

Windows Presentation Foundation Training



Move over the many online tutorials on WPF, the best ever live course is now here!

One of the most unique courses – the windows presentation foundation training course is an introduction of a new technology by the same name (WPF) for building rich Windows applications. It was originally part of .NET 3.0, previously called "WinFX" by

Microsoft. WPF includes an XML-based mark-up language for defining program elements, Extensible Application Mark-up Language (XAML). WPF applications can be created using only code or a combination of code and XAML pages.

As already established, WPF is a complex technology capable of having a steep learning curve. But there is no room for worry as our experts have taken utmost care to carefully design the course for all aspiring ITians. This course covers the essentials of WPF, providing an orientation to this technology and a firm foundation for creating applications. The focus is more on the practical approach, introducing the student to the fundamentals of creating Windows applications using the features of WPF.

Course Features

2-3 Hours

Weekends (Saturday/Sunday)
Trainer interactive training

2 Hours

of Daily practise, assignments by Trainers

300+ Assignments

Various assignments to practise on

30+ Videos

Access to WPF Video library

100+ PDFs | 100+ PPTs

Access Text based learning resouces

Course Stats

2 Trainers

Who are Software Programmers in various reputed companies, having 5+ years of Exp.

15 Professionals

Have attended this course

5 Projects

Projects professionals have completed successfully

15 Companies

Companies in which professionals are working

Ratings

4.9



15 total

Features of the courses offered

- Traditional concepts like controls and new concepts such as XAML, flexible layout, logical resources, dependency properties as well as styles, templates and data binding are included in this course
- The course is current to .NET 3.5 and Visual Studio 2008
- There is a large emphasis on hands-on with many example programs and lab exercises

Course goals

- Gain an understanding of the philosophy and architecture of WPF
- Create Windows applications using the classes provided by WPF
- Understand the principles of XAML and create applications using a combination of code and XAML
- Use the layout features of WPF to create flexible and attractive user interfaces
- Implement event and command-driven applications with windows, menus, dialogs, toolbars, and other common user interface features

Who all can learn

The course has been majorly designed for application architects and developers with relevant experience in the field. It is an added learning for all those developers who develop web applications in a Microsoft environment.

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Customized Corporate Private Trainings: We deliver all our courses as [Corporate Training](#) as well - if you are a group interested in the course, this option may be more advantageous for you.

Course curriculum

Introduction to WPF

- Why WPF?
- What Is WPF?
- .NET Framework 3.0 (WinFX)
- 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
- TextBox
- ToolTip
- RadioButton
- CheckBox
- ListBox
- ComboBox

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 DataContext
- Data Templates
- Value Converters
- Collection Views
- Data Providers
- Validation Rules

Threading

- Threading Principles
- Delegates and Threads
- Synchronization Issues
- creating a thread
- Background Worker
- Dispatcher

Job Profile

What will be your job profile after successful completion of this course

Post successful course completion, you will be able to learn the complex skill of Windows Presentation Foundation. You will be a certified WPF professional. More progressive in terms of the course material and practical exposure, the course has been designed for experienced application developers and architects. With a prior work experience and knowledge of C# and .Net framework, the course will ensure a higher position and broader work responsibilities at your workplace.

Tasks you will be able to perform

- Build rich Windows applications
- Create applications using a combination of code and XAML
- Create flexible and attractive user interfaces
- Implement event and command-driven applications with windows, menus, dialogs, toolbars, and other common user interface features

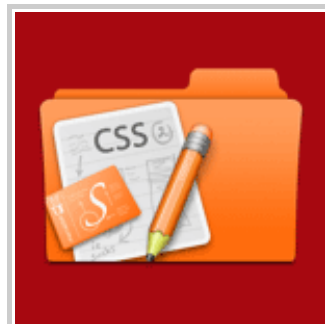
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Our WPF Faculty member possess following skills

- .Net C#
- .NET 4.0 - Windows and Web Application development
- SQL Server 2008 R2 - Experience in creating Stored Procedures, Performance tuning at database level. etc.
- Have Experience in - WCF, WPF, Entity Framework and LINQ. Secondary Skills: Managed Extensibility Framework (MEF)
- Web Services, Sub Version, Resharper
- Design, Build, Unit Test and document Windows and Web Based applications using Microsoft platform and technologies (C#, .NET, ASP.NET, SQL Server, MSMQ, WCF)
- Design, Build, Unit Test and document SOA based applications and Web Services using Microsoft platform and technologies

Other courses



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