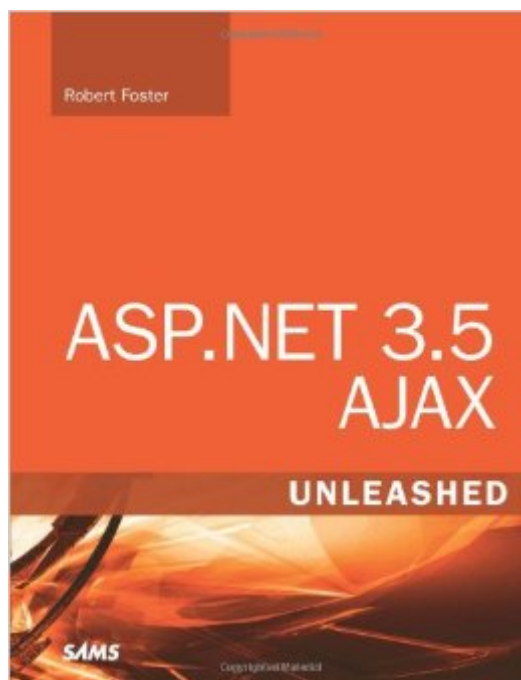


The book was found

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.

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

1 Part I Introduction Chapter 1 Introduction to AJAX Technologies

5 AJAX and Web 2.0

6 Why Use AJAX?

7 AJAX Rationale

7 AJAX: An Example

8 The XMLHttpRequest Object

8 A Simple AJAX Library

10 Using the AJAX Library

14 Summary

20 Chapter 2 Introduction to ASP.NET AJAX

21 Introducing the Visual Studio Controls

22 ScriptManager

22 ScriptManagerProxy

23 Timer

23 UpdatePanel

23 UpdateProgress

23 Introducing the Visual Studio Projects and Web Site Items

24 Projects

24 Web Site Items

25 Introducing the AJAX Control Toolkit

26 Summary

27 Part II Working with ASP.NET 3.5 AJAX Chapter 3 The ScriptManager and ScriptManagerProxy Controls

31 About the ScriptManager Control

31 ScriptManager Properties, Methods, and Events

34 JavaScript Proxy Classes for Web Services

37 Partial-Page Rendering

43 Summary

47 Chapter 4 The ASP.NET AJAX Client API

49 The Namespaces

49 Global

49 Sys

52 Sys.Net

53 Sys.Serialization

54 Sys.Services

62 Sys.UI

66 Sys.WebForms

68 Summary

71 Chapter 5 The UpdatePanel and Timer Controls

73 About the UpdatePanel Control

73 Using the UpdatePanel Control

74 Advanced Features of the UpdatePanel Control

78

Â TriggersÂ Â Â Â 78 Â Multiple UpdatePanel Controls on a Single PageÂ Â Â Â 81 Â The Timer ControlÂ Â Â Â 89 Â Using the Timer Control with Partial-Page RenderingÂ Â Â Â 90
Â SummaryÂ Â Â Â 92 Â Chapter 6 Advanced Techniques with the ASP.NET AJAX
PageRequestManager ObjectÂ Â Â Â 93 Â Using the PageRequestManager ObjectÂ Â Â Â 93
Â A Practical Example of the PageRequestManager ObjectÂ Â Â Â 95 Â SummaryÂ Â Â Â 100 Â
Chapter 7 Using the ASP.NET AJAX Control ToolkitÂ Â Â Â 101 Â ASP.NET AJAX Control Toolkit:
The ControlsÂ Â Â Â 102 Â Using Controls in the ASP.NET AJAX Control ToolkitÂ Â Â Â 105
Â Configuring Visual Studio to Use the ToolkitÂ Â Â Â 105 Â The Accordion and AccordionPane
ControlsÂ Â Â Â 106 Â The CalendarExtender ControlÂ Â Â Â 110 Â The
CollapsiblePanelExtender ControlÂ Â Â Â 112 Â The ConfirmButtonExtender ControlÂ Â Â Â 118
Â The DragPanelExtender ControlÂ Â Â Â 120 Â The DropDownExtender ControlÂ Â Â Â 122
Â The FilteredTextBoxExtender ControlÂ Â Â Â 125 Â The HoverMenuExtender ControlÂ Â Â Â
127 Â The TextBoxWatermarkExtender ControlÂ Â Â Â 130 Â ASP.NET AJAX Control Toolkit: A
Practical ExampleÂ Â Â Â 134 Â Using the ASP.NET AJAX Control Toolkit with Microsoft
Expression WebÂ Â Â Â 145 Â Configuring Expression Web for the ASP.NET AJAX Â Control
ToolkitÂ Â Â Â 145 Â Summary Â Â Â Â Â 150 Â Chapter 8 Building an ASP.NET AJAX Extender
ControlÂ Â Â Â 151 Â Add ASP.NET ControlsÂ Â Â Â 151 Â How to Build an Extender
ControlÂ Â Â Â 154 Â Server-Side CodeÂ Â Â Â 156 Â Client-Side CodeÂ Â Â Â 159
