

Microsoft® Visual C#® 2010 Step by Step

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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
13	Step 5	Reads:this is the leftmost button on the toolbar Should read:	1/20/2012
		this is the button second from the left on the toolbar	
24	Paragraph before second code block,	Reads:there is also an Application.xaml.cs file.	7/29/2011
	first sentence	Should read:there is also an App.xaml.cs file.	
31	Table at bottom of page, third	The exponent in the first part of the range should be negative. Reads:	7/29/2011
	row, Range column	10^45	
		Should read:10^-45	
37	Third paragraph, sixth sentence	Reads: C# always rounds down in circumstances like this.	7/29/2011
		Should read:	
41	Text at top of page, second sentence	C# always rounds towards zero in circumstances like this. Reads:must convert the string to an int	11/1/2010
		Should read:must convert the int to a string	
61	Step 4. graphic	The labels for the Step Over and Step Into buttons should be reversed.	1/20/2012
67	Second code block	Reads: optMethod(1, 2.5. "World");	7/29/2011
		Should read: optMethod(1, 2.5, "World");	

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Page	Location	Description	Date corrected
71	First code block, third line	Reads: double fee = calculateFee(theDailyRate : 375);	11/1/2010
		Should read: double fee = calculateFee(theDailyRate : 375.0);	
81	Step 7, first line of code	Reads: private int compareClick(object sender, RoutedEventArgs e)	7/29/2011
		Should read: private void compareClick(object sender, RoutedEventArgs e)	
88	Step 8, second paragraph	Reads: If the current character being copied is a >, this code appends the string "<" to the text being output in its place.	11/1/2010
		Should read: If the current character being copied is a <, this code appends the string "&It" to the text being output in its place.	
94	Last paragraph, first sentence	Reads: The third statement assigns the Text property of the filename control to the Name property of the src variable. Should read:	7/29/2011
		The third statement assigns the Name property of the src variable to the Text property of the filename control.	
116	Step 9	Reads:Window1.xaml.cs Should read:MainWindow.xaml.cs	11/1/2010
120	Step 5, first sentence	Reads:Window1.xaml.cs	11/1/2010
		Should read:MainWindow.xaml.cs	
122	Step 5, first sentence	Reads:Window1.xaml.cs	11/1/2010
		Should read:MainWindow.xaml.cs	
123	Step 1	Reads:Window1.xaml.cs	11/1/2010
		Should read:MainWindow.xaml.cs	

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Page	Location	Description	Date corrected
124	Step 1	Reads:Window1.xaml.cs Should read:	11/1/2010
		MainWindow.xaml.cs	
147	Second paragraph from bottom of page	Reads: This class contains two public fields called Name (initialized to the string "John") and Age (initialized to the integer 42). Should read:	11/1/2010
		This class contains two public fields called Name (initialized to the string "John") and Age (initialized to the integer 44).	
172	First code block, third line	Reads:	7/29/2011
		Should read:	
183	Both graphics	int arg; The two images should be swapped.	11/1/2010
195	Paragraph	Reads:	10/12/2012
	before last code block,	the compiler throws an IndexOutOfRangeException	
	second	Should read:	
201	sentence	the runtime throws an IndexOutOfRangeException The entire code block should be bold.	7/20/2011
201	Step 11, code block	The entire code block should be bold.	7/29/2011
209	Code block, 10th and 17th lines	Line 10 reads: // Iterate remaining 10 elements using a for statement	7/29/2011
		Should read: // Iterate remaining 11 elements using a for statement	
		// nervers remaining II elements doing a reversal ment	
		Line 17 reads: // Iterate remaining 10 elements using a foreach statement	
		Should read: // Iterate remaining 11 elements using a foreach statement	
222	Last bulleted item	The following bulleted item is incorrect and should be deleted: The compiler detects and rejects any potentially ambiguous overloads. For example, the following two Min methods are ambiguous; it's not clear which one should be called if you pass two int arguments:	1/20/2012
		// compile-time error public static int Min(params int[] paramList)	
		public static int Min(int, params int[] paramList)	

