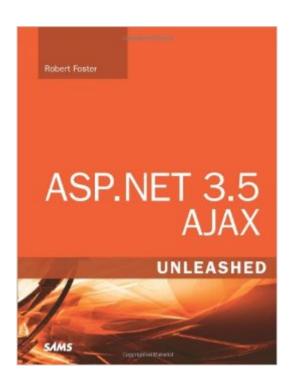
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ASP.NET 3.5 AJAX Unleashed





Synopsis

As the Internet user experience (UX) progresses, more users are demanding and expecting their custom-built business applications to provide the same UX that they see on the Internet every day. ASP.NET 3.5 AJAX Unleashed empowers ASP.NET developers to easily provide this type of experience with minimal code. Author Rob Foster has built AJAX-enabled web applications for a number of major corporations and uses the experience he has gained there to explain concisely, clearly, and completely what ASP.NET developers need to learn to start taking advantage of the rich opportunities made possible by ASP.NET AJAX. A Learn ASP.NET AJAX by working with real-world examples Use the ScriptManager and ScriptManagerProxy controls in your ASP.NET AJAX-enabled applications Leverage the ASP.NET AJAX client-side API to maximize the flexibility of ASP.NET AJAX Build applications that use the UpdatePanel and Timer controls Use the ASP.NET AJAX Control Toolkit to provide rich AJAX functionality to your web applications Build ASP.NET AJAX-enabled extender controls Integrate ASP.NET AJAX and .NET 3.5 with Microsoft Office SharePoint Server 2007 Create ASP.NET AJAX-enabled Windows Vista Gadgets Learn advanced AJAX concepts such as JavaScript Object Notation (JSON) and WCF Web services Introduction Â Â 1 Part I Introduction Chapter 1 Introduction to AJAX Technologies Â Â 5 AJAX and Web 2.0 6 Why Use AJAX? Â 7 AJAX Rationale Â Â 7 AJAX: An Example Â Â 8 The XMLHttpRequest Object Â Â 8 A Simple AJAX Library Â Â 10 Using the AJAX Library Â Â 14 Summary Â Â 20 Chapter 2 Introduction to ASP.NET AJAX 21 Introducing the Visual Studio Controls Â Â 22 ScriptManager Â Â 22 ScriptManagerProxy Â Â 23 Timer Â Â 23 UpdatePanel Â Â 23 UpdateProgress Â Â 23 Introducing the Visual Studio Projects and Web Site Items Â Â 24 Projects Â Â 24 Web Site Items Â Â 25 Introducing the AJAX Control Toolkit Â Â 26 Summary Â Â 27 Part II Working with ASP.NET 3.5 AJAX Chapter 3 The ScriptManager and ScriptManagerProxy Controls Â Â 31 About the ScriptManager Control. Â 31 ScriptManager Properties, Methods, and Events Â Â 34 JavaScript Proxy Classes for Web Services Â Â 37 Partial-Page Rendering Â Â 43 Summary Â Â 47 Chapter 4 The ASP.NET AJAX Client API Â Â 49 The Namespaces Â Â 49 Global Â Â 49 Sys Â Â 52 Sys.Net Â 53 Sys.Serialization Â Â 54 Sys.Services Â Â 62 Sys.UI Â Â 66 Sys.WebForms Â Â 68 Summary Â Â 71 Chapter 5 The UpdatePanel and Timer Controls Â Â 73 About the UpdatePanel Control Â Â 73 Using the UpdatePanel Control Â Â 74 Advanced Features of the UpdatePanel Control Â Â 78

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Book Information

Paperback: 264 pages

Publisher: Sams Publishing; 1 edition (December 14, 2008)

Language: English

ISBN-10: 0672329735

ISBN-13: 978-0672329739

Product Dimensions: 7 x 0.7 x 9.1 inches

Shipping Weight: 1 pounds

Average Customer Review: 3.9 out of 5 stars Â See all reviews (8 customer reviews)

Best Sellers Rank: #3,170,497 in Books (See Top 100 in Books) #113 in Books > Computers &

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Customer Reviews

I read this because the ASP.NET 3.5 MCTS Training Kit will not be released until April, and I want to take the test before then. I found the examples to be rather difficult to repeat, as information was often left out that would be necessary to get them to work properly.

I admittedly haven't spent a ton of time with AJAX. Rob does a great job of introducing AJAX to someone who doesn't have a lot of experience with it in a very easy to consume way. Using this resource I was able to quickly AJAX-ify one of my SharePoint Web Parts in under 30m that contained a lot of complexity. This is a fantastic learning tool and ongoing resource!

This book is a great material for someone who is trying to learn about AJAX using Microsoft libraries. It also has a nice coverage of client-side Sys libraries and it can really help you understand Ajax technology in a better way.

I didn't fully understand Ajax until I read this book. This book helped me to fully understand the concepts and now my project is well under way! Thank Rob!

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