

Smashing Webkit

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

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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

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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

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(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

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full of handy tips, ideas, and personal experiences that are beneficial to any Web professional.

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Building The New Financial Times

Web App - Bringing Angry Birds To

Facebook - Behind The Scenes Of

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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

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Study - Inside Google's User
Experience Lab: An Interview With
Google's Marcin Wichary - Mistakes
I've Made (And Lessons Learned
Along The Way)

The first comprehensive guide to
discovering and preventing attacks

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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

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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

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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

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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

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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

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to defend Android systems against
attack Android Hacker's Handbook
is the first comprehensive resource
for IT professionals charged with
smartphone security.

Present across millions of websites
and growing in popularity,

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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

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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

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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,

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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

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Of Yes/No Values With JavaScript - Building A Relationship Between CSS & JavaScript

This book will lead you, step by step
and with illustrative screenshots,
through a real example. Are you
writing two websites - one for mobile

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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 -

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before all your competitors do!
Behind the Scenes of Real-Life
Projects
Conference proceedings - XLVI
International Symposium on
Operational Research SYMOPIS
2019

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Future-Proof Web Design
CSS Animations and Transitions for
the Modern Web
Pushing the Limits
Smashing CSS
As more and more vulnerabilities are
found in the Mac OS X (Leopard)

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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.

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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

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attacks aren't, and how to best handle those weaknesses.

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

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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

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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

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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

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going to be a Flash killer, when you see how to create transitions and animations with these new technologies. So get ahead in your web development through the practical, step-by-step approaches offered to you in Beginning HTML5

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and CSS3.

With the limitations that the `img` tag brings along, images have long been a major obstacle when wanting to create truly responsible, fast, responsive websites. Luckily, the upcoming `picture` 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

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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

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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

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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 -

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Responsive Images With
WordPress ' Featured Images -
Responsive Image Container: A Way
Forward For Responsive Images? -
Rethinking Responsive SVG
Today ' s web technologies are
evolving at near – light speed,

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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

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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

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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

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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

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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-

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independent development.

New Perspectives on Web Design

The Book of CSS3, 2nd Edition

Smashing jQuery

The Web Evolved

Javascript for Web Designers

Designing For Email

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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

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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

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Motion For User Experience On Apps
And Websites - Understanding CSS
Timing Functions - Styling And
Animating SVGs With CSS
From the world's most popular
resource for web designers and
developer's comes the ultimate guide
to jQuery Begins with an exploration of

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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

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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

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books caps off by discussing popular ways of extending the core jQuery library with pugins and building web interfaces using jQuery UI

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

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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

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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

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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

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with WebKit and shows you how to maximize HTML5 and CSS3 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

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you through a myriad of ways that WebKit can set your web site apart from the competition.

"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

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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

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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

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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

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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

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Pie - The Evolution Of The BEM
Methodology - Using White Space For
Readability In HTML And CSS - Why
Coding Style Matters
Smashing Book #31?3
JavaScript and jQuery for Data
Analysis and Visualization
The Mobile Book

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Mastering jQuery

Understanding Advanced JavaScript

"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."

--Publisher description.

PROFESSIONAL TECHNIQUES
FOR MODERN LAYOUT Smashing
CSS takes you well beyond the basics,

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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 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.

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

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Beyond Common Media Query
Breakpoints - Logical Breakpoints For
Your Responsive Design - Preparing
Websites For The Unexpected - How
To Maintain Hierarchy Through
Content Choreography - Towards A
Retina Web - Building A Better

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Responsive Website - How To Make Your Websites Faster On Mobile Devices

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 richJS 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-side scripting; 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.

Engineering Secure Software and Systems

Android Hacker's Handbook

The Mac Hacker's Handbook

Second International Symposium,
ESSoS 2010, Pisa, Italy, February 3-4,
2010, Proceedings
Practical Mobile Forensics
Responsive Web Design: Getting The
New Baseline In Web Design Right
This book presents the

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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

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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

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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

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questions with the valuable insights of mobile design experts. --

For a lot of people, WordPress is the entry into web development. And a lot of them don ' t stop there.

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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

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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 custom post types. Later, our

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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

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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

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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

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Content Types, written by
Brian Onorio - Building A

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Custom Archive Page For
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K - Customizing Tree-Like
Data Structures In WordPress
With The Walker Class,
written by Carlo Daniele -
Extending Advanced Custom

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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

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Container In WordPress
Plugins, written by Nico
Amarilla - How To Deploy
WordPress Plugins With
GitHub Using Transients,
written by Matthew Ray
Go beyond design

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concepts—build dynamic
datavisualizations using
JavaScript JavaScript and
jQuery for Data Analysis and
Visualization goes beyond
design concepts to show
readers how to build

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dynamic, best-of-breed visualizations using JavaScript—the most popular language for web programming. The authors show data analysts, developers, and web

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designers show 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

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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

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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

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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-

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step directions for
buildingspecific types of data
visualizations in this full-color
guide Learn more about the
core JavaScript and jQuery
libraries thatenable analysis
and visualization Find

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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

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through the myriad strategies and solutions for combining analysis and visualization with stunning results.

