

Adobe Dreamweaver CS5.5: Designing and Developing for Mobile with jQuery, HTML5 and CSS3

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The purpose of this review is to give readers an overview of the book entitled “Adobe Dreamweaver CS5.5: Designing and Developing for Mobile with jQuery, HTML5 and CSS3.”

I have been reading David Powers books for years and he is one author that I trust with communicating knowledge in a plain down-to-earth approach.

David is always ahead of the curve when you want to learn new technologies. This book is one of the first books that is being published regarding Adobe CS5.5. While at first glance you may think that the size of the book is limited to the amount of information that can be covered. However, many books are more “fluff than stuff.” Not so with this book, every page is packed with useful information that can propel you ahead of your competition on new and emerging technologies (i.e., jQuery Mobile, HTML5, CSS3, PhoneGap, etc.).

The book is divided into three sections. The first section gives a summary of HTML5 and CSS3 with techniques on how to make them compatible with their older counter-parts (XHTML and CSS2).

The second section highlights the difference between graceful degradation and progressive enhancement. While many designers and developers use these terms interchangeably, there is a subtle difference between the two. Graceful degradation is based on the premise that if a feature is not supported by a particular browser, a fallback solution will prevent the design from failing completely. With Progressive Enhancement; however, a website is designed to work on all current browsers from the outset and additional “enhancements” are “progressively” added based on browser capabilities or when a user upgrades to a newer browser. New enhancements to media queries are also discussed. Media queries allow designers to style a page based on the type of media a viewer is currently using, typically, a computer, a tablet or a smartphone. A brief discussion of how to make a web site available offline is also included in this section.

The third section, which is my favorite, expounds on how to use jQuery Mobile (a JavaScript/CSS framework) to create an application for mobile devices and how to use PhoneGap to convert it to a native mobile application for Android or Apple devices. Users are now able to create simple apps with Dreamweaver without having to know how to code in applications like Flash, Flash Builder, Java, etc.

Best regards,
Cornelius Chopin

Designing and Developing for Mobile with jQuery, HTML5 and CSS3 Studio Techniques by David Powers is a book that explains how to create websites to be compatible among older and newer browsers, phones and tablet devices. This book is broken into three sections. The first section explains HTML5 and CSS3. Section two goes into compatibility issues between browsers, supported elements and goes into work-arounds to make the site work in all. The third section goes into jQuery Mobile (a JavaScript/CSS framework) for converting websites into native mobile applications. This book is aimed at using Dreamweaver to do the heavy lifting to create these assets so that the user doesn't need to know the technical coding. Dreamweaver CS5.5 Mobile and Web Development with HTML5, CSS3, and jQuery. Copyright © 2011 Packt Publishing. All rights reserved. (Adobe Certified Expert.) with Dreamweaver and has many Brainbench certifications (HTML, XHTML, Dreamweaver, Flash, Web design, Photoshop, and so on). Most of his time is spent in teaching and developing web applications and dynamic forms. He is teaching at Eliquo, Canada's biggest Apple and Adobe authorized training center. He is responsible for everything that revolves around the Web at the Montreal office. You could see him if you take a course on Dreamweaver, Flash, ActionScript, Flex, ColdFusion, HTML5, CSS3, XML, JavaScript, jQuery, PHP, LiveCycle Designer, or accessibility and standards on the Web. Quickly design a web application that works on most mobile devices using the jQuery Mobile widget. For more information, see Creating web applications for mobile devices (CS5.5). Package web applications for Android, iPhone, and iPad. Dreamweaver supports code hinting for HTML5, CSS3, and jQuery. Starter layouts are also available for building HTML5 pages from scratch. Dreamweaver supports the HTML5 feature to embed videos in HTML pages. Dreamweaver CS5 integrates with Adobe BrowserLab, one of the new CS Live online services, which provides a fast and accurate solution for cross-browser compatibility testing. With BrowserLab you can preview web pages and local content using multiple viewing and comparison tools. See BrowserLab.