

**MCAD/MCSD Developing XML Web Services and Server Components with Visual C#.NET and the  
.NET Framework Training Guide**

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**First Printing Corrections**

Pg	Error	Correction
45	<p><b>Replace NOTE</b></p>	<p><b>The Northwind Sample Database</b> Whenever I've used data from a database in this book, I've used the <b>Northwind</b> sample database that comes as part of SQL Server 2000. If you don't have SQL Server, you can use Microsoft Data Engine (MSDE) that installs as a part of the Microsoft .NET Framework SDK QuickStarts, Tutorials, and Samples installation. Microsoft .NET SDK installs as a part of Visual Studio .NET. If you use MSDE, you'll need to change the name of the database server in this book's examples from (local) to (local)\NetSDK.</p>
79	<p><b>Exercise 1.1, Step 8</b>, the following two lines are not needed and may be removed from the code.</p> <pre>cnn.Open(); cnn.Close();</pre>	
81	<p><b>Exercise 1.2, Step 7, last sentence</b></p> <p>This creates a <del><i>SqlDataAdapter</i></del> object and a <i>SqlCommand</i> object.</p>	<p><b>Exercise 1.2, Step 7, last sentence</b></p> <p>This creates a <i>SqlConnection</i> object and a <i>SqlCommand</i> object.</p>

81	<p><b>Exercise 1.2, Step 9</b>, the following two lines are not needed and may be removed from the code.</p> <pre>sqlConnection1.Open(); sqlConnection1.Close();</pre>	
106	<p><b>Step By Step 2.3, Step 4</b>, remove the following line of code from the <code>btnReadXML_Click()</code> method:</p> <pre>StringBuilder sbNode = new StringBuilder();</pre>	
113	<p><b>Step By Step 2.5, Step 5</b></p> <p>Click the <del>Create</del> DataSet hyperlink beneath the Properties Window.</p>	<p><b>Step By Step 2.5, Step 5</b></p> <p>Click the <b>Generate</b> DataSet hyperlink beneath the Properties Window.</p>
117	<p><b>Step By Step 2.6, Step 5</b></p> <p>Switch to the code view of the for <del>StepByStep2_5.cs</del> and add the following <code>using</code> directives:</p>	<p><b>Step By Step 2.6, Step 5</b></p> <p>Switch to the code view of the for <b>StepByStep2_6.cs</b> and add the following <code>using</code> directives:</p>
170	<p><b>Apply Your Knowledge section</b></p> <p>D. /Customers/<del>Customer</del>[Orders/Order/OrderDate="1/3/2003"]/CustomerName</p>	<p><b>Apply Your Knowledge section</b></p> <p>D. /Customers[Orders/Order/OrderDate="1/3/2003"]/CustomerName</p>
225	<p><b>Additional Note</b></p> <p><b>Visual Studio .NET Projects and Application Configuration File</b> You should write the application configuration settings for Visual Studio .NET Windows application and Console application projects in a file named <code>App.config</code> in the project's folder. When you build the</p>	

