

CLR via C#, Fourth Edition

Jeffrey Richter

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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.

Page	Location	Description	Date corrected
vi	Contents at a Glance, Part V heading	Reads: Par V Should read: Part V	3/8/2013
v-xx	Table of Contents	The Table of Contents links lead to the first page of the book rather than to the correct location within the book.	3/8/2013
10	Table 1-2, second row, x64 Windows column	Reads: Runs as a 32-bit application Should read: Runs as a WoW64 application	3/8/2013
10	Table 1-2, first two rows, /platform Switch column	The anycpu entry is noted as the default for the /platform switch; however, in Microsoft .NET 4.5 and Visual Studio 11, the new default is anycpu32bitpreferred.	
75	Fourth paragraph, second sentence	Reads: That is, these assemblies contain only metadata in them. Should read: For these assemblies, only the metadata is important.	
81	Second bulleted item, first sentence	Reads: The runtime ensures that the file being referenced is, in fact, in the assembly's ModuleRef table of the current assembly's manifest. Should read: The runtime ensures that the file being referenced is, in fact, in the assembly's ModuleRef table of the current assembly's metadata.	
92	Table 4-1, last row, Description column	Reads: Returns an instance of a Type-derived object that identifies the type... Should read: Returns an instance of a Type-derived type that identifies the type...	

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94	Second code block, tenth line (comment)	Reads: // A Manager IS-A Object: PromoteEmployee runs OK. Should read: // A Manager IS-A Employee: PromoteEmployee runs OK.	3/8/2013
128	Second code block, third comment from bottom of page	Reads: ...ln32... Should read: ...Int32...	5/15/2013
134	Code block, 17th and 18th lines on page	Reads: // p DOES get boxed to call GetType (a non-virtual method). Console.WriteLine(p1.GetType());// "Point" Should read: // p1 DOES get boxed to call GetType (a non-virtual method). Console.WriteLine(p1.GetType());// "Point"	
145	Code block at bottom of page, first three lines	Reads: Object o1 = 123; Int32 n1 = o; Int32 n2 = (Int32) o; Should read: Object o1 = 123; Int32 n1 = o1; Int32 n2 = (Int32) o1;	3/8/2013
150	Top of page, third line of code	Reads: MethodInfo method = FindMethod(binder.Name); Should read: MethodInfo method = FindMethod(binder.Name,args.Select(c=>c.GetType()).ToArray());	
156	Paragraph before Table 6-1, second sentence	The following sentence is technically inaccurate and should be deleted: The rows of the table are in order from most restrictive (Private) to least restrictive (Public).	
162	Table 6-2, last row, last three cells	These three cells should be merged to span the columns.	5/17/2013
167	First bulleted item	The following sentence should be appended to the end of this bulleted item: For example, if a methods calls virtual method A followed by virtual method B, in the future, you should not change the code to call method B first and then method A because the overridden methods might depend on the method invocation order.	

Page	Location	Description	Date corrected
168	Second bulleted list, first bulleted item, last sentence	<p>Reads: If I really feel that it is important to define a class that others can derive but I do not want to allow specialization, I will simulate creating a closed class by using the above technique of sealing the virtual methods that my class inherits.</p> <p>Should read: If I really feel that it is important to define a class that others can derive but I do not want to allow specialization, I will override and seal all the virtual methods that my class inherits.</p>	3/8/2013
170	Paragraph below first code block at top of page, first sentence	<p>The following sentence should be the last part of the code block above it, and the quotation mark should be deleted: Use the new keyword if hiding was intended.</p>	3/8/2013
177	Table 7-1, fourth row, Description column, first sentence	<p>Reads: Code that accessed...</p> <p>Should read: Code that accesses...</p>	5/15/2013
205	First paragraph after first bulleted list, first sentence	<p>Reads: ... behavior or a type...</p> <p>Should read: ... behavior of a type...</p>	5/15/2013
209	First heading	<p>Reads: Optional and Named Parameters</p> <p>Should read: Optional and Named Arguments</p>	5/15/2013
214	Third paragraph, second sentence	<p>Reads: ...callsite...</p> <p>Should read: ...call site...</p>	5/15/2013
253	Code block, seventh line	<p>Reads: // Copy a reference to the delegate field now into a temporary field for thread safety</p> <p>Should read: // Copy a reference to the delegate field into a temporary variable now for thread safety</p>	5/15/2013

