

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. |

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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).