ASP.NET 3.5 ENTERPRISE APPLICATION DEVELOPMENT pdf

1: Professional www.enganchecubano.com AJAX [Book]

www.enganchecubano.com Enterprise Application Development with Visual Studio® If you are faced with the many challenges that come with delivering business applications, experienced author and www.enganchecubano.com expert Vince Varallo is here to help.

The Problem Design Solution series by Wrox is unique because it describes a large case study and builds an entire solution chapter by chapter for each incremental step. This book uses a wide variety of new features in Visual Studio , explai This book provides a step-by-step guide for developing an ASP. This book uses a wide variety of new features in Visual Studio , explains each in detail, and produces a solution that you can use as a starting point for your own applications. If you are responsible for designing or developing enterprise-wide applications, departmental applications, portals, or any line of business application, then this book is for you. Many applications have a similar set of features, and this book builds an application with some of the most common features of enterprise applications. Every application has the same general set of features, but implemented in a different way. A database sits in the back end and you, as the developer, are responsible for enabling users to add, update, select, and delete records. If only it were that simple, no? The real development work starts when you sit with users and try to understand the business process and why they need a new or improved system in the first place. A lot of companies have departments that use Excel and Access wizards to create small systems that eventually become a lifeline for some part of the business. Usually something bad happens because of the nature of the tool they are using. Senior-level management is called in, project managers are hired, programmers are contracted, and the Project Management Office PMO is called to save the world. Suddenly this loosely defined process is high priority and people want documented standard operating procedures, audit reports, more productivity, less people, and of course a system that can do it all, which is where you come in. The design pattern uses the normal three layers, the user interface UI , the business logic layer BLL , and the data access layer DAL , but also builds the classes in each layer that encapsulate common business rules such as role-based security, workflow, reporting, dynamic menus, data entry, dynamic querying, notifications, exception handling, and auditing. As the book guides you through the complete solution, each business requirement is thoroughly examined and some of the latest enhancements in ASP. Enterprise applications are typically complex, and the teams that build enterprise applications come in all shapes and sizes. Just a side note: Users are not testers. This book is mainly focused on the architect and developers, but testers may find it valuable as well to help them understand the plumbing that goes into developing and architecting an enterprise application. This book is for the intermediate to senior level developer or system architect. It would be helpful if you have experience with Visual Studio, the. NET, and C because that is what the samples are written in, but the design pattern could be used in any language. The book is focused on enterprise applications, but the pattern could be used for any type of application that has a web front end and connects to a database. The application framework built in this book provides a foundation that can be extended to meet the specific business needs of your organization. Each chapter goes into great detail, with plenty of code samples, and uses some of the new features in Visual Studio and the language enhancements in the. Some of the language enhancements discussed include LINQ, extension methods, partial methods, automatic properties, anonymous types, lambda expressions, and object initializers. Of course, I realize that the code is what most developers are interested in, and each chapter provides numerous examples. The Problem Design Solution series is just that. Each chapter has three sections with a description of the problem to be addressed, the design considerations for choosing a solution for the problem, and the solution that ultimately addresses the problem. The solution includes the bulk of the code. Each chapter builds upon the previous chapter, and it is recommended that you read them in order. The base classes that are described in the first few chapters are critical to an understanding of the rest of the book. Later chapters build upon the base classes and extend their functionality in all three layers of the application.

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2: www.enganchecubano.com Enterprise Application Development with Visual Studio

I read through this book thinking, with a title like "www.enganchecubano.com Enterprise Application Development with Visual Studio ," that it would take me through creating an enterprise-class application, complete with all of the things one would think are a part of such an app.