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Page	Location	Description	Date corrected
241	Second code block, last line	Reads: // Aardvark	
		Should read:// Mammal	
269	Code block	The two implementations of the ChewGrass methods in the Horse class should not have a semicolon after the closing brace.	1/20/2012
		Reads: class Horse : Mammal, ILandBound, IGrazable {	
		void IGrazable.ChewGrass() {	
		Console.WriteLine("Chewing grass"); // code for chewing grass };	
		} class Sheep : Mammal, ILandBound, IGrazable {	
		void IGrazable.ChewGrass() {	
		Console.WriteLine("Chewing grass"); // same code as horse for chewing grass }; }	
		Should read:	
		class Horse : Mammal, ILandBound, IGrazable {	
		void IGrazable.ChewGrass() {	
		Console.WriteLine("Chewing grass"); // code for chewing grass }	
		class Sheep : Mammal, ILandBound, Igrazable {	
		void Igrazable.ChewGrass() {	
		Console.WriteLine("Chewing grass"); // same code as horse for chewing grass } }	

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Page	Location	Description	Date corrected
276	Table, second and third rows, and table footnotes	In the Structure column, the entries in the second and third rows should be updated. Both read: no Both should read: yes The following accompanying footnotes should be deleted: 2 A structure implicitly derives from System.Object, which contains methods that the structure can hide. 3 A structure implicitly derives from System.Object, which contains no	11/1/2010
		virtual methods.	
302	"Properties and Field Names: A Warning" sidebar, code block, fourth line	Reads: public int EmployeeID; Should read: public int EmployeeID	10/12/2012
316	Fourth	Reads: So 204 & 20 is 8 (204 is 11001100, 24 is 00011000, and 8 is 00001000). Should read: So 204 & 24 is 8 (204 is 11001100, 24 is 00011000, and 8 is 00001000).	7/29/2011
316	Last code block and last paragraph	All three occurrences of 1 << 6 should be replaced. Reads: 1 << 6 Should read: 1 << 5	11/1/2010
317	First Note reader aid	Reads:and the bit at position 6 is the bit six places from the right. Should read:and the bit at position 6 is the bit seven places from the right.	7/29/2011

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Page 319	Location First code block	Description Reads: int adapted = 62; // 62 has the binary representation 111110 IntBits bits = new IntBits(adapted); bool peek = bits[6]; // retrieve bool at index 6; should be true (1) bits[0] = true; // set the bit at index 0 to true (1) bits[3] = false; // set the bit at index 3 to false (0)	Date corrected 7/29/2011
319	First code block, last line	Reads: // the value in adapted is now 110111, or 55 in decimal Should read: // the value in bits is now 110111, or 55 in decimal	1/20/2012
341	First code block, sixth line	Reads: (ref int x, int y) { x++; return x / y; } Should read: (ref int x, int y) => { x++; return x / y; }; }	7/29/2011
342	Sidebar, second sentence	Reads:are specified in braces Should read:are specified in parentheses	7/29/2011
350	Step 12, first sentence	Reads:from the LocalClickTick event. Should read:from the LocalClockTick event.	7/29/2011
351	Table, second row, Do this column	Reads: delegate void myEvent(); class MyClass { public event myDelegate MyEvent; } Should read: delegate void myDelegate(); class MyClass { public event myDelegate MyEvent; }	7/29/2011
373	Step 6, last sentence	The last sentence in step 6 should be deleted.	7/29/2011

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Page	Location	Description	Date corrected
377	Second code block, third line	Reads: int Comparer <object>.Compare(Object x, Object y) Should read: int IComparer<object>.Compare(Object x, Object y)</object></object>	7/29/2011
377	Last code block	Should read: Object x =; Object y =; ObjectComparer objectComparer = new ObjectComparer(); IComparer <object> objectComparator = objectComparer; int result = objectComparator.Compare(x, y);</object>	7/29/2011
399	Second code block	Reads: public static IEnumerable <tresult> Select<tsource, tresult="">(IEnumerable<tsource> source, Func<tsource, tresult=""> selector) Should read: public static IEnumerable<tresult> Select<tsource, tresult="">(this IEnumerable<tsource> source, Func<tsource, tresult=""> selector)</tsource,></tsource></tsource,></tresult></tsource,></tsource></tsource,></tresult>	7/29/2011
399	Last paragraph, penultimate sentence	Reads: The method referred to by the selector parameter takes a TSource (in this case, customer) parameter and yields a collection of TResult (in this case, string) objects. Should read: The method referred to by the selector parameter takes a TSource (in this case, customer) parameter, and yields a TResult (in this case, string) object.	7/29/2011
403	Penultimate code block, last line	Reads: Console.WriteLine("Number of companies: {0}", numberOfCompanies); Should read: Console.WriteLine("Number of countries: {0}", numberOfCountries);	7/29/2011
404	Throughout the page	The term citiesAndCustomers should be updated wherever it is found in text and code. Reads: citiesAndCustomers Should read: companiesAndCustomers	7/29/2011

