

Kurs-Dokumentation



Zentrum für Informatik ZFI AG

Essentials of Developing Windows Store Apps Using C# (NW)

<http://www.zfi.ch/NWSC>

Weitere Infos finden Sie unter www.zfi.ch oder via Adresse:

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Titel	Essentials of Developing Windows Store Apps Using C#
Untertitel	
Einleitung	In this course students will learn essential programming skills and techniques that are required to develop Windows Store apps. This includes a combination of both design and development skills, as well as ensuring that students are comfortable using and making the most of the Visual Studio and Expression Blend tools.
Ihr Nutzen	After completing this course, students will be able to: <ul style="list-style-type: none">- Describe review the Windows 8 platform and features, and explore the basics of a Windows app interface. - Create the User Interface layout and structure by using XAML. - Use data binding to present data in the UI. - Implement the AppBar and layout controls. - Handle files and streams. - Respond to application lifecycle events using Process Lifetime Management and the PLM extensibility points provided by the Visual Studio 2012 templates. - Use templates to create the UI. - Handle navigation scenarios in a Windows Store app. - Design and implement contracts such as Search, Share and Settings. - Implement tiles and toast notifications in a Windows Store app.

	<ul style="list-style-type: none"> - Respond to mouse, keyboard and touch events, including gestures. - Deploy a Windows Store app to the Windows Store or an enterprise store.
<p>Voraussetzungen</p>	<p>Before attending this course, students must have:</p> <ul style="list-style-type: none"> - 1 or more years of experience creating applications. - 1 ? 3 months experience creating Windows client applications. - 1 ? 3 months experience using Visual Studio 2010 or 2012.
<p>Teilnehmerkreis</p>	<p>This course is intended for professional developers who have 1-2 years of experience creating client applications and who are comfortable programming in C# and have done some XAML-based programming.</p>
<p>Unterlagen</p>	
<p>Folgekurse</p>	
<p>Inhalt</p>	<ul style="list-style-type: none"> - Module 1: Overview of the Windows 8 Platform and Windows Store Apps Introduction to the Windows 8 Platform Windows 8 User Interface Principles WinRT and Language Projections - Module 2: Creating User Interfaces using XAML XAML Basics XAML Code-Behind Advanced XAML

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Module 3: Presenting Data
Working with Data Presentation Controls

The GridView Control

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Module 4: Implementing Layout using Windows 8 Built-In Controls
WinRT Controls

AppBar Control

Snapped and Fill

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Module 5: Handling Files in Windows Store Apps
Handling Files and Streams in Windows Store Apps

Working with File User Interface Components

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Module 6: Windows Store App Process Lifetime Management
Process Lifetime Management

Launching Windows Store Apps

Implementing a State Management Strategy

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Module 7: Working with Resources, Styles, and Templates

Creating Shared Resources

Creating Styles and Templates

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Module 8: Designing and Implementing Navigation in a Windows Store App

Handling Navigation in Windows Store Apps

Semantic Zoom

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Module 9: Implementing Windows 8 Contracts

Designing for Charms and Contracts

The Search Contract

The Share Contract

Managing App Settings and Preferences

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Module 10: Implementing Tiles and User Notifications

Implementing Tiles, Live Tiles, Secondary Tiles and Badge Notifications

Implementing Toast Notifications

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**Module 11: Designing and Implementing a Data Access Strategy
Evaluating Data Access Strategies**

Working with Remote Data

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**Module 12: Responding to Mouse and Touch
Working with Mouse Events**

Working with Gesture Events

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**Module 13: Planning for Windows Store App Deployment
The Windows Store App Manifest**

Windows Store App Certification

Enterprise App Deployment

Beitrag

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).