to mobile, so desktop-browser-based web

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developers need to get up to speed and soon. Start migrating your abilities to mobile with this terrific book. It first helps you make the switch to HTML5 and CSS3, before teaching you how to apply those skills to build websites that work across all mobile devices and mobile browsers. Topics include using wireframes and templates, understanding frameworks such as jQuery Mobile, getting up to speed on newer technologies such as Boilerplate, and more. Essential guide for web developers who want to build websites that work across all mobile devices and mobile browsers Explains the essential tools you'll need for web mobile, including HTML5, CSS3, and JQuery Mobile Brings you up to speed on newer tools such as Boilerplate Keeps your professional skills up to date with today's technology trends By the time you finish Smashing Mobile Web Development, you'll have built your own mobile website that incorporates geolocation,

social media, and more.

Smashing CSS - Eric Meyer
2010-11-09

PROFESSIONAL

TECHNIQUES FOR MODERN
LAYOUT Smashing CSS takes

you well beyond the basics, covering not only the finer points of layout and effects, but introduces you to the future with HTML5 and CSS3. Very few in the industry can show you the ins and outs of CSS like Eric Meyer and inside Smashing CSS Eric provides techniques that are thorough, utterly useful, and universally applicable in the real world.

From choosing the right tools, to CSS effects and CSS3 techniques with jQuery, Smashing CSS is the practical guide to building modern web layouts. With Smashing CSS you will learn how to: Throw elements offscreen/hide them Create body/HTML

backgrounds in XHTML Use more than 15 layout techniques including clearfix, two/three simple columns, faux columns, One True Layout, Holy Grail, em-based layout, fluid grids, sticky footers, and

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more Use a variety of CSS effects including CSS popups, boxpunching, rounded corners, CSS sprites, Sliding Doors, Liquid Bleach, ragged floats, and more Apply CSS table styling including using thead, tfoot, and tbody, row headers, column-oriented styling (classes); styling data tables with jQuery, tables to graphs, tables to maps; and more Use CSS3 elements including rounded corners, multiple backgrounds, RGBA, using jQuery to do CSS3 selections and so much more. Eric Meyer is an internationally recognized expert on the subjects of HTML, CSS, and Web standards, and has been working on the Web since 1993. Smashing CSS is for developers who already have some experience with CSS and JavaScript and are ready for more advanced techniques. Smashing Magazine (smashingmagazine.com) is one of the world's most popular web design sites. True to the Smashing mission, the Smashing Magazine book series delivers useful and

innovative information to Web designers and developers.

[Responsive Web Design: Getting The New Baseline In Web Design Right](#) - Ben Gremillion 2013

With the advent of responsive techniques, design patterns and off-the-shelf components, responsive Web design has become more than a technique — but rather a new mindset that requires us all to rethink and extend our practices. Responsive design is also about performance, server-side components, content strategy and conditional loading. With this eBook, you will learn how to go from non-responsive layouts to optimized responsive mobile experiences. We're happy to present techniques to help you overcome outdated practices and set new defaults in your workflow — a new responsive design workflow.

TABLE OF CONTENTS - How Much Has The Web Really Changed? - Looking Beyond Common Media Query Breakpoints - Logical Breakpoints For Your Responsive Design - Preparing

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Websites For The Unexpected -
How To Maintain Hierarchy
Through Content

Choreography - Towards A
Retina Web - Building A Better
Responsive Website - How To
Make Your Websites Faster On
Mobile Devices

Mastering jQuery - 2011

jQuery is well known for being a concise JavaScript library that helps simplify HTML document traversing, event handling, creating animations and Ajax interactions for rapid Web development. Choosing the right plugins, creating bookmarklets, setting patterns or manipulating images can be challenging even for experienced programmers. In order to help you avoid struggling with such decision issues, we have selected articles with the most exclusive, top notch advice on jQuery in our latest release: the Smashing eBook Mastering jQuery (eBook 14). This eBook contains just the orientation you need to optimize your forthcoming jQuery projects.

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Commonly Confused Bits Of

jQuery - Image Manipulation
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With jQuery - jQuery Plugin
Checklist: Should You Use That
jQuery Plug In? - Essential
jQuery Plugin Patterns
[Designing For Email](#) -
Smashing Magazine
2014-10-30

HTML email has the reputation of being a particularly tough design medium. Buggy email clients stripping out your CSS or the spammy image that one-to-many emails not seldomly partake of, i.e. building compelling emails is quite a challenge for designers. With opening rates on mobile growing tremendously, things don't get any easier either. If you haven't ventured on the task yet or want to improve your existing email design skills, then this eBook offers the practical advice you need, whether you want to share your stories in a newsletter or aim at committing to email to market your product. After taking a look at the current state of HTML email design, you'll get to grips with

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optimizing email for mobile, and learn to build your own modular email construction kit that you can draw on to cater for best results on desktop, web and mobile clients. We'll also explore handy tips to raise your email above inbox noise — with a friendly tone and engaging content (no dirty tricks here!) — and consider missteps that you should better avoid. Building HTML emails certainly does require some fiddling around, but it's definitely worth it. So, are you ready to take on the challenge?