	<p>project, Visual Studio .NET copies the <b>App.config</b> file to the output folder and rename it to <i>OutputFileName.config</i>. For example, if the name of the output file for the project is <b>StepByStep3_7.exe</b>, then the name of the configuration file will be <b>StepByStep3_7.exe.config</b>. For a Web application project, the configuration settings are written directly to the <b>Web.config</b> file.</p>	
227	<p><b>3.</b> In the Solution Explorer, right-click project <b>StepByStep3_7</b> and select Add, Add New Item from the context menu. Add an item named <del><b>StepByStep3_7.exe.config</b></del> based on the <del>XML</del> file template.</p>	<p><b>3.</b> In the Solution Explorer, right-click project <b>StepByStep3_7</b> and select Add, Add New Item from the context menu. Add an item named <b>App.config</b> based on the <b>Application configuration</b> file template.</p>
227	<p><b>delete step 5</b></p>	
230	<p><b>3.</b> In the Solution Explorer, right-click project <b>StepByStep3_8</b> and select Add, Add New Item from the context menu. Add an item named <del><b>StepByStep3_8.exe.config</b></del> based on the <del>XML</del> file template.</p>	<p><b>3.</b> In the Solution Explorer, right-click project <b>StepByStep3_8</b> and select Add, Add New Item from the context menu. Add an item named <b>App.config</b> based on the <b>Application configuration</b> file template.</p>
230	<p><b>4.</b> Open the <del><b>StepByStep3_8.exe.config</b></del> file and modify it to contain the following code:</p>	<p><b>4.</b> Modify the <b>App.config</b> file to contain the following code:</p>
230	<p><b>delete step 5</b></p>	
233	<p><b>3.</b> In the Solution Explorer, right-click project <b>GuidedPracticeExercises3_2_Server</b> and select Add, Add New Item from the context menu. Add an item named <del><b>GuidedPracticeExercises3_2_Server.exe.config</b></del> based on the <del>XML</del> file template.</p>	<p><b>3.</b> In the Solution Explorer, right-click project <b>GuidedPracticeExercises3_2_Server</b> and select Add, Add New Item from the context menu. Add an item named <b>App.config</b> based on the <b>configuration</b> file template.</p>

233	<p>4. Open the <del>GuidedPracticeExercises3_2_Server.exe.config</del> file and modify it to contain the following code:</p>	<p>4. Modify the <b>App.config</b> file to contain the following code:</p>
233	<p><b>delete step 5</b></p>	
234	<p>12. In the Solution Explorer, right-click project <del>GuidedPracticeExercises3_2_Client</del> and select Add, Add New Item from the context menu. Add an item named <del>GuidedPracticeExercises3_2_Client.exe.config</del> based on the <del>XML</del> file template.</p>	<p>12. In the Solution Explorer, right-click project <b>GuidedPracticeExercises3_2_Client</b> and select Add, Add New Item from the context menu. Add an item named <b>App.config</b> based on the <b>Application configuration</b> file template.</p>
234	<p>13. Open the <del>GuidedPracticeExercises3_2_Client.exe.config</del> file and modify it to contain the following code:</p>	<p>4. Modify the <b>App.config</b> file to contain the following code:</p>
235	<p><b>delete step 14</b></p>	
245	<p><b>1<sup>st</sup> paragraph, last sentence</b></p> <p>The <del>nowrappedproxy</del> (or <del>nwp</del>) switch instructs the Soapsuds tool to generate an unwrapped proxy.</p>	<p><b>1<sup>st</sup> paragraph, last sentence</b></p> <p>The <b>nowrappedproxy</b> (or <b>nowp</b>) switch instructs the Soapsuds tool to generate an unwrapped proxy.</p>
245	<p>Step By Step 3.13, insert the following step before Step 1:</p> <p>Add a new Visual C# .NET Windows Application project named StepByStep3_13 to the solution.</p>	
257	<p><b>Additional Note</b></p> <p><b>Database Access Permission</b> In order for the Step By Step 3.17 to work, the ASP.NET user account must have permission to access the SQL Server database.</p>	

259	<p><b>Replace code in Step 7</b></p>	<p><b>New code</b></p> <pre> {     // Register a Http client channel     HttpClientChannel channel = new HttpClientChan     ChannelServices.RegisterChannel(channel);      // Instantiate the remote class     dbc = (IDbConnect)         Activator.GetObject(typeof(IDbConnect),             @"http://localhost/StepByStep3_17/DbConne      // pass default credentials     // (user name, password, and domain) to the se     IDictionary props =         ChannelServices.GetChannelSinkProperties(c     props["credentials"] =         System.Net.CredentialCache.DefaultCredenti } </pre>
265	<p><b>4.</b> Navigate to the <del>StepByStep3_13</del> project and run the following command...</p>	<p><b>4.</b> Navigate to the <b>StepByStep3_19</b> project and run the following command...</p>
271	<p><b>Replace step 7 and delete text following step 8. Code becomes part of step 7.</b></p>	<p><b>New text</b></p> <p><b>7.</b> Add an Application configuration file (App.config) to the project and modify it to contain the following code:</p>
272	<p><b>Delete step 9.</b></p>	
308	<p><b>Step 4.</b></p> <p><b>4.</b> In another Visual Studio .NET project, right-click the References node in <del>Server</del> Explorer and select Add Web Reference.</p>	<p><b>Step 4.</b></p> <p><b>4.</b> In another Visual Studio .NET project, right-click the References node in <b>Solution</b> Explorer and select Add Web Reference.</p>

