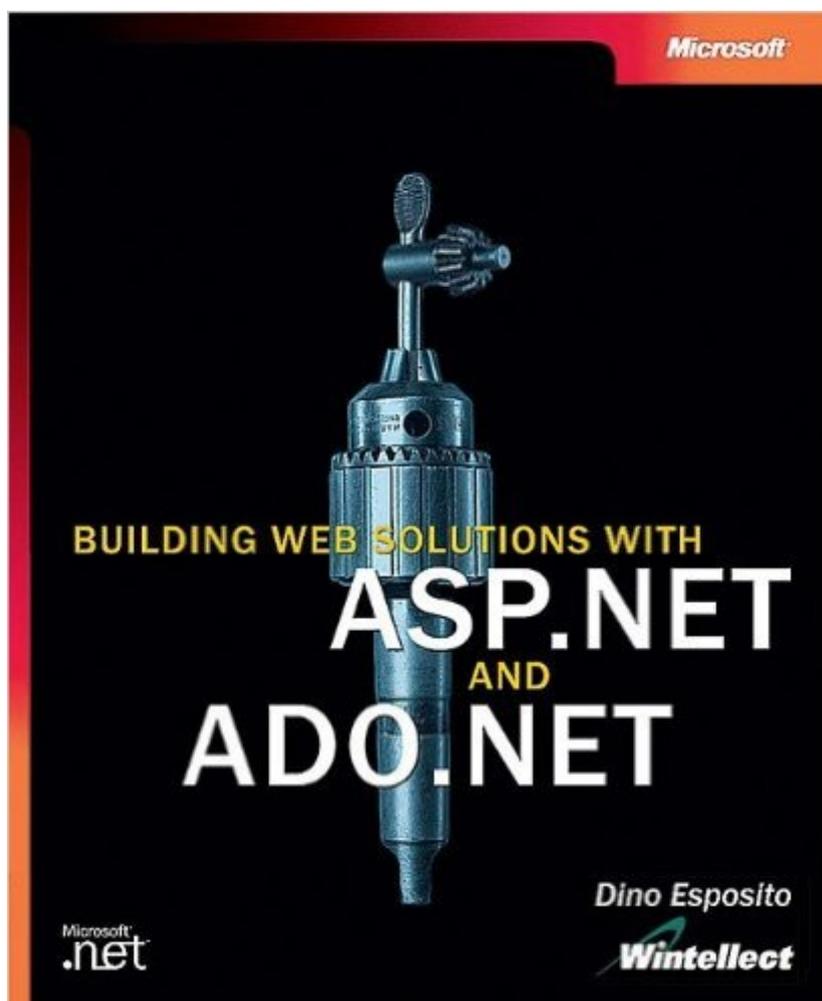# Building Web Solutions With ASP.Net And ADO.NET (Developer Reference)

Synopsis

Most Web applications follow a simple â œ3Fâ • pattern: fetch, format, and forward to the browser. With this in-depth guide, youâ ™ll take your ASP.NET and ADO.NET skills to the next level and learn key techniques to develop more complex Web applications. Discover how to build applications for ad-hoc and effective Web reporting, applications that work disconnected from the data source and use XML to communicate with non-.NET systems, and general-purpose applications that take advantage of the data abstraction of ADO.NET. Along the way, youâ ™ll learn how to take advantage of code reusability, user controls, code-behind, custom Web controls, and other time-saving techniques employed by ASP.NET experts.Topics covered include: Data-bound .NET controls Templated and editable data grids Code reusability in .NET Advanced reporting Disconnected applications Interoperable applications XML Web services .NET Managed Providers CD-ROM FEATURES: A fully searchable electronic copy of the book Sample code written in MicrosoftÂ® Visual C#â„¢ .NET and Visual BasicÂ® .NET A Note Regarding the CD or DVDThe print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Please direct any questions or concerns to booktech@oreilly.com.

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Customer Reviews

If you have not read Dino's articles on ASP Today, or MSDN, you have missed quite a bit. Dino is really a great writer, especially when it comes to data and performance decisions. Who better to write a book on using ADO.NET with ASP.NET.The whole first third to half of the book deals with binding data to various controls, primarily the data grid. This is a good thing, as the dataGrid control is the one you will use for most of your data reporting. You learn to page, edit and use templates with this wonderful control. The downside here is that the rest of the controls are largely fluffed over in the first chapter. Overall, this is not a bad thing, but a little more content on the repeater (which is by far the most flexible) and the DataList (which is also editable) would have been a nice addition to this work.In the middle of the book, you get into code reusability. The chapter loses focus at time, but deals with how you include different controls into your page, including custom user controls. From here, you learn about advanced data reporting, which may well be worth the price of the book alone. You head into deeper programatic decisions here. Fortunately, the DataGrid makes most of this a breeze.The final third of the book (part of section II and all of section III) puts wheels on what you have learned in the first 2/3rds. The chapters in this third deal with disconnected data, web services, interop with COM and exposing data to your ASP.NET applications.As I have stated, my largest beef with this book is the lack of more examples with the Repeater and DataList. Overall, I cannot be too critical here, as the DataGrid will most likely bare the brunt of your ASP.NET data programming work. It is a deep enough shortcoming to me, however, that I have to deduct 1 star.

Building web solutions with ASP.NET and ADO.NET by Dino Esposito is the second book on ASP.NET I got in past few weeks. (The first one was "Programming ASP.NET" by Jessie Liberty and Dan Hurwitz.) It is advertised as "code-intensive solution-oriented book", but I would characterize this book more like code-intensive DataGrid-oriented. The book presents only some parts of the ASP.NET and ADO.NET along with practical advise.Dino's book does a great job in explaining DataGrid control; gives a good overview of concurrency issues in ASP.NET applications and data provider architecture. A more appropriate title for such book would be "Elements of data-driven ASP.NET applications".The author doesn't waste ink explaining basics of ASP.NET technology and jumps right into introducing data binding on various web controls. By the end of the first chapter it becomes clear that DataGrid Web Control is emerging as a lead character of this

book. Chapters 2, 3 and 4 are dedicated to explaining data binding and control features of DataGrid. Then comes Chapter 5 that presents various options of organizing the code and layout in an ASP.NET application. I found this chapter useful, but inappropriate within the flow of the book. The discussion about physical design of ASP.NET application should really be independent from the discussion of DataGrid web control. I felt this chapter was even more out of place when I've realized that Chapter 6 continues to cover DataGrid in further detail.In Chapter 7 the discussion moved away from DataGrid once again and focused on analysis of design choices in dealing various scenarios with disconnected web applications. In this chapter the author shown various techniques of data caching and updating the database in multi-user scenarios.

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