TABLE OF CONTENTS: • What 22 Billion Email Newsletters Tell Us About Designing For Email • From Monitor To Mobile: Optimizing Email Newsletters With CSS • Improve Your Email Workflow With Modular Design • Size Matters: Balancing Line Length And Font Size In Responsive Web Design • How To Raise Your Email Above Inbox Noise • Designing The Words: Why Copy Is A Design Issue • How To Use Email To Alienate Your Users • Email Marketing For Mobile App Creators • How To

Create A Self-Paced Email Course

The Web In Motion - Smashing Magazine
2015-02-26

Animation is not about mere decoration, but (when used sparingly) can turn out to be a catalyst for making the interaction with a website more intuitive and memorable. So, what is the current state of animation on the web? Where is it heading? And how can you tackle the possibilities and challenges it brings along? After the golden times of Flash were over, animations led a rather shadowy existence on the web for quite some time. They were considered as unnecessary gimmicks and superfluous add-ons, but things were about to change. With apps already benefiting from their responsive interfaces, the importance of both animation and motion design, as well as their ability to make the user experience more delightful, was growing evermore. The questions tackled and discussed in this eBook are bound to help you grasp what

meaningful motion design is all about and how you can implement it into your own projects. TABLE OF CONTENTS: - The State Of Animation 2014 - A Quick Look Into The Math Of Animations With JavaScript - Animating Without jQuery - Faster UI Animations With Velocity.js - Using Motion For User Experience On Apps And Websites - Understanding CSS Timing Functions - Styling And Animating SVGs With CSS **The Modern Web** - Peter Gasston 2013-04-15 Today's web technologies are evolving at near-light speed, bringing the promise of a seamless Internet ever closer to reality. When users can browse the Web on a three-inch phone screen as easily as on a fifty-inch HDTV, what's a developer to do? Peter Gasston's *The Modern Web* will guide you through the latest and most important tools of device-agnostic web development, including HTML5, CSS3, and JavaScript. His plain-English explanations and practical examples

emphasize the techniques, principles, and practices that you'll need to easily transcend individual browser quirks and stay relevant as these technologies are updated. Learn how to: -Plan your content so that it displays fluidly across multiple devices -Design websites to interact with devices using the most up-to-date APIs, including Geolocation, Orientation, and Web Storage -Incorporate cross-platform audio and video without using troublesome plug-ins -Make images and graphics scalable on high-resolution devices with SVG -Use powerful HTML5 elements to design better forms Turn outdated websites into flexible, user-friendly ones that take full advantage of the unique capabilities of any device or browser. With the help of *The Modern Web*, you'll be ready to navigate the front lines of device-independent development.

Smashing WebKit - Jon Raasch 2011-11-29 "As the default browser for both iPhone and Android,

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WebKit has become a major player in the mobile arena, offering a wider array of HTML5 and CSS3 support than any other major engine.

Written by expert author Jon Raasch, this essential book teaches you how to use WebKit to make web sites more engaging, faster, and more visually appealing. You'll explore the variety of unique interface options that WebKit offers as you quickly discover how to create a unique web experience that provides functionality and entertainment." --Publisher description.

Smashing Book #31/3 - 2012
With Web design, we can do much more than inform the audience. The power of storytelling and content strategy is in creating engaging, emotional connections that transcend their platforms. In this book, we will review emerging navigation design patterns and understand how to employ a content strategy, which is an important process, often underestimated and dependent

on many factors. A case study of Smashing Magazines responsive redesign beautifully illustrates what this approach could look like in practice.

TABLE OF CONTENTS
1) The Missing Element of Redesign: Story by Denise Jacobs
2) Rethinking Navigation: Techniques and Design Patterns by Christian Holst
3) Rework Your Content So It Works for You by Colleen Jones
4) Responsive Smashing Redesign, a Case Study by Vitaly Friedman

Responsive Design - 2012
This eBook, *Responsive Design*, gives an overview about responsive Web design, showing many situations and techniques in which this approach can be applied to. Smartphones, tablets, laptops and desktop computers may share the same design, which is adapted according to screen size, platform and orientation of each device. Flexible grids and layouts, images, text and an intelligent use of CSS media queries are included.