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261	Code block, after second line	<p>Another line should be added after the second line of code.</p> <p>Reads: using System; using System.Collections.Generic;</p> <p>Should read: using System; using System.Collections.Generic; using System.Threading;</p>	5/15/2013
262	Note reader aid	The Note reader aid should be removed.	5/17/2013
280	Second code block, first line	<p>A space should be added between > and fn2.</p> <p>Reads: Func<String, Exception>fn2("") = fn1; // No explicit cast is required here</p> <p>Should read: Func<String, Exception> fn2("") = fn1; // No explicit cast is required here</p>	5/15/2013
281	Last paragraph, second sentence	<p>Reads: A type parameter can be used as a method's parameter, a method's return type, or as a local variable defined inside the method.</p> <p>Should read: A type parameter can be used as a method parameter's type, a method's return type, or the type of a local variable defined inside the method.</p>	5/15/2013
288	"Secondary Constraints" section, second paragraph	<p>For clarification, this section should include the following information: A type parameter constraint requires a constrained type to be equal to, derive from, or inherit the constraining type.</p>	
299	First paragraph, first sentence	<p>Reads: The C# compiler requires that a method that implements an interface be marked as public.</p> <p>Should read: The C# compiler requires a method that implements an interface method signature be marked as public.</p>	5/15/2013
311	Last paragraph, third sentence	<p>A space should be added between IComparable and CompareTo.</p> <p>Reads: ...IComparableCompareTo...</p> <p>Should read: ...IComparable CompareTo...</p>	5/15/2013

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344	Third text paragraph (excluding code snippets), last sentence	Reads: ...after the format string (7). Should read: ...after the format string (9).	5/15/2013
350	"Encodings: Converting Between Characters and Bytes" section, third paragraph	Reads: Likewise, you'd use Shift-JIS encoding to read a text file... Should read: Likewise, you'd use Shift-JIS encoding to read a text file...	5/15/2013
378	"Casting Arrays" section, first paragraph	Reads: For arrays with reference type elements, the CLR allows you to implicitly cast the source array's element type to a target type. Should read: For arrays with reference type elements, the CLR allows you to cast the source array's element type to a target type.	5/15/2013
398	Table 17-1, first two columns	A row separator should be added between the first and second items.	5/17/2013
417	Last code block, first three lines	Another line should be added after the third line of code. Reads: using System; using System.Reflection; using System.IO; Should read: using System; using System.Reflection; using System.IO; using System.Linq;	
421	First paragraph, fifth sentence	Reads: As you use the various .NET Framework technologies (Windows Forms, WPF, WCF, and so on),... Should read: As you use the various .NET Framework technologies (Windows Forms, WPF, WCF, and so on),...	5/15/2013
443-447	Running footers	Reads: Chapter 19 Nullable Value Types Should read: Chapter 19 Nullable Value Types	3/8/2013
444	Table in bulleted list	The table formatting might be unclear to some readers. The table shows the intersecting results of the operands in the first row and the first column.	

