To ensure the ongoing accuracy of this book and its companion content, we’ve reviewed and confirmed the errors listed below. If you find a new error, we hope you’ll report it to us on our website: www.microsoftpressstore.com/contact-us/errata.

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<tr>
<td>4</td>
<td>Table 1-2, fourth row, Type column</td>
<td>Reads: System.DateTime (Date/date) Should read: System.DateTime (DateTime)</td>
<td>2/1/2011</td>
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<tr>
<td>27</td>
<td>Step 1</td>
<td>Reads: 1. Navigate to the \Chapter01Lesson1Exercise1Partial folder and open either the C# version or the Visual Basic .NET version of the ViewFile project. Should read: 1. Navigate to the \Chapter01Lesson2Exercise3Partial folder and open either the C# version or the Visual Basic .NET version of the ViewFile project.</td>
<td>2/1/2011</td>
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<tr>
<td>27</td>
<td>&quot;Exercise 3&quot; section, step 1</td>
<td>Reads: Navigate to the &lt;InstallHome&gt;\Chapter01\Lesson1\Exercise1\Partial folder... Should read: Navigate to the &lt;InstallHome&gt;\Chapter01\Lesson2\Exercise3\Partial folder...</td>
<td>2/1/2011</td>
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<tr>
<td>43</td>
<td>Last paragraph</td>
<td>Reads: Event receivers can handle these events but running a method, known as an event handler, when the event occurs. Should read: Event receivers can handle these events by running a method, known as an event handler, when the event occurs.</td>
<td>2/1/2011</td>
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| 48   | "Exercise 1" section, step 1 | Reads: Navigate to the \Chapter01Lesson1Exercise1Partial folder and open either the C# version or the Visual Basic version of the CreateStruct project.  

Should read: Navigate to the \Chapter01Lesson3Exercise1Partial folder and open either the C# version or the Visual Basic version of the CreateStruct project. | 2/1/2011 |
| 59   | "Lab: Safely Performing Conversions" section, second sentence | The following sentence should be removed: Navigate to the \Chapter01Lesson1Exercise1Partial folder. | 2/1/2011 |
| 80, 81 | "Reading and Writing Binary Files" section, first line of VB and C# code samples | Page 80, first line of the VB code reads:  

' Write ten integers  

Should read:  

' Write eleven integers  

Page 81, first line of the C# code reads:  

// Write ten integers  

Should read:  

// Write eleven integers | 2/1/2011 |
| 108  | Table 3-5, Definition column entries | First row reads:  

\number Backreference. For example, (\w)1 finds doubled characters.  

Should read:  

\number Backreference. For example, (w)1 finds doubled word characters.  

Second row reads:  

\k<name> Named backreference. For example, (?<char>\w)k<char> finds doubled words.  

Should read:  

\k<name> Named backreference. For example, (?<char>\w)k<char> finds doubled word characters. | 2/1/2011 |
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<tr>
<td>145</td>
<td>Second paragraph</td>
<td>Reads: While SortedList can take an object of any type as its value (but only strings as keys), the StringDictionary class (in the System.Collections.Specialized namespace) provides similar functionality, without the automatic sorting, and requires both the keys and the values to be strings. Should read: Although SortedList can take an object of any type as its value, the StringDictionary class (in the System.Collections.Specialized namespace) provides similar functionality, without the automatic sorting, and requires both the keys and the values to be strings.</td>
<td>2/1/2011</td>
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<tr>
<td>253</td>
<td>Second first level bulleted list item</td>
<td>Reads: Trimming Should read: Trimming</td>
<td>2/1/2011</td>
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<tr>
<td>288</td>
<td>Third paragraph, second sentence</td>
<td>Reads: ...class correctly... Should read: ...class directly...</td>
<td>2/1/2011</td>
</tr>
<tr>
<td>288</td>
<td>Third and fourth paragraphs</td>
<td>Third paragraph, last sentence reads: In C#, use the keyword lock to specify the object to monitor. In Visual Basic, use the keyword SyncLock. Should read: In C#, use the keyword lock to specify the object to monitor. In Visual Basic, use the keyword SyncLock. Fourth paragraph, first sentence reads: You can fix the console application in the previous section by using the Monitor class and the lock or SyncLock keywords. Should read: You can fix the console application in the previous section by using the Monitor class and the lock or SyncLock keywords.</td>
<td>2/1/2011</td>
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<tr>
<td>332</td>
<td>Last code block, first line</td>
<td>Reads: ...Internet... Should read: ...Intranet...</td>
<td>2/1/2011</td>
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<tr>
<td>333</td>
<td>First code block, second line</td>
<td>Reads: ...Internet... Should read: ...Intranet...</td>
<td>2/1/2011</td>
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<tr>
<td>384</td>
<td>Question 1</td>
<td>There is only one correct answer. The following sentence should be removed: (Choose all that apply.)</td>
<td>2/1/2011</td>
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</table>
| 480, 481 | Table 11-8 | Page 480: Fifth row reads: IsolatedStorageFile-Permission  
Should read: IsolatedStorageFilePermission  
Twelfth row reads: PerformanceCounter-Permission  
Should read: PerformanceCounterPermission  
Page 481: Sixth row reads: StrongNameIdentity-Permission  
Should read: StrongNameIdentityPermission | 2/1/2011 |
| 531  | Second bulleted list item, last sentence | Reads:  
...and User to restrict access to a specific username.  
Should read:  
...and Name to restrict access to a specific user name.                                                                                          | 2/1/2011       |
| 559  | "Exercise: Create a Folder..." section, first sentence | Reads:  
In this exercise, you will write an application that creates a folder named C:\Guest and grants the Guest user Read access to the folder.  
Should read:  
In this exercise, you will write an application that creates a folder named Guest and grants the Guest user Read access to the folder. | 2/1/2011       |
| 561  | Lesson Review, question 2 | Question 2 includes the answer in the question.  
The following line should be removed from the VB code: Directory.SetAccessControl(dir, ds)  
The following line should be removed from the C# code: Directory.SetAccessControl(dir, ds);                                                   | 2/1/2011       |
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<td>576</td>
<td>First two bulleted list items, first sentences of each</td>
<td>The first sentence of the KeySize section reads: Gets or sets the size in bits of the secret key used by the symmetric algorithm. Should read: Gets or sets the size in bits of the secret key used by the asymmetric algorithm. The first sentence of the LegalKeySized section reads: A KeySizes array that gets the key sizes that are supported by the symmetric algorithm. Should read: A KeySizes array that gets the key sizes that are supported by the asymmetric algorithm.</td>
<td>2/1/2011</td>
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<tr>
<td>580</td>
<td>Second bulleted list item, second sentence</td>
<td>Reads: When set to true, encryption and encryption use Optimal Asymmetric Encryption Padding (OAEP) data padding,... Should read: When set to true, encryption and decryption use Optimal Asymmetric Encryption Padding (OAEP) data padding,...</td>
<td>2/1/2011</td>
</tr>
<tr>
<td>637</td>
<td>First paragraph, last sentence</td>
<td>Reads: ...by clicking the Assembly Information button on the Assembly tab. Should read: ...by clicking the Assembly Information button on the Application tab.</td>
<td>2/1/2011</td>
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</table>
| 653  | Second code block | Reads: ' VB  
   Dim m As MailMessage = New MailMessage  
   (New MailAddress("lance@contoso.com", "Lance Tucker"),  
   New MailAddress("ben@contoso.com", "Ben Miller"))  