CSS Animations and Transitions for the Modern

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Web - Steven Bradley
2014-11-10

Modern websites use a variety of animated effects not only to improve usability but also to delight and surprise users. Some of these effects require complex scripting or programming skills, but many are within the grasp of designers who are already familiar with CSS and HTML. CSS Animations and Transitions for the Modern Web shows designers how to add movement to web pages over time using CSS3 style definitions. Author Steven Bradley begins as simply as possible and uses elementary skills as the basis for more advanced techniques. Conceptual explanation is combined with specific examples to give designers a solid foundation in the art of creating dynamic and appealing websites. Steven's examples are posted at peachpit.com so readers can see the animations in action and download the code files for further study. Instructions for access are in the "Getting

Started" section. With CSS Animations and Transitions for the Modern Web, you'll learn how to make your websites more vibrant and compelling with user interfaces that are functional, reliable, and usable, as well as beautiful. Up-to-date information on current browser support for CSS animations and transitions An introduction to manipulating web page objects in both 2D and 3D space Techniques for creating smooth transitions between object states An overview of Disney's principles for creating realistic animation and how they apply to web page designs Practical Mobile Forensics - Satish Bommisetty 2014-07-21 The book is an easy-to-follow guide with clear instructions on various mobile forensic techniques. The chapters and the topics within are structured for a smooth learning curve, which will swiftly empower you to master mobile forensics. If you are a budding forensic analyst, consultant, engineer, or a forensic professional wanting to expand your skillset, this is the book for

you. The book will also be beneficial to those with an interest in mobile forensics or wanting to find data lost on mobile devices. It will be helpful to be familiar with forensics in general but no prior experience is required to follow this book.

Responsive Web Design: Solutions For Responsive Images - Smashing Magazine
2014-07-24

With the limitations that the tag brings along, images have long been a major obstacle when wanting to create truly responsible, fast, responsive websites. Luckily, the upcoming `element` and `srcset/sizes` are about to finally change this. However, even in the meantime, while browser vendors are still busy implementing the new specification, you can already start to incorporate truly responsive images into your website. There are a number of smart solutions to close up the existing gaps: polyfills, fallbacks for legacy browsers, and clever approaches that were created on the fly due to

missing alternatives. To help you review and understand different methods, we've compiled a selection of the different techniques in this eBook. It features practical advice on every implementation, as well as tips on tackling the art direction and resolution-switching use cases that a growing device landscape has brought along. As you will notice, there is no reason to wait anymore; you can already cater for responsive images today!

TABLE OF CONTENTS: -
Picturefill 2.0: Responsive Images And The Perfect Polyfill
- Responsive Images Done Right: A Guide To `And srcset` -
Automate Your Responsive Images With Mobify.js - One Solution To Responsive Images
- Addressing The Responsive Images Performance Problem: A Case Study - Clown Car
Technique: Solving Adaptive Images In Responsive Web Design - Simple Responsive Images With CSS Background Images - Responsive Images With WordPress' Featured Images - Responsive Image

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Container: A Way Forward For Responsive Images? -

Rethinking Responsive SVG

The Truth About HTML5 - RJ

Owen 2013-12-20

The Truth About HTML5 is for web designers, web developers, and front-end coders who want to get up to speed with HTML5. The book isn't afraid to point out what everyone gets wrong about HTML5's new markup, so you don't make the same mistakes. It will show you what rocks in HTML5 today and what the future holds. Marking up a basic web page shouldn't be a quasi-religious exercise where the high priests of HTML5 must be consulted for their interpretation of the holy texts (the HTML5 spec). Don't waste hours trawling through confusing, poorly researched, and often flat-out wrong information on the Internet. Get the truth on HTML5's markup here. You'll also find out about HTML5's new microdata standard that's being used on major websites, such as eBay and IMDB, right now, and get the low-down on

the Canvas object and what it can and can't do for you. The book also covers how HTML5 affects CMSs and web apps, what HTML5 means for mobile, and what the future holds.