NET revolutionized Web application development. The platform handles many of the complexities of creating Web applications. The lines between rich client applications and traditionally less interactive browser-based applications are being further blurred with the use of this technology. Again, the complexities are made easy by using ASP. The new server controls that are part of ASP. NET AJAX make it simple to designate parts of the page to be updated automatically without making the user pause and wait while the data is refreshed. You can have partial page updates without writing a single line of code. Other new controls let you alert the user that background work is happening and designate regular intervals at which updates occur. In addition, the ASP. Ajax is definitely the hot buzzword in the Web application world at the moment. The creation and the inclusion of the XMLHttpRequest object in JavaScript and the fact that most upper-level browsers support the use of this object led to creation of the Ajax model. Ajax applications, although they have been around for a few years, gained greater popularity after Google released a number of notable, Ajax-enabled applications such as Google Maps and Google Suggest. These applications demonstrated the value of Ajax. Shortly thereafter, Microsoft released a beta for a new toolkit that enabled developers to incorporate Ajax features in their Web applications. This toolkit, code-named Atlas and later renamed ASP. NET AJAX product used to be a separate application that developers were required to install on their machine and the Web server that they were working with. This release gained in popularity quite rapidly and has now been made a part of the Visual Studio offering. This means that in order to use ASP. Overall, Microsoft has fully integrated the entire ASP. NET AJAX experience in that developers can easily use Visual Studio and its visual designers to work with your Ajax-enabled pages and even have the full debugging story that they would want to have with their applications. Using Visual Studio , developers are now able to debug straight into the JavaScript that they are using in the pages. In addition, it is important to note that Microsoft focused a lot of attention on cross-platform compatibility with ASP. Developers will find that the Ajax-enabled applications that they build upon the. This book is aimed at experienced ASP. In this book, I assume that you already have an understanding of how ASP. For an in-depth discussion of ASP. The focus here is on how you can extend ASP. NET applications to update portions of the page asynchronously and to add richer UI elements to a page. NET AJAX makes it easy to enrich your existing application or to design a new application to provide a better experience for users. The differences among modern browsers have been abstracted, allowing you to write to a common set of APIs and trust that the user will get the correct behavior whether they are using Internet Explorer, Firefox, or Safari. If you know how to author ASP. This book covers ASP. It does not cover ASP. The examples lead you from the core of what is included in the ASP. NET pages to extend applications, making them more rich and interactive. It does so by leveraging the ASP. Chapter 1 introduces you to ASP. You will see how ASP. NET AJAX is composed of client and server pieces and that you can use the client library with any server platform you choose. In Chapter 2, the focus is on the most popular and easily applied feature of ASP. NET, the UpdatePanel control. This control allows you to automatically update portions of a page asynchronously, without subjecting the user to a visible pause while the page refreshes. The book then works through several key features, including control of script resources and working with the ScriptManager control in Chapter 5, the new ASP. The next chapter, Chapter 8, looks at how to use ASP. Chapter 9 looks at networking objects. Chapter 10 looks at working with animations in ASP. Chapter 11 shows you how to develop custom AJAX controls. Chapters 12, 13, and 14 shows the reader how to incorporate Ajax in some other ASP. NET core features such as Web Parts, localization, and state management. Chapter 15 looks at what is required to test and debug Ajax applications, and finally, Chapter 16 explores how to deploy ASP.

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3: Problem Saving New Users

The sample application in this book is built using Visual Studio , www.enganchecubano.com , C#, and SQL Server Each chapter goes into great detail, with plenty of code samples, and uses some of the new features in Visual Studio and the language enhancements in www.enganchecubano.com Framework

The Problem Design Solution series by Wrox is unique because it describes a large case study and builds an entire solution chapter by chapter for each incremental step. This book uses a wide variety of new features in Visual Studio , explains each in detail, and produces a solution that you can use as a starting point for your own applications. If you are responsible for designing or developing enterprise-wide applications, departmental applications, portals, or any line of business application, then this book is for you. Many applications have a similar set of features, and this book builds an application with some of the most common features of enterprise applications. Every application has the same general set of features, but implemented in a different way. A database sits in the back end and you, as the developer, are responsible for enabling users to add, update, select, and delete records. If only it were that simple, no? The real development work starts when you sit with users and try to understand the business process and why they need a new or improved system in the first place. A lot of companies have departments that use Excel and Access wizards to create small systems that eventually become a lifeline for some part of the business. Usually something bad happens because of the nature of the tool they are using. Senior-level management is called in, project managers are hired, programmers are contracted, and the Project Management Office PMO is called to save the world. Suddenly this loosely defined process is high priority and people want documented standard operating procedures, audit reports, more productivity, less people, and of course a system that can do it all, which is where you come in. The design pattern uses the normal three layers, the user interface UI , the business logic layer BLL , and the data access layer DAL , but also builds the classes in each layer that encapsulate common business rules such as role-based security, workflow, reporting, dynamic menus, data entry, dynamic querying, notifications, exception handling, and auditing. As the book guides you through the complete solution, each business requirement is thoroughly examined and some of the latest enhancements in ASP. Enterprise applications are typically complex, and the teams that build enterprise applications come in all shapes and sizes. Just a side note: Users are not testers. This book is mainly focused on the architect and developers, but testers may find it valuable as well to help them understand the plumbing that goes into developing and architecting an enterprise application. This book is for the intermediate to senior level developer or system architect. It would be helpful if you have experience with Visual Studio, the. NET, and C because that is what the samples are written in, but the design pattern could be used in any language. The book is focused on enterprise applications, but the pattern could be used for any type of application that has a web front end and connects to a database. The application framework built in this book provides a foundation that can be extended to meet the specific business needs of your organization. Each chapter goes into great detail, with plenty of code samples, and uses some of the new features in Visual Studio and the language enhancements in the. Some of the language enhancements discussed include LINQ, extension methods, partial methods, automatic properties, anonymous types, lambda expressions, and object initializers. Of course, I realize that the code is what most developers are interested in, and each chapter provides numerous examples. The Problem Design Solution series is just that. Each chapter has three sections with a description of the problem to be addressed, the design considerations for choosing a solution for the problem, and the solution that ultimately addresses the problem. The solution includes the bulk of the code. Each chapter builds upon the previous chapter, and it is recommended that you read them in order. The base classes that are described in the first few chapters are critical to an understanding of the rest of the book. Later chapters build upon the base classes and extend their functionality in all three layers of the application.

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