370	<p><b>Code following second paragraph.</b></p> <pre>[XmlElement(Name="ElementName", Form=XmlSchemaForm.Qualified)]]</pre>	<p><b>Code following second paragraph.</b></p> <pre>[XmlElement(ElementName="Name", Form=XmlSchemaForm.Qualified)]]</pre>
383	<p><b>Question 12, last sentence.</b></p> <p>For more information, see <del>the section "Controlling XML Wire Format" in this chapter.</del></p>	<p><b>Question 12, last sentence.</b></p> <p>For more information, <b>see the Exercise 5.1 in the Apply Your Knowledge section of this chapter.</b></p>
414	<p><b>Guided Practice Exercise 6.1, Step 4.</b> Change the following line of code:</p> <pre>using System.Runtime.Remoting.Channels.Http;</pre> <p>with this line of code:</p> <pre>using System.Runtime.Remoting.Channels.Tcp;</pre>	
429	<p><b>Exercise 6.1, Step 12, command line.</b></p> <pre>installutil.exe StepByStep6_1.exe</pre>	<p><b>Exercise 6.1, Step 12, command line.</b></p> <pre>installutil.exe Exercise6_1.exe</pre>
478	<p><b>Step By Step 7.5, Step 10, fifth sentence.</b></p> <p>Select the Methods node in the left pane and then select View, <del>Property View</del> from the menu.</p>	<p><b>Step By Step 7.5, Step 10, fifth sentence.</b></p> <p>Select the Methods node in the left pane and then select View, <b>Detail</b> from the menu.</p>
546	<p><b>Step By Step 7.20, Step 4.</b> Add the following using directive to the code.</p> <pre>using System.Runtime.InteropServices;</pre>	
552	<p><b>Exercise 7.1, Step 16.</b></p> <p><b>16.</b> Build the project. This step creates a remoting server that is capable of registering the</p>	<p><b>Exercise 7.1, Step 16.</b></p> <p><b>16.</b> Build the project. This step creates a remoting server that is capable of registering</p>

	<p>Exercise7_1SC.NorthwindSC serviced component for remote invocation in the <del>SingleCall</del> activation mode.</p> <p>In Exercise 7.1, Step 17, rename <i>Form1</i> to <i>NorthwindSCClient</i></p>	<p>the Exercise7_1SC.NorthwindSC serviced component for remote invocation in the <b>Singleton</b> activation mode.</p>
552	<p><b>Exercise 7.1, Step 16.</b></p> <p>17. Add a new Visual C# .NET Windows application named <b>Exercise7_1Client</b> to the solution.</p>	<p><b>Exercise 7.1, Step 16.</b></p> <p>17. Add a new Visual C# .NET Windows application project (<b>Exercise7_1Client</b>) to the solution. Rename the default form <b>Form1.cs</b> to <b>NorthwindSCClient.cs</b>.</p>
603	<p><b>Third paragraph, third sentence.</b></p> <p>On the other hand, when you compile a program by using the <del>Trace</del> configuration, it does not include any calls to the <b>Debug</b> class.</p>	<p><b>Third paragraph, third sentence.</b></p> <p>On the other hand, when you compile a program by using the Release configuration, it does not include any calls to the <b>Debug</b> class.</p>
610	<p><b>Note, last sentence.</b></p> <p>For other operating systems, you can send email messages by manually establishing Simple Mail Transfer Protocol (SMTP) connections through the <del>System.Net.TcpClient</del> class or by using an SMTP component, which you might be able to get from a component vendor for free.</p>	<p><b>Note, last sentence.</b></p> <p>For other operating systems, you can send email messages by manually establishing Simple Mail Transfer Protocol (SMTP) connections through the <b>System.Net.Sockets.TcpClient</b> class or by using an SMTP component, which you might be able to get from a component vendor for free.</p>
614	<p><b>Replace step 5.</b></p> <p><del>5. Add an XML file named <b>StepByStep9_3.exe.config</b> to the current project. In the XML editor, type the following configuration data in the XML file.</del></p>	<p><b>Step 5.</b></p> <p>5. Add an Application configuration file (<b>App.config</b>) to the project and modify it to contain the following code:</p>