HTML5 isn't one big blob of technology that will be "finished" at some point in the future. It's a grab bag of cool stuff, much of which has been around for years. Learn what's well supported and ready to go today. Now that the initial wave of hype is over, it's time to learn the truth about HTML5. What you'll learn How to write elegant and up-to-date HTML5 markup How to use microdata - the future of the semantic web What the Canvas object can and can't do, and how to use it correctly How to use new features such as enhanced forms and video and audio Which HTML5 features are production ready, and what the future holds Who this book is for The Truth About HTML5 is for web developers and designers who want to start using HTML5 properly in their web projects. Now that the dust has settled on HTML5, it's

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a good time for beginners to jump aboard, and for experienced developers to take stock of what's out there. Table of Contents A Somewhat Sensationalized History of HTML5 What HTML5 Means for a Modern Web Page The Pain and Pleasure of Page Structure Elementary, My Dear WHATWG? The Truth Behind the New Structural Tags Semantics, Micro-Semantics, and Schema.org HTML5 Boosted My Page Rank, and other SEO Myths The New Nonstructural HTML5 Tags and When You Should Use Them HTML5 Forms: Beauty and the Beast Canvas, Gaming, and Flash Hear No , See No SVG: It Lives! Web Apps, Mobile, and What Comes Next Performance Based Design: The Future
The Mobile Book - 2012
This book presents the techniques and tools to design for mobile devices. It is not easy to understand how the mobile market looks and works in general. There are many questions: How to pick the right mobile strategy and

select the right approach for a website? What design patterns and what UX techniques can assist in designing quicker and better for mobile devices? What design patterns help when building responsive websites and to optimize the performance for mobile? How should the design process be different from traditional design workflow? This book attempts to answer these questions with the valuable insights of mobile design experts. --

The Book of CSS3 - Peter Gasston 2011-05-15

CSS3 is behind most of the eye-catching visuals on the Web today, but the official documentation can be dry and hard to follow and browser implementations are scattershot at best. The Book of CSS3 distills the dense technical language of the CSS3 specification into plain English and shows you what CSS3 can do right now, in all major browsers. With real-world examples and a focus on the principles of good design, it extends your CSS skills,

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helping you transform ordinary markup into stunning, richly-styled web pages. You'll master the latest cutting-edge CSS3 features and learn how to:

- Stylize text with fully customizable outlines, drop shadows, and other effects
- Create, position, and resize background images on the fly
- Spice up static web pages with event-driven transitions and animations
- Apply 2D and 3D transformations to text and images
- Use linear and radial gradients to create smooth color transitions
- Tailor a website's appearance to smartphones and other devices

A companion website includes up-to-date browser compatibility charts and live CSS3 examples for you to explore. The Web can be an ugly place—add a little style to it with *The Book of CSS3*.

[Javascript for Web Designers](#) - Mat Marquis 2016

A detailed and approachable tour around this essential language. Make your way through plenty of practical examples, as you pick up syntax rules, the fundamentals

of scripting, and how to handle data types and loops

Android Hacker's Handbook - Joshua J. Drake 2014-03-26

The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security,

you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis. Covers Android application building blocks and security as well as debugging and auditing Android apps. Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack. Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

Conference proceedings - XLVI International Symposium on Operational Research SYMOPIS 2019 - Milan Martić 2019-11-18

The Faculty of Organizational Sciences, University of Belgrade traditionally, in cooperation with other higher education and scientific institutions and associations,

organizes a SYM-OP-IS symposium to advance the theory and practice of operational research, business analytics and related disciplines. This year, the 46th Symposium on Operations Research - SYM-OP-IS is being organized as an international scientific conference. The symposium brings together domestic and international academic and scientific public, OR practitioners, public and non-governmental sector, as well as students who participate in discussing and analyzing relevant issues in the field of contemporary operational research. The aim of the Symposium is to provide a unique forum for discussion of current issues and exchange of the latest information, ideas and innovative solutions in the field of operational research in the context of improving business achievements and results. Authors have the opportunity to publish scientific and professional results as research papers or case studies. This year's conference program is

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organized through thematic sessions and consists of 132 papers by authors from 10 countries. In addition to thematic sections, plenary lectures of eminent scientists in the field of business intelligence data science, efficiency measurement and behavioral operational research will be held as well as a forum on "International Projects in Science and Education". Scientific Committee Chair Milan Martić

Fakultet organizacionih nauka Univerziteta u Beogradu tradicionalno u saradnji sa drugim visokoškolskim i naučnoistraživačkim organizacijama, kao i naučnim udruženjima, organizuje simpozijum SYM-OP-IS sa ciljem unapređenja teorije i prakse operacionih istraživanja, poslovne analitike i srodnih disciplina. Ove godine se organizuje 46. simpozijum operacionih istraživanja – SYM-OP-IS kao međunarodni naučni

