Scriptin' With JavaScript And Ajax: A Designer's Guide (Voices That Matter)

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Synopsis

JavaScript is the brains of your Web page—it enables you to modify a document’s structure, styling, and content in response to user actions without requesting new pages from the server. Scriptin’ with JavaScript and Ajax teaches you how to master this powerful and elegant language so you can develop intuitive user interactions that take the user experience to new levels of sophistication and responsiveness. Today’s application-like Web experiences (such as Salesforce.com and Google Maps) and Web 2.0 sites (such as Flickr.com and Twitter) are powered by JavaScript and Ajax. Using the techniques shown in this book, you will be able to start creating similar experiences in the sites you design. Scriptin’ with JavaScript and Ajax will teach you how to:

- Start developing with JavaScript fast!
- Write lightweight but powerful object-oriented code
- Modify the Document Object Model
- “Progressively enhance” your pages with JavaScript to provide the highest levels of accessibility to all users
- Learn sophisticated techniques for making your pages respond to user actions
- Use the downloadable Scriptin’ library of helper functions to speed development and ensure cross-browser compatibility
- Use Ajax scripting techniques to update specific areas of the page with data from the server
- Create powerful interface interactions, such as sliding panels and tree menus
- Evaluate frameworks such as jQuery and Prototype to find the best one for your needs
- Build an online application that looks and responds like a regular desktop application
- Easily adapt the Scriptin’ code examples for use in your own projects

“download them at www.scriptinwithajax.com

Book Information

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Customer Reviews

Scriptin' with JavaScript and Ajax is written by Charles Wyke-Smith who is also the author of Stylin' with CSS which is one of the best CSS books I've read. This is a great book for new and seasoned web designers alike. He does a great job of explaining the basic programming fundamentals of JavaScript so that even a newbie can grasp the concepts of JavaScript and similar programming languages. There are only seven well thought out chapters that present the concepts of JavaScript in easily digestible chunks with a logical flow. You will learn about the rise of JavaScript, the basics, objects and the DOM, events, Ajax, and the major JavaScript frameworks that make the language fun and easy to learn. Before you are through, Charles presents instructions for creating two simple JS powered web applications. Charles discusses JavaScript's rise to popularity on the web and the fact that it's the only programming language that runs in the browser. He covers accessibility and progressive enhancement, discussing building websites in three layers. The first layer, the plain HTML with the server technology such as PHP. The second layer, making it look good with CSS styles in an external stylesheet. Finally the third layer, enhancing the experience with JavaScript and using Ajax to make sites that can retrieve data from the server without refreshing the page. The basics of JavaScript programming are explained in a concise introduction discussing variables, strings, evaluations, booleans, and arrays. Arrays are further dissected with techniques to add, read, and sort elements in an array. He also discusses associative arrays. I have read many programming books and taken classes and his explanations of programming basics were a great refresher and helped cement the concepts.

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