615	Delete step 6.																					
649	Step 6, add text after second sentence.	<p>Step 6, add text after second sentence.</p> <p>6. Select Tools, Debug Processes. The Processes dialog box appears. <b>Check the Show System Services checkbox.</b></p>																				
659	Step By Step 9.11, Step 7. In the code for the btnRemoveSource_Click() method, change "StepByStep9_11" to "StepByStep9_11_".																					
669	Delete step 9.																					
669	<p>Replace step 10.</p> <p><del>In the XML editor, type the following configuration data in the XML file:</del></p>	<p>Replace step 10.</p> <p>Add an Application configuration file (App.config) to the project and modify it to contain the following code:</p>																				
673	<p>Question 2, Answer D, fourth line of code (misspelling).</p> <p>New TextFileTraceListeser ("RemObject.log");</p>	<p>Question 2, Answer D, fourth line of code (misspelling).</p> <p>New TextFileTrace<b>Listener</b> ("RemObject.log");</p>																				
841	Apply Your Knowledge step 4 table formatting error.	<p>Apply Your Knowledge step 4 corrected table.</p> <table border="1"> <thead> <tr> <th>Level</th> <th>Code Group</th> <th>Permission Set</th> <th>Exclusive</th> </tr> </thead> <tbody> <tr> <td>Enterprise</td> <td>All Code</td> <td>Everything</td> <td>No</td> </tr> <tr> <td>Enterprise</td> <td>Company Code</td> <td>LocalIntranet</td> <td>No</td> </tr> <tr> <td>Enterprise</td> <td>Restricted Code</td> <td>Internet</td> <td>No</td> </tr> <tr> <td>Enterprise</td> <td>Restricted Components</td> <td>Nothing</td> <td>No</td> </tr> </tbody> </table>	Level	Code Group	Permission Set	Exclusive	Enterprise	All Code	Everything	No	Enterprise	Company Code	LocalIntranet	No	Enterprise	Restricted Code	Internet	No	Enterprise	Restricted Components	Nothing	No
Level	Code Group	Permission Set	Exclusive																			
Enterprise	All Code	Everything	No																			
Enterprise	Company Code	LocalIntranet	No																			
Enterprise	Restricted Code	Internet	No																			
Enterprise	Restricted Components	Nothing	No																			

844	<p><b>Answers to Exam Questions, step 6. Delete second sentence.</b></p>	
960	<p><b>Replace text in first paragraph.</b></p> <p>You may also count as elective one of the four core exams 70-305, 70-306, 70-315, and 70-316. <del>The one you can count as an elective is the exam from the opposite technology and language from the exam that you count as a core exam. For example, if you take the exam "Developing and Implementing Windows-based Applications With Visual C# .NET and Visual Studio .NET" (Exam 70-316) as a core exam, you can take the exam "Developing and Implementing Web Applications with Microsoft Visual Basic .NET and Visual Studio .NET" (Exam 70-315) or the "Developing and Implementing Web Applications With Visual Basic .NET and Microsoft Visual Studio .NET" (Exam 70-305) as an elective.</del></p>	<p><b>Replace text in first paragraph.</b></p> <p>You may also count as elective one of the four core exams 70-305, 70-306, 70-315, and 70-316. <b>The elective exam must be from the opposite technology as the exam that you counted as core. For example, if you take the exam "Developing and Implementing Windows-based Applications with Visual C# .NET and Visual Studio .NET" (Exam 70-316) as a core exam, you can take either the "Developing and Implementing Web Applications with Visual C# .NET and Visual Studio .NET" (Exam 70-315) or the "Developing and Implementing Web Applications with Visual Basic .NET and Visual Studio .NET" (Exam 70-305) as an elective.</b></p>