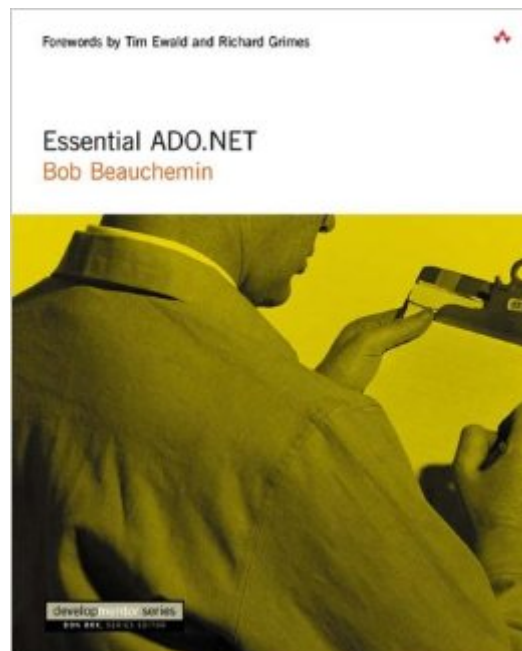# The book was found

Essential ADO.NET

Synopsis

Discover what makes ADO.NET uniquely powerful -- and how you can use it to solve Web development problems that couldn't easily be solved with previous data access technologies. Beauchemin begins by outlining the tasks a contemporary data access API must address, explaining the ADO.NET capabilities that are truly novel, and describing the data storage styles and application types ADO.NET is best suited for. Next, using simple examples, he introduces each key component of ADO.NET: its data providers, DataSet object model, and XML data access model. Beauchemin explains how ADO.NET varies from the provider model common to traditional data access technologies, and introduces new features such as connection pooling and automatic distributed transactions. He presents in-depth coverage of ADO.NET DataAdapters, and offers detailed guidance on when to use a direct-from-the-database stream (the ADO.NET Data Reader) and when to use an offline cache. The book contains extensive coverage of data binding, XML and data access integration, XML data providers, data consumers moving from other data access APIs, and finally, the future of data access. For everyone building database applications with Microsoft technologies -- including more than two million Visual Basic developers who rely on ADO and need to understand the technology that is supplanting it. Foreword by Tim Ewald.

Book Information

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Customer Reviews

This book is most suited for an experienced database developer who wants to learn ADO.NET. It

distinguishes nicely between connected and disconnected access. Later chapters provide specialized material for users of other database libraries who are converting to ADO.NET. Most code is fragmentary but some complete programs are available online. The code could be more clearly identified with the corresponding text sections.Although this book starts with an introductory chapter with a brief introduction to SQL and the relational model, most chapters dive into discussions that might drown novices unless more tutorial background was included. However those with some database experience would find a useful detailed introduction to ADO.NET.The book is easy to read. Each chapter has many code fragments, and perhaps a few complete programs. All those I tried compiled without error. The examples in Chapter 2, ADO.NET Basics, assume SQL Server is the database. While it would be easy to convert the examples to another provider, the data would not be available and users of other databases cannot execute these examples. The downloaded code contains some Palm database files, but without any explanation of what to do with them.Chapter 4 has only two complete program available for download. The first is included in the book on p. 165, but Chapter 4 starts on p. 127. The second refers to a brief section at the end of the chapter which has no code. It would be much more helpful to have complete examples from earlier in the chapter.The code fragments from Chapter 4 are available for download. It takes a while to correspond the code to the text. My sleuthing found that Figure 4.3 in the code is Listing 4.1 in the text, Figure 4.4 is Listing 4.2 and so on.

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