

WPF Programmer's Reference

Build effective user interfaces with Windows Presentation Foundation Windows Presentation Foundation (WPF) is included with the Windows operating system and provides a programming model for building applications that provide a clear separation between the UI and business logic. Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. Packed with helpful examples, this reference progresses through a range of topics that gradually increase in their complexity. You'll quickly start building applications while you learn how to use both Expression Blend and Visual Studio to build UIs. In addition, the book addresses the needs of programmer who write the code behind the UI and shows you how operations can be performed using both XAML and C#. Topics Covered: Overview of WPF WPF in Visual Studio Expression Blend Common Properties Content Controls Layout Controls User Interaction Controls Two-Dimensional Drawing Controls Properties Pens and Brushes Events and Code-Behind Resources Styles and Property Triggers Event Triggers and Animation Templates Themes and Skins Printing Data Binding Commanding Transformations and Effects Documents Navigation-Based Applications Three-Dimensional Drawing Silverlight Even if you only have a minimal amount of experience, by the end of the book, you will be able to build dynamic and responsive user interfaces with WPF.

Go beyond what you thought possible in user interface development Windows Presentation Foundation (WPF) enables you to build effective and unique graphical user interfaces. However, it takes a steep learning curve to master the exceptions and shortcuts that are built into WPF. This reference provides you with a solid foundation of fundamental WPF concepts so you can start building attractive, dynamic, and interactive applications quickly and easily. As the book progresses, topics gradually become more advanced, and you'll discover how to use WPF to build applications that run in more environments, on more hardware, using more graphical tools, and providing a more engaging visual experience than is normally possible with Windows Forms. WPF Programmer's Reference: * Explains with full color code examples how code is connected to the user interface and shows how operations can be performed using both XAML and C# * Features a series of essential appendices that summarize WPF syntax and concepts for easy reference * Covers the latest release of WPF, along with Visual Studio(r) 2010, Expression Blend 3, and .NET 4 * Shows how to position and arrange content, layout, interaction, and drawing controls; define their properties; and manipulate those properties to produce stunning visual effects * Addresses event triggers and animation, templates, themes and skins, data binding, and transformations and effects * Provides comparable Visual Basic versions of all code examples on the companion web site Wrox guides are crafted to make learning programming languages and technologies easier than you think. Written by programmers for programmers, they provide a structured, tutorial format that will guide you through all the techniques involved. wrox.com Programmer Forums Join our Programmer to Programmer forums to ask and answer programming questions about this book, join discussions on the hottest topics in the industry, and connect with fellow programmers from around the world. Code Downloads Take advantage of free code samples from this book, as well as code samples from hundreds of other books, all ready to use. Read More Find articles, ebooks, sample chapters and tables of contents for hundreds of books, and more reference resources on programming topics that matter to you.



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