Using CSS to add transitions and animation to web page designs takes advantage of

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the dynamic nature of designing for the web. They are quickly becoming the de facto way designers can add a measure of delight and surprise to web pages. More importantly, they can help

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make web pages more usable.
Using stunning visuals and
design, CSS Animations and
Transitions for the Modern
Web teaches web designers
how to dynamically change
design elements on a web

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page over time. It starts by showing a variety of ways you can transform elements and then teaches two different methods for setting the change in motion in action. The book will start the

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topic as simply as possible and build on the basics with more elaborate techniques. Simple examples will be presented throughout and the book will close with more detailed, complex, and

practical examples. For most of his examples, Steven uses the new open-source code editor from Adobe, Brackets, but the book is perfectly usable with any code editing environment or even a simple

text editor.

Smashing Book #3

Redesign the Web

Customizing WordPress

HTML Essentials

The Book of CSS3

Take Your Sites to New

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Heights

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

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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

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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

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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

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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 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

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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

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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

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What Comes Next Performance Based Design: The Future 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

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browsers. With real-world examples and a focus on the principles of good design, it extends your CSS skills, 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.

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

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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

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CSS available, with over 100 tutorials that show readers how to gain more control over the appearance of their web pages, create sophisticated web page navigation controls, and design for alternative browsing

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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.

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

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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 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 Marti _____

_____ Fakultet
_____ organizacionih nauka
Univerziteta u Beogradu
tradicionalno u saradnji sa
drugim visoko školskim i
nau noistra iva kim

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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 domaće 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 istraivanja menadžmenta u kontekstu unapređenja poslovnih dostignuća i rezultata. Autori imaju mogućnost da naučne i stručne rezultate publikuju kao istraživačke radove ili studije

slušača. 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 podacima poslovne analitike, merenja efikasnosti i bihevijoralnih operacionih istraivanja kao i forum na temu "Meunarodni projekti u nauci i prosveti". Predsednik Programskog odbora Milan

Marti

Smashing Mobile Web

Development

Smashing CoffeeScript

Responsive Web Design:

Solutions For Responsive

Images

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The Truth About HTML5
Responsive Design
The CSS3 Anthology
HTML email has the reputation
of being a particularly tough
design medium. Buggy email
clients stripping out your CSS

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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 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
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Email Newsletters Tell Us
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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

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Design Issue • How To Use
Email To Alienate Your Users
• Email Marketing For Mobile
App Creators • How To Create
A Self-Paced Email Course
Slow loading times break the
user experience of any website

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— 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 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

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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 -

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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

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Pinterest Paint Performance Case Study

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

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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.

This eBook, Responsive Design, gives an overview about responsive Web design, showing many situations and techniques in which this approach can be applied to.

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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.

The Modern Web

A Developer's Guide to the
Future of Web Design

Practical Considerations For
Designing With Animation

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Practical JavaScript Techniques
The Smashing Book #4
Redesign the Web, The
Extension
Best practices for flexible
design that meet common
challenges The web is

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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

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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.

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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

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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

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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

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processes laid out in this roadmap, you'll be able to boost your stability and flexibility while coding with confidence.

No matter what direction you take when you begin a Web

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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

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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.

This book constitutes the

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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

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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

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prevention, policy verification and enforcement, and secure system and software development.

A detailed and approachable tour around this essential language. Make your way

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through plenty of practical examples, as you pick up syntax rules, the fundamentals of scripting, and how to handle data types and loops

Performance Optimization:

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Techniques And Strategies
Beginning HTML5 and CSS3
Professional Techniques for
Modern Layout
Taming CSS Complexity
JavaScript Programming
Smashing WebKit

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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

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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

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

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Jacobs 2) Rethinking
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Content So It Works for You
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Vitaly Friedman
jQuery is well known for
being a concise JavaScript

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library that helps simplify HTML document traversing, event handling, creating animations and Ajax interactions for rapid Web development. Choosing the right plugins, creating

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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

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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

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optimize your forthcoming
jQuery projects. TABLE OF
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jQuery - jQuery Plugin
Checklist: Should You Use
That jQuery Plug In? -
Essential jQuery Plugin
Patterns

The book is an easy-to-follow
guide with clear instructions

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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

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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

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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.

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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

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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

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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,

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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

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responsive Web design.
Finally, you will also dive
deep into emotional design,
content strategy and
storytelling. TABLE OF
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Selecting a Platform:
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jQuery - Techniques for
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or Native? - Workflow
Redesigned: A Future
Friendly Approach -
Becoming Fabulously
Flexible: Designing Atoms
and Elements This Book was
written by Elliot Jay Stocks,

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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

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Smashing Editorial Team.
Multi-Device Web
Development with HTML5,
CSS3, and JavaScript
The Web In Motion
Responsive Web Design with
HTML5 and CSS3

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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

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CoffeeScript language, syntax, and processes, and will soon have you producing concise and quality code. Ultimately, 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,

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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,

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blend some better JavaScript with CoffeeScript and Smashing CoffeeScript.

This book is an exploration of popular advanced JavaScript concepts for those who already have a grasp on the basics.

"Understanding Advanced JavaScript" is a comprehensive manual and how-to guide about all things JavaScript. Learn to design better APIs, use the latest tools and navigate the JavaScript MVC Jungle

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effortlessly. In this eBook, you will receive expert tips and techniques on avoiding coding tripwires and improving your programming methodologies. Need to know how your JavaScript performs? Find out

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about unit testing and user- and network-related analyses. Master JavaScript with industry leaders who explain how to make fine-tuning, streamlining and testing your JavaScript code easy. TABLE OF

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Responding To The User -
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JavaScript APIs
Developers, here's what you

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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 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

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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.