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.NET And XML

Understanding the Code and Markup Behind the Wizards

.NET and XML

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Niel M. Bornstein

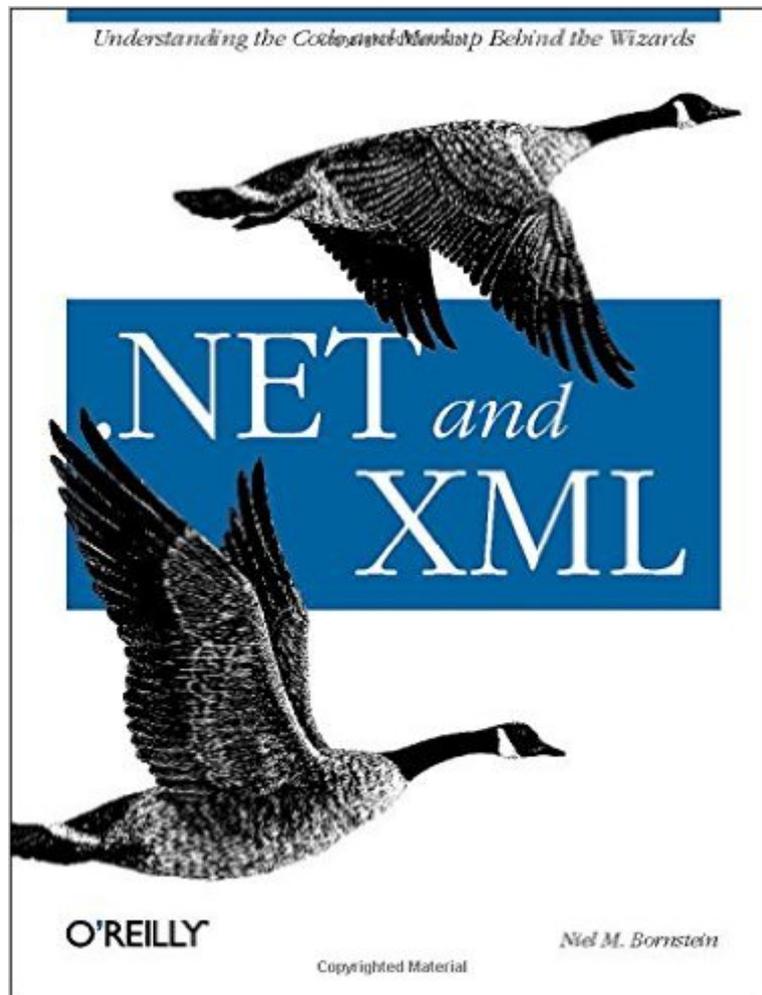Copyrighted Material

Synopsis

If you're seeking ways to build network-based applications or XML-based web services, Microsoft provides most of the tools you'll need. XML is integrated into the .NET Framework and Visual Studio .NET, but if you want to get a grasp on how .NET and XML actually work together, that's a different story. With .NET & XML, you can get under the hood to see how the .NET Framework implements XML, giving you the skills to write understandable XML-based code that interoperates with code written with other tools, and even other languages..NET & XML starts by introducing XML and the .NET Framework, and then teaches you how to read and write XML before moving on to complex methods for manipulating, navigating, transforming, and constraining it. To demonstrate the power of XML in .NET, author Niel Bornstein builds a simple hardware store inventory system throughout the book. As you move from chapter to chapter, you'll absorb increasingly complex information until you have enough knowledge to successfully program your own XML-based applications. This tutorial also contains a quick reference to the API, plus appendices present additional .NET assemblies that you can use to work with XML, and how to work with the .NET XML configuration file format.One study puts the potential market for new software based on XML at or near $100 billion over the next five years. The .NET Framework gives you a way to become a part of it. But to use XML and .NET effectively, you need to understand how these two technologies work together. This book gives you the insight to take full advantage of the power the two provide.

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Customer Reviews

The advanced C# developer is the target audience for this book, although a Visual Basic.Net developer who is familar with C# will be able to follow the examples. All of the examples in this book are in C#. This book is sometimes very confusing especially starting in Chapter 5 - Manipulating XML with DOM. Some of the chapters must be read a couple of times in order to make sense and this book is somewhat difficult to read.In Chapter 1 - Introduction to .Net and XML, Chapter 2 - Reading XML, Chapter 3 - Writing XML, and Chapter 4 - Reading and Writing Non-XML Formats establish a basic foundation. The more advanced subjects start in Chapter 5.Here is a synopis of Chapters 5 through Chapter 11.Chapter 5 - Manipulating XML with DOMChapter 6 - Navigating XML with XPathChapter 7 - Transforming XML with XPathChapter 8 - Constraining XML with SchemasChapter 9 - SOAP and XML SerializationChapter 10 - XML and Web ServicesChapter 11 - XML and DatabasesThe author provides a quick reference in chapters 13 through chapter 20 but needs an entire chapter (Chapter 12) to explain how to use the quick references.Pros: The author covers just about every facet of XML in this book. The author provides 4 examples of using the memory stream for I-O. Other books that I have read just mention it briefly but did not provide examples. There are ample examples in this book.Cons: This book is sometimes hard to read and can be confusing at times. You may have to read the chapters several times to make sense of the material. On page 12, the author states that "the simplest thing you can do with an existing XML document is to read it into memory". Shouldn't it be "read from memory" and "write to memory"?

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