

# Contents at a Glance

Introduction .....	1
<b>Part I Background</b>	
1 Why Windows Presentation Foundation? .....	9
2 XAML Demystified.....	19
3 Important New Concepts in WPF .....	45
<b>Part II Building a WPF Application</b>	
4 Introducing WPF's Controls .....	85
5 Sizing, Positioning, and Transforming Elements .....	127
6 Layout with Panels.....	147
7 Structuring and Deploying an Application .....	191
<b>Part III Features for Professional Developers</b>	
8 Resources .....	239
9 Data Binding .....	259
10 Styles, Templates, Skins, and Themes.....	307
<b>Part IV Going Beyond Today's Applications with Rich Media</b>	
11 2D Graphics .....	355
12 3D Graphics .....	415
13 Animation .....	469
14 Audio, Video, Speech, and Documents .....	501
<b>Part V Advanced Topics</b>	
15 Interoperability with Win32, Windows Forms, and ActiveX .....	539
16 User Controls and Custom Controls.....	579
17 Layout with Custom Panels.....	605
<b>Part VI Appendix</b>	
Appendix Helpful Tools .....	617
Index .....	621