Â SummaryÂ Â Â Â 163 Â Chapter 9 ASP.NET AJAX and SharePoint 2007 Â Â Â Â 165
Â SharePoint and AJAXÂ Â Â Â 165 Â Modifying Web.ConfigÂ Â Â Â 166 Â Developing an
AJAX-Based SharePoint Web PartÂ Â Â Â 171 Â SummaryÂ Â Â Â 177 Â Chapter 10 Creating
ASP.NET AJAX-Enabled Vista Sidebar GadgetsÂ Â Â Â 179 Â Vista Sidebar GadgetsÂ Â Â Â 179
Â Creating the GadgetÂ Â Â Â 181 Â Create the Web ServiceÂ Â Â Â 181 Â Generate the
JavaScript ProxyÂ Â Â Â 183 Â Create the Vista GadgetÂ Â Â Â 186 Â Test the GadgetÂ Â Â Â
187 Â SummaryÂ Â Â Â 188 Â Part III Appendices Appendix A Microsoft Expression Web 191
Â An Introduction to the Expression Web InterfaceÂ Â Â Â 191 Â Creating Web Pages and Web
SitesÂ Â Â Â 191 Â Customizable InterfaceÂ Â Â Â 194 Â Creating Standards-Based Web
SitesÂ Â Â Â &nb...

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 Â See all reviewsÂ (8 customer reviews)

Best Sellers Rank: #3,170,497 in Books (See Top 100 in Books) #113 inÂ Books > Computers & Technology > Programming > Languages & Tools > Ajax #282 inÂ Books > Computers & Technology > Programming > Web Programming > ASP.NET #2108 inÂ Books > Computers & Technology > Programming > Microsoft Programming > C & C++ Windows Programming

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!

[Download to continue reading...](#)

ASP.NET: Programming success in a day: Beginners guide to fast, easy and efficient learning of ASP.NET programming (ASP.NET, ASP.NET Programming, ASP.NET ... ADA, Web Programming, Programming) Programming ASP.NET AJAX: Build rich, Web 2.0-style UI with ASP.NET AJAX Pro ASP.NET Web API Security: Securing ASP.NET Web API (Expert's Voice in .NET) ASP.NET 3.5 AJAX Unleashed VBScript: Programming Success in a Day: Beginner's Guide to Fast, Easy and Efficient Learning of VBScript Programming (VBScript, ADA, ASP.NET, C#, ADA ... ASP.NET

Programming, Programming, C++, C) ASP.NET: Programming Success in a Day: Beginners Guide to Fast, Easy and Efficient Learning of ASP.NET Programming Pro ASP.NET MVC 5 (Expert's Voice in ASP.Net) ASP.NET MVC 5: Learn ASP.net MTV 5 Programming FAST and EASY! (From Zero to Professional Book 1) Learn ASP.NET MVC: Be ready for coding away next week using ASP.NET MVC 5 and Visual Studio 2015 Beginning Web Development, Silverlight, and ASP.NET AJAX: From Novice to Professional (Expert's Voice in .NET) Advanced ASP.NET AJAX Server Controls For .NET Framework 3.5 Microsoft ASP.NET and AJAX: Architecting Web Applications (Developer Reference) ASP.NET AJAX in Action Professional ASP.NET 3.5 AJAX Programming ASP.NET AJAX ASP.NET 3.5 AJAX Pocket Guide Introducing Microsoft® ASP.NET AJAX (Pro - Developer) Beginning ASP.NET 4.5 in C# (Experts Voice in .Net) Diving into ASP.NET WebAPI: Learn REST services in .Net : A Practical Approach System Center 2012 R2 Configuration Manager Unleashed: Supplement to System Center 2012 Configuration Manager (SCCM) Unleashed

[Dmca](#)