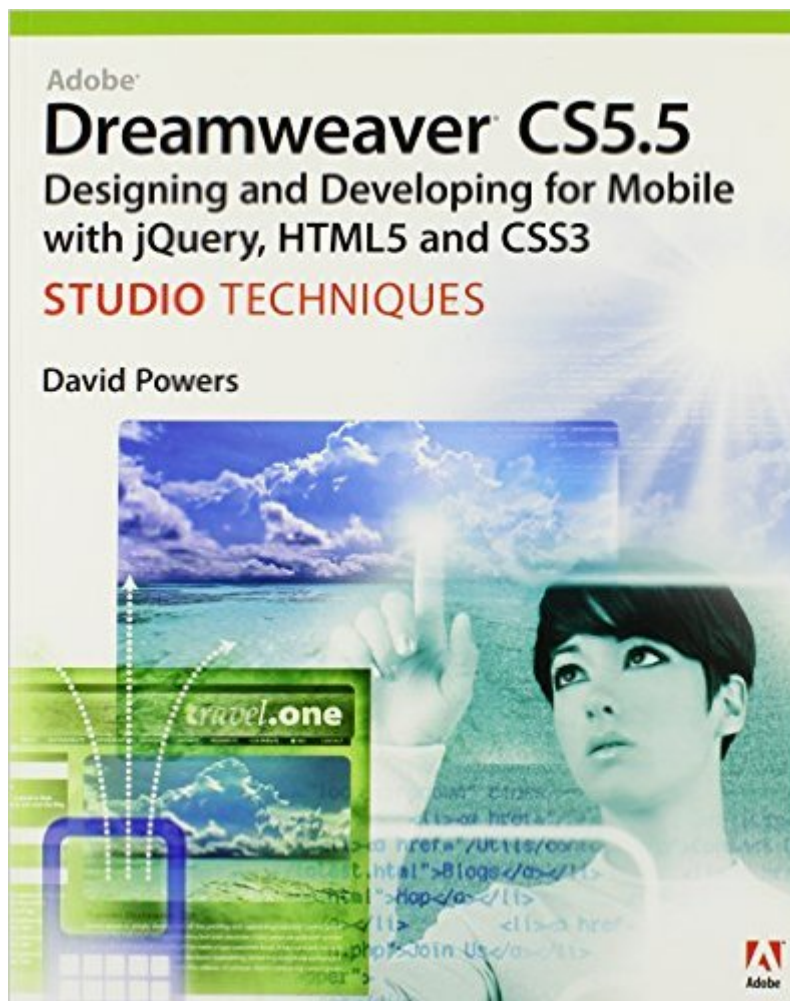


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Adobe Dreamweaver CS5.5 Studio Techniques: Designing And Developing For Mobile With JQuery, HTML5, And CSS3



Synopsis

It's widely predicted that mobile phones and tablets will overtake desktop PCs as the most common Web access devices within the next two or three years. Adobe is responding to this dramatic shift by focusing on new tools to develop websites for multiple platforms with HTML, CSS, and JavaScript in Dreamweaver CS5.5. In particular, Dreamweaver engineers have been working closely with the developers of jQuery, the de-facto standard JavaScript framework, to develop jQuery Mobile. This is a new JavaScript/CSS framework designed to create websites and applications that work consistently in all major mobile platforms, including iPhone, Android, BlackBerry, and Symbian (Nokia). This book explores in depth the integration of jQuery Mobile in Dreamweaver, together with other new features aimed at building websites that work across multiple devices. Using a series of practical examples, the book will show how to optimize an existing website for display in desktops, tablets, and mobile phones, using CSS media queries. Readers will also learn how to create a dedicated mobile site using jQuery Mobile. Although Dreamweaver will generate much of the necessary code automatically, the book will explain the structure of jQuery Mobile websites and web applications, so that developers can go beyond the basics to add custom functionality and design features. The book will also utilize the core jQuery framework, demonstrating how the new jQuery code hinting in Dreamweaver CS5.5 speeds up the development process for experienced developers and acts as a learning aid for those new to jQuery. Readers will learn how to convert a jQuery Mobile web application into a native app (that can be loaded on an iPhone or Android device) using PhoneGap, another open source framework.

Book Information

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Customer Reviews

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. This is a well explained book with great examples.

I am about 2/3 of the way through the book and overall it is very satisfying. There is also lots of good secondary info. I would have given it 5 stars, but it feels like there could have been better QC done. Several times it seemed I was not segued real well between topics. In the downloaded files, there were multiple cases when required files weren't carried forward or the example files weren't checked thoroughly. So, they don't run as expected or at all. To be fair, some of the latter could be because of changes in JQuery since publication. The above aside, it's a good book and worth the money spent.

Dreamweaver 5.5. 6 already has the tools at its disposal to make a decent phone application. Of course, the technology is based on jQuery and to some extent CSS. I would have to say this book is at the beginner and immediate level. There is quite a bit of coding needed here. When you click on new in Dreamweaver three choices of mobile phone design are given. These include jQuery Mobile (CDN), jQuery mobile (local) and JQUERY Mobile (Phone Gap). You basically follow the templates here and create a simple mobile phone interface. I have just reviewed the easiest part of the book. Creating a Native app with Phone Gap is far more intensive. On top of that you will need to install Android SDK, which can be confusing for a beginner. It seems Dreamweaver has finally woken up to the realization that much HTML and CSS are going to be finding their way onto mobile devices. To my knowledge Dreamweaver is the only web editor that has this

capability. However, I would have liked a CD-ROM to go along with the book. It would be nice to play around with the book's samples and try to create your own mobile app. I find messing around with code can get the creative juices flowing. This is an excellent book since no other publications that covers both Dreamweaver and phone app design to my knowledge. Until another such book arrives this is the layman's standard for mobile web content. Andrew Kear

I bought DW thinking I would use it to redo my website. I ended up just coding it with an HTML editor. Having spent the money, I figured I would try and learn this program so when ahead and bought this book. I am still trying to find time to get to work on this.

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