Page	Location	Description	Date corrected
493	Last code block, last line	Reads: IFormatProvider, provider, out Int32 result); Should read: IFormatProvider provider, out Int32 result);	
497	Third paragraph, second sentence	Reads: ...don't call any virtual methods... Should read: ...doesn't call any virtual methods...	5/15/2013
506	"Allocating Resources from the Managed Heap" section, second paragraph, first sentence	Reads: As region fills... Should read: As the region fills...	5/15/2013
515	First line of text at top of page	Reads: ...because the last collection. Should read: ...since the last collection. Reads: ...that have had fields change need... Should read: ...that have had fields changed need...	5/15/2013
518	Second paragraph, second sentence	Reads: ...or you calculate... Should read: ...or you could calculate...	5/15/2013
549	First line of text at top of page	Reads: ...is more efficient that... Should read: ...is more efficient than...	3/8/2013
557	First paragraph below Important reader aid, third sentence	Reads: ...because the AppDomain has been created. Should read: ...since the AppDomain was created.	5/15/2013

Page	Location	Description	Date corrected
563	Second paragraph, second sentence	The space between MarshalBy and ValType should be removed. Reads: ...MarshalBy ValType... Should read: ...MarshalByValType...	5/15/2013
571	Note reader aid, fourth sentence	Reads: ...the new thread will process a CannotUnloadAppDomainException... Should read: ...the new thread will throw a CannotUnloadAppDomainException...	5/15/2013
573	Last paragraph, first sentence	Reads: ...that are throwing the exception. Should read: ...that is throwing the exception.	5/15/2013
644	Second paragraph, second sentence	Reads: ...because its inception. Should read: ...since its inception.	3/8/2013
657	Paragraph before last code block	Reads: WinRT's IRandomAccessStream interface implements WinRT's IInputStream interface defined as follows. Should read: The WinRT IRandomAccessStream interface implements the WinRT IOutputStream interface, defined as follows.	
686	Table 26-1	In the Normal column, the second through sixth cells should be shaded, as referenced in the last paragraph on page 687.	3/8/2013
698	Paragraph after first Note reader aid	Reads: If you'd like, you can call CancellationTokenSource's Register... Should read: If you'd like, you can call CancellationToken's Register...	
700	Paragraph after second code block, fourth sentence	Reads: Fortunately, CancellationTokenSource gives you a way to have it self-cancel itself after a period of time. Should read: Fortunately, CancellationTokenSource gives you a way to have it self-cancel after a period of time.	5/15/2013

Page	Location	Description	Date corrected
701	Code block, fourth line	Reads: ...sooner than later. Should read: ...sooner rather than later.	5/15/2013
707	"A Task May Start Child Tasks" section, first code block, third line	Reads: // This tasks creates... Should read: // This task creates...	
719	Fourth paragraph	The I in With should be lowercased. Reads: WithDegreeOfParallelism Should read: WithDegreeOfParallelism	3/8/2013
719	First code block	A space should be inserted between the last two elements in the second line of each code block. First code block should read: ...CancellationToken cancellationToken) Second code block should read: ...Int32 degreeOfParallelism) Third code block should read: ParallelExecutionMode executionMode) Fourth code block should read: ParallelMergeOptions mergeOptions)	3/8/2013
730	Figure 28-2	Figure 28-2 in the ePub and Mobi e-books is outdated and different from the PDF version and the printed book. The associated text and PDF figure refer to ReadAsync, but the outdated figure refers to BeginRead and a CallbackMethod. This issue was corrected on March 20, 2013.	2/20/2013
743	Last paragraph, third sentence; and footnote 7, first sentence	Third sentence of last paragraph reads: ...I call TaskScheduler's FromAsync method... Should read: ...I call TaskFactory's FromAsync method... First sentence of footnote 7 reads: TaskScheduler's FromAsync method... Should read: TaskFactory's FromAsync method...	3/8/2013

Page	Location	Description	Date corrected
791	Second paragraph, fifth sentence	<p>Reads: On the other hand, if the thread calling Leave sees that m_waiters was not 1...</p> <p>Should read: On the other hand, if the thread calling Leave sees that m_waiters was not 0...</p>	
830	Index, fifth entry from bottom of left column	The following index entry should be deleted: Component Object Model (COM). See COM objects	3/8/2013