skup. Simpozijum okuplja domaću i međunarodnu akademsku i naučnu javnost, predstavnike korporativnog, javnog i nevladinog sektora, kao i studente osnovnih, masterskih i doktorskih studija koji kroz predstavljanje svojih dosadašnjih rezultata, saznanja i iskustava učestvuju u razmatranju i analizi relevantnih pitanja iz oblasti savremenih operacionih istraživanja. Cilj Simpozijuma je da obezbedi jedinstven forum za diskusiju o aktuelnim pitanjima i razmenu najnovijih informacija, ideja i inovativnih rešenja u oblasti operacionih istraživanja menadžmenta u kontekstu unapređenja poslovnih dostignuća i rezultata. Autori imaju mogućnost da naučne i stručne rezultate publikuju kao istraživačke radove ili studije slučaja. Ovogodišnji program konferencije je organizovan kroz tematske sesije i sastoji se iz 132 rada autora iz 10 zemalja. Uz tematske sekcije, biće održana i plenarna predavanja eminentnih naučnika iz oblasti nauke o

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podacima poslovne analitike, merenja efikasnosti i bihevijoralnih operacionih istraživanja kao i forum na temu "Međunarodni projekti u nauci i prosveti". Predsednik Programskog odbora Milan Martić

Engineering Secure Software and Systems - Fabio Massacci 2010-01-27

This book constitutes the refereed proceedings of the Second International Symposium on Engineering Secure Software and Systems, ESSoS 2010, held in Pisa, Italy, in February 2010. The 9 revised full papers presented together with 8 ideas papers were carefully reviewed and selected from 58 submissions. The papers are organized in topical sections on attack analysis and prevention, policy verification and enforcement, and secure system and software development.

Smashing WebKit - Jon Raasch 2011-11-14

The ultimate guide to WebKit from the world's most popular resource for web designers and developers As the default

browser for both iPhone and Android, WebKit has become a major player in the mobile arena, offering a wider array of HTML5 and CSS3 support than any other major engine. Written by expert author Jon Raasch, this essential book teaches you how to use WebKit to make web sites more engaging, faster, and more visually appealing. You'll explore the variety of unique interface options that WebKit offers as you quickly discover how to create a unique web experience that provides functionality and entertainment. Packed with best practices, real-world examples, and invaluable advice, this must-have guide explores WebKit's capabilities, recommended techniques, and tips for improving an existing web site. Plus, whenever possible, cross-browser support is discussed for WebKit solutions as well as a wide variety of advanced presentation and interactivity options. Gets you started with WebKit and shows you how to maximize HTML5 and CSS3

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features in WebKit Addresses ways to optimize your web site for mobile devices and enhance the mobile user experience. Features numerous examples, tips, techniques, and advice for getting the most out of WebKit. This book escorts you through a myriad of ways that WebKit can set your web site apart from the competition.

Taming CSS Complexity -

Smashing Magazine

2013-10-23

"Taming CSS Complexity" is a collection of 11 CSS-packed chapters that are all about performance- and developer-friendly coding. In order to achieve a well-rounded coding experience, the Smashing Magazine authors have explored the complexity of CSS from different perspectives, balancing rather specific hands-on tips and more general coding best practices. Among other hot topics, this eBook covers how to design layouts with Flexbox, Atomic Design with Sass, and takes a look at the most common CSS issues. Experimental techniques such as the "Clown Car Technique"

provide innovative approaches to new challenges, and an insight into the BEM methodology helps to improve the overall quality of front-end code. To simplify your daily coding routine, valuable tricks on how to structure and style your code have also been included in this eBook.

TABLE OF CONTENTS - Semantic CSS With Intelligent Selectors - Absolute Horizontal And Vertical Centering In CSS - How To Benefit From CSS Generated Content - The Problem Of CSS Form Elements - Clown Car Technique: Solving Adaptive Images In Responsive Web Design - The "Other" Interface: Atomic Design With Sass - Simple Responsive Images With CSS Background Images - Designing CSS Layouts With Flexbox Is As Easy As Pie - The Evolution Of The BEM Methodology - Using White Space For Readability In HTML And CSS - Why Coding Style Matters

Smashing jQuery - Jake

Rutter 2011-01-13

From the world's most popular

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resource for web designers and developer's comes the ultimate guide to jQuery Begins with an exploration of fundamental jQuery concepts such as Document Object Model (DOM) scripting Explores writing "Don't Repeat Yourself" (DRY) to gain a comprehensive understanding of these imperative modern techniques and best practices Shows how jQuery enables the user to adhere to these modern best

practices with ease The succeeding chapters discuss a specific part of jQuery development such as manipulating the DOM, working with Ajax, and adding slick animation effects through tutorial style learning approach that utilizes working examples to explore the concept The books caps off by discussing popular ways of extending the core jQuery library with pugins and building web interfaces using jQuery UI