

WPF Training

Introduction to WPF (Windows Presentation Foundation Using C#)

- Why WPF?
- What Is WPF?
- .NET Framework 3.0 (WinFS)
- WPF Overview
- Application and Window
- A Simple WPF Application
- Using Visual Studio
- Brushes
- Panels

XAML

- Role of XAML
- Elements and Attributes
- Namespaces
- Property Elements
- Type Converters
- Content Property
- Collections
- XAML and Procedural Code

WPF Controls

- Button
- Label
- Text Box
- ToolTip
- Radio Button
- Checkbox
- List Box
- Combo Box

Layout

- Sizing
- Positioning
- Transforms
- Canvas
- Drawing Shapes
- StackPanel
- WrapPanel
- DockPanel
- Grid
- Scrolling
- Scaling

Dialogs

- Message Boxes
- Win32 Common Dialogs
- Custom Modal Dialogs
- Custom Modeless Dialogs

Menus and Commands

- Menus
- Context Menus
- Icons on Menu Items
- Commands
- Keyboard Shortcuts
- Disabling Menu Items
- Checking Menu Items

Toolbars and Status Bars

- Toolbars
- Toolbars and Commands
- Status Bars

Dependency Properties and Routed Events

- Dependency Properties

- Change Notification
- Property Value Inheritance
- Support for Multiple Providers
- Routed Events
- Routing Strategies

Resources

- Resources in WPF
- Binary Resources
- Logical Resources
- Static versus Dynamic Resources

Styles, Templates, Skins and Themes

- Styles
- Style Sharing
- Triggers
- Templates
- Templated Parent's Properties
- Skins
- Themes

Data Binding

- Binding Sources
- Sharing Sources with Data Context
- Data Templates
- Value Converters
- Collection Views
- Data Pro