Windows 8.1 What's New, Part 1 of 3: Dev Overview

Meet the expert: Mike Benkovich delivers technical presentations around the U.S. as a consultant, trainer, and former Developer Evangelist for Microsoft. He has worked in a variety of professional roles including architect, project manager, developer, and technical writer. Mike is also an author of two books, published by WROX Press and APress, that show developers how to get the most from their SQL databases. Since appearing in the 1994 Microsoft DevCast, Mike has presented technical information at seminars, conferences, and corporate boardrooms across America.

Prerequisites: This course assumes that students have some programming background and experience using Visual Studio 2010/2012 and C# or Visual Basic. In addition, the course assumes some basic knowledge of XAML markup and basic knowledge of Windows store applications and Windows 8.

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Course description: Microsoft calls Windows 8 as Windows reimagined, with a new and improved way of interacting with your data and systems, where Touch is a first class citizen. With Windows 8.1 they have refined the experience and delivered a platform that has some great improvements for performance, integration and security. In this course we will look at what is new in Windows 8.1 and see how we can get started with the tools for building applications that look good and run great. We will take a look at the tools and the templates available and get started building an application from scratch.

Course outline:

Overview
- Introduction
- Architecture Overview
- Tools - Visual Studio 2013
- Tools - Blend 2013
- Why Target Windows 8.1?
- Windows 8 APIs
- New Windows 8.1 Features
- Performance Improvements
- New Templates & Artifacts
- Demo: Hub Template
- Demo: MapMode
- Demo: Hub Page
- Summary

Blend
- Introduction
- Hub Sections
- Demo: Hub Sections
- Demo: Adding Header
- Demo: New Hub Section
- Demo: Running
- Summary

Working with Data
- Introduction
- Working with Data
- Demo: DatePicker
- Demo: Hub View Control
- Demo: Agendas
- Demo: Running
- Summary

Flyout
- Introduction
- Settings
- Demo: Flyout
- Demo: Saving a Setting
- Summary

Debugging and Deploying
- Introduction
- Debugging & Deploying
- Demo: Debugging
- Demo: Emulator
- Demo: Remote Tools
- Demo: Store Packages
- Summary