An overview of the ArcGIS API for Microsoft Silverlight/WPF

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Agenda

- Overview
- Road Map
- Getting Started
What is the ArcGIS API for Microsoft Silverlight/WPF?

• Powerful Web and Desktop Mapping API
• Designed for the Silverlight and WPF Platforms
• Utilize ArcGIS Server, Bing Maps services

• Silverlight provides cross browser support
• WPF supports native 64 bit (x64) platforms

• Integrates with Microsoft development environments
Requirements (v1.x)

• Tooling
  – Microsoft Visual Studio 2008 SP1
    • Silverlight Tools for Visual Studio 2008 SP1 (add-on)
    • Expression Blend 3 SDK
  – Expression Blend 3

• Platforms
  – Silverlight 3
  – .NET 3.5 sp1
Libraries

- **ESRI.ArcGIS.Client.dll**
  - Map, ArcGIS Service Layers, Graphics, Geometry, Symbols

- **ESRI.ArcGIS.Client.Bing.dll**
  - Adds support for using Bing layers and services

- **ESRI.ArcGIS.Client.Behaviors.dll**
  - Element defined interactivity with a Map and its contents

- **ESRI.ArcGIS.Client.Toolkit.dll**
  - Common set of controls for map interaction
  - CodePlex URL: [http://esrisilverlight.codeplex.com](http://esrisilverlight.codeplex.com)
IDE Integration

- Design-time support in Expression Blend
- Application templates
Getting Started

• Resource Center
  – Interactive SDK
  – Documentation
  – Samples
• CodePlex

• Demos
  – Build a simple application
  – Customize a template
Road Ahead

• V 2.0 public beta available April 2010

• Supports
  – Silverlight 4
  – .NET 3.5, 4.0
  – Visual Studio 2010
  – Expression Blend 4

• New features
  – Web editing
  – Time awareness
  – Supports new functionality in ArcGIS Server 10
More Silverlight/WPF sessions!

• **Working with the ArcGIS API for Microsoft Silverlight/WPF**
  – **Wed 2:45pm** Primrose B (PSCC)

• **Patterns and Best Practices for Building Applications with the ArcGIS API for Microsoft Silverlight/WPF**
  – **Thu 8:30am** Primrose B (PSCC)

• **Working with the ArcGIS API for Microsoft Silverlight/WPF**
  – **Thu 1:30pm** Catalina/Madera (Renaissance Hotel)
Questions?

Thank you

*Remember to fill out a survey!*