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Page	Location	Description	Date corrected
407	"Querying Data in Tree <ititem> Objects" section, first paragraph, second sentence</ititem>	Reads:the IEnumerable interface. Should read:the generic IEnumerable <t> interface.</t>	7/29/2011
428	Table, last row, Calculation column	Reads: (((a*c+b*d)/(c*c+d*d))+(b*c-a*d)/(c*c+d*d))i) Should read: (((a*c+b*d)/(c*c+d*d))+((b*c-a*d)/(c*c+d*d))i)	7/29/2011
430	Step 9, code block, sixth and seventh lines	Reads: return new Complex(lhs.Real * rhs.Real + lhs.Imaginary * rhs.Real, lhs.Imaginary * rhs.Imaginary + lhs.Real * rhs.Imaginary); Should read: return new Complex(lhs.Real * rhs.Real - lhs.Imaginary * rhs.Imaginary, lhs.Imaginary * rhs.Real + lhs.Real * rhs.Imaginary);	1/20/2012
431	Screen shot	The screen shot at the top of the page needs to be changed to show the correct results. The result of the multiply operation should be (42 + 40i).	1/20/2012
432	Important reader aid, code block, third line	Reads:As Should read:as	1/12/2012

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Page	Location	Description	Date corrected
435	First code block		7/29/2011
447	First paragraph after graphic, third sentence	Reads: The connectors show that the button is anchored to the top and right edges of the grid. Should read: The connectors show that the button is anchored to the top and left edges of the grid.	7/29/2011
447	Step 6, code block	Reads: <grid> <button content="Button" height="23" horizontalalignment="Left" margin="0,84,34,0" name="button1" verticalalignment="Top" width="75"></button> </grid> Should read: <grid> <button content="Button" height="23" horizontalalignment="Left" margin="374,40,0,0" name="button1" verticalalignment="Top" width="75"></button> </grid>	7/29/2011

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Page	Location	Description	Date corrected
448	Step 10, last sentence	Reads: Also notice that the Margin property now specifies a nonzero value for the left margin.	7/29/2011
		Should read: Also notice that the Margin property now specifies a nonzero value for the right margin.	
469	Step 9, third sentence	Reads: You can obtain the current date from the static Today method of the DateTime class.	1/20/2012
		Should read: You can obtain the current date from the static Today method of the DateTime struct.	
475	Step 4, first sentence	Reads:memberFormClosing method:	7/29/2011
		Should read:Window_Closing method:	
479	Code block, fourth line	Reads: VerticalAlignment="Top" >	7/29/2011
		Should read: VerticalAlignment="Top" />	
503	Step 6, last sentence	Reads: Notice that the for loop	7/29/2011
		Should read: Notice that the foreach loop"	
518	Step 1, code block, second line	Reads: <ticketorder:customer x:key="orderData"></ticketorder:customer>	7/29/2011
		Should read: <ticketorder:ticketorder x:key="orderData"></ticketorder:ticketorder>	
519	Note reader aid	d Reads: Make sure you actually delete the contents of the foreName text box rather than just overtyping the text with spaces.	
		Should read: Make sure you actually delete the contents of the customerReference text box rather than just overtyping the text with spaces.	
521	Step 5, first code line	Reads: class Customer	7/29/2011
		Should read: class TicketOrder	