   // C#  
   MailMessage m = new MailMessage  
   (new MailAddress("lance@contoso.com", "Lance Tucker"),  
   new MailAddress("ben@contoso.com", "Ben Miller"));To:  

   Should read: ' VB  
   Dim m As MailMessage = New MailMessage  
   (New MailAddress("lance@contoso.com", "Lance Tucker",  
   System.Text.Encoding.UTF8),  
   New MailAddress("ben@contoso.com", "Ben Miller",  
   System.Text.Encoding.UTF8))  

   // C#  
   MailMessage m = new MailMessage  
   (new MailAddress("lance@contoso.com", "Lance Tucker",  
   System.Text.Encoding.UTF8),  
   new MailAddress("ben@contoso.com", "Ben Miller",  
   System.Text.Encoding.UTF8)); |
| 699  | Lesson Review,    | Reads:  
   B. CultureAndRegionBuilderInfo  

   Should read:  
   B. CultureAndRegionInfoBuilder |
| 709  | Question 2A       | Reads:  
   A. Correct: Value types are boxed when an abstract method inherited from System.Object is called. Overriding the method avoids boxing.  

   Should read:  
   A. Correct: Value types are boxed when a virtual method inherited from System.Object is called. Overriding the method avoids boxing. |
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| 745  | Lesson 3, answer 2 | The answer marked 2 is a duplicate of answer 1 on page 744. This makes the remaining numbering of the questions inconsistent with the number of the questions in Chapter 11. The following answer text should be removed, and then the remaining answers renumbered from 3, 4, and 5 to 2, 3, and 4 respectively: 2. Correct Answer: D  
A. Incorrect: SecurityAction.Demand instructs the runtime to throw an exception if the caller and all callers higher in the stack lack the specified permission. However, SecurityAction.Demand must be used imperatively, and the question describes a need for declarative security.  
B. Incorrect: SecurityAction.Deny causes the runtime to reduce the method's access by removing the specified permission.  
C. Incorrect: SecurityAction.Assert instructs the runtime to ignore the fact that callers might not have the specified permission.  
D. Correct: SecurityAction.RequestMinimum is used for checking permissions declaratively. If the caller lacks the privilege, the runtime throws an exception. | 2/1/2011 |
| 753  | Question 2C answer | Reads:  
C. Incorrect: OutAttribute indicates that the data in a field or parameter must be marshaled from a called object back to its caller. When combined with InAttribute, this allows the caller to retrieve changes made by the method.  
Should read:  
C. Correct: OutAttribute indicates that the data in a field or parameter must be marshaled from a called object back to its caller. When combined with InAttribute, this allows the caller to retrieve changes made by the method. | 2/1/2011 |
Lesson 1, first question, answers A, B, and C

Reads:
A. Incorrect: You cannot update a CultureInfo instance directly. Instead, create an instance of CultureAndRegionBuilderInfo and then register it. After registering it, you can create a new CultureInfo for your custom culture.
B. Correct: You can create an instance of CultureAndRegionBuilderInfo and then copy settings from the zh-CN culture. After making the changes you need, you can call CultureAndRegionBuilderInfo.Register to add the culture.
C. Incorrect: You cannot update a RegionInfo instance directly. Instead, create an instance of CultureAndRegionBuilderInfo and then register it. After registering it, you can create a new RegionInfo for your custom region.

Should read:
A. Incorrect: You cannot update a CultureInfo instance directly. Instead, create an instance of CultureAndRegionInfoBuilder and then register it. After registering it, you can create a new CultureInfo for your custom culture.
B. Correct: You can create an instance of CultureAndRegionInfoBuilder and then copy settings from the zh-CN culture. After making the changes you need, you can call CultureAndRegionInfoBuilder.Register to add the culture.
C. Incorrect: You cannot update a RegionInfo instance directly. Instead, create an instance of CultureAndRegionInfoBuilder and then register it. After registering it, you can create a new RegionInfo for your custom region.