

Windows 8 Applications Using XAML: Apps and UI

Table of Contents

INTRODUCTION.....	INTRO-1
Prerequisites.....	INTRO-2
The Environment.....	INTRO-3
Installation.....	INTRO-4
About the Author.....	INTRO-5
GETTING STARTED	1-1
Windows 8 Applications and C#	1-2
Platforms and Tools	1-3
Basic CLR Facts	1-5
Your Options as a Developer	1-5
Distributing Windows 8 Applications	1-6
Investigate Templates and Build a Simple Application.....	1-9
Project Templates	1-9
Create and Examine a Blank App	1-14
Replace MainPage.xaml	1-19
Try Out the New MainPage.xaml	1-21
Create a Simple Browser	1-25
Add Event Handlers	1-28
Add a URL Length Indicator.....	1-32
Add Finishing Touches	1-36
Adding a Splash Screen	1-36
Saving Application State Between Sessions	1-38
Considering Asynchronous Programming	1-41
Saving State.....	1-46
LAB 1: GETTING STARTED	1-55
Lab 1 Overview.....	1-56
Create a Hello, World Application.....	1-57
Add Event Handler and Binding.....	1-60
Save the Application State Between Sessions	1-63
CREATING A USER INTERFACE WITH XAML	2-1
Introduction to XAML and Layout	2-2
Getting Started.....	2-3
Simple Properties and Type Converters	2-4

Table of Contents

Complex Properties	2-5
Markup Extensions	2-7
Attached Properties	2-10
Introducing Content and Grid Controls	2-12
Working with Content Controls	2-12
Working with the Grid Control	2-19
Placing Controls onto the Grid	2-26
XAML Resources and Styles	2-32
The Resources Dictionary.....	2-32
Hierarchy of Resources	2-34
Organizing Resources Using a Resource Dictionary	2-41
Introducing XAML Styles.....	2-45
Creating a Simple Style	2-45
Style Inheritance	2-49
Handling Multiple Orientations.....	2-51
Application Views.....	2-51
Adapting for Multiple Layouts.....	2-53
Reacting to Layout Changes.....	2-59
Creating State-Handling Markup.....	2-60
Modifying Properties When State Changes	2-61
LAB 2: CREATING A USER INTERFACE WITH XAML	2-69
Lab 2 Overview.....	2-70
Create the User Interface	2-71
Add Puzzle Behavior	2-77
Add Resources	2-81
Add Styles.....	2-85
WINDOWS 8 CONTROLS	3-1
Creating a Simple User Interface.....	3-2
Layout Controls	3-2
Interactive Controls.....	3-10
Buttons.....	3-10
Selection Controls.....	3-13
Navigation Controls.....	3-25
Working with Information	3-29
Text Controls.....	3-29
Progress Controls	3-33
Images, Shapes, and Media	3-35
Collection/Data Controls	3-40

LAB 3: WINDOWS 8 CONTROLS.....	3-47
Lab 3 Overview.....	3-48
Create the First Three Settings.....	3-49
Add the Final Three Settings	3-57
CREATING AND USING APP BARS	4-1
Build and Interact with App Bars.....	4-2
Creating Your First App Bar.....	4-3
App Bar Do's and Don'ts.....	4-8
Open an App Bar Programmatically	4-12
Work with App Bars Programmatically	4-16
Handling Opened and Closed Events.....	4-16
Adding Contextual Commands	4-20
Adding Menus to App Bars	4-27
Sharing App Bars Between Pages.....	4-34
Creating Buttons	4-34
LAB 4: CREATING AND USING APP BARS	4-45
Lab 4 Overview.....	4-46
Create a Simple App Bar.....	4-47
Interact with the App Bar	4-52
Add a Popup Menu.....	4-55
INDEX.....	INDEX-1

Table of Contents