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Page	Location	Description	Date corrected
523	Step 2, first paragraph	Reads: 2. Add the PrivilegeLevelConverter class shown next to the end of the file, after the Customer class. Should read:	7/29/2011
		2. Add the PrivilegeLevelConverter class shown next to the end of the file, after the TicketOrder class.	
525	Step 3, second sentence	Reads: After the list of combo box items Should read: Before the list of combo box items	7/29/2011
526	Step 6, paragraph after code block, fourth sentence	Reads:the GetBinding method retrieves the object bound to the Text property of the title combo box. Should read:the GetBinding method retrieves the object bound to the Text property of the privilegeLevel combo box.	
546	Step 4, second paragraph	Reads: The SQL SELECT statement appears, followed by the orders for this customer, as shown in the following image: Should read: The orders for the customer appear, as shown in the following image:	10/12/2012
554	"Joining Tables and Creating Relationships" section, first paragraph, last sentence	Reads:(the SupplierName column Should read:(the SupplierID column	7/29/2011
558	Last paragraph, fourth sentence	Reads: The example shown here causes the Products property of each Supplier entity to be populated as soon as the data for each Product entity is fetched Should read: The example shown here causes the Products property of each Supplier entity to be populated as soon as the data for each Supplier entity is fetched	7/29/2011
587	Code block, second line	In Product, CreateProduct, the comma should be changed to a period. Reads: Product newProduct = Product, CreateProduct(0, "Fried Bread", false); Should read: Product newProduct = Product. CreateProduct(0, "Fried Bread", false);	7/29/2011

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Page	Location	Description	Date corrected
622	Steps 2 and 3, first and second code blocks	Code block in step 2 reads: plotXY(data, (int)(-x + (pixelWidth / 2)), (int)(y + (pixelWidth / 2))); plotXY(data, (int)(x + (pixelWidth / 2)), (int)(y + (pixelWidth / 2))); Should read: plotXY(data, (int)(-x + (pixelWidth / 2)), (int)(y + (pixelHeight / 2))); plotXY(data, (int)(x + (pixelWidth / 2)), (int)(y + (pixelHeight / 2))); Code block in step 3 reads: Parallel.Invoke(() => plotXY(data, (int)(-x + (pixelWidth / 2)), (int)(y + (pixelWidth / 2))), () => plotXY(data, (int)(x + (pixelWidth / 2)), (int)(y + (pixelWidth / 2)))); Should read: Parallel.Invoke(() => plotXY(data, (int)(-x + (pixelWidth / 2)), (int)(y + (pixelHeight / 2))), () => plotXY(data, (int)(x + (pixelWidth / 2)), (int)(y + (pixelHeight / 2))), () => plotXY(data, (int)(x + (pixelWidth / 2)), (int)(y + (pixelHeight / 2)))	7/29/2011
627	Tip reader aid,);	7/29/2011
	Source Brook	=> generateGraphData(data, pixelWidth / 4, pixelWidth * 3 / 8), () => generateGraphData(data, pixelWidth / 4, pixelWidth * 3 / 8), () => generateGraphData(data, pixelWidth * 3 / 8, pixelWidth / 2));	
633	Code block, last line	Reads: CancellationToken cancellationToken = cancellationToken.Token; Should read: CancellationToken cancellationToken = cancellationTokenSource.Token;	
634	Second code block, second line	Comma should be replaced with a period. Reads: cancellationToken,Register(doAdditionalWork); Should read: cancellationToken.Register(doAdditionalWork);	

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Page	Location	Description	Date corrected
693	Note reader aid	Note The Web services that you build in this chapter require access to the Northwind database. If you have not already done so, you can create this database by following the steps in the section "Creating the Database" in Chapter 25, "Querying Information in a Database." Additionally, if you have previously been using Visual C# 2010 Express, you cannot use the detached version of the Northwind database for the exercises in this chapter. Instead, you should delete the Northwind.mdf and Northwind_log.ldf files from the C:\Program Files\Microsoft SQL Server\MSSQL10.SQLEXPRESS\MSSQL\DATA folder and then rebuild the Northwind database by running the instwnd.sql script as described in Chapter 25.	7/29/2011
703	Step 2, second paragraph, second sentence	Reads:reads the unit price of the product form the database Should read:reads the unit price of the product from the database	7/29/2011
707	Step 5, first sentence	Reads: 5. Add the GetProduct method definition shown next in bold to the IProductsService interface: Should read: 5. Add the GetProduct method definition shown next in bold to the IProductsDetails interface:	7/29/2011

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