Building Applications with ArcGIS Runtime SDK for Windows Phone

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Agenda

- Introduction
  - Platform
  - Product
- Getting Started
- Demos
- Marketplace
- Road Ahead
ArcGIS is a Complete System
Managing and working with geographic information

- Online (public or private cloud)
- Server (on premises or private cloud)
- Desktop
- Mobile/devices
- Content

- Visualize
- Create
- Collaborate
- Discover
- Manage
- Analyze

Many deployment options
## Apps and SDKs

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### Windows Mobile
- Apps: ArcGIS, ArcGIS Explorer
- Runtime SDK: .NET CF

### Windows/
- Apps: ArcGIS
- Runtime SDKs: WPF, Java

### Windows Phone 7
- Apps: ArcGIS
- Runtime SDK: Silverlight

### iOS
- Apps: ArcGIS for iOS
- Runtime SDK: Objective C

### Android
- Apps: ArcGIS
- Runtime SDK: Java

### Linux
- Apps: ArcGIS
- Runtime SDK: Java
Microsoft’s Windows Phone Platform

- Windows Phone 7.5 (Mango)
- Windows Phone SDK 7.1
  - Silverlight, XNA
- 7.5 Refresh, SDK 7.1.1
  - Low end devices
  - Windows 8 consumer preview
- Marketplace
  - 100,000+ apps
- Future
  - Windows Phone 8
ArcGIS Runtime SDK for Windows Phone

- Powerful Windows Phone Mapping API
- Use ArcGIS Server/Online services
- Full Touch/Gesture support
- Integrates with Microsoft development environments
- Free download
Requirements

- Windows Phone SDK 7.1
  - Microsoft Visual Studio 2010
  - Expression Blend 4
  - Deployment Utility
  - Emulator

- Windows Phone

- Vista and Windows 7 operating systems
Capabilities

- Visualization with Map control
- Editing
- Tasks
  - Query, Find, Identify, Address Locator, Geometry, Geoprocessing, Route
- Consume geospatial services
  - ArcGIS Server \ArcGIS Online
- Search and use web maps
Getting Started

Resource Center  Download  Build App

ArcGIS API - Windows Phone
Demo
Anargyros Tomaras
Deploying your app

• Read ESRI’s licensing agreement
• Include attribution
• Fill out deployment questionnaire & email it to arcgis4windowsphone@esri.com
• Publish to Windows Phone Marketplace
  - Or publish to developer phones with Windows Phone deployment utility
Attribution Requirements
For Custom Applications

- Attribution in About or Credits
  - API
  - Data

- Esri logo on map screens
  - When using ArcGIS Online basemap
Publishing to the Marketplace

App Hub
- Account
- Tools
- Publish

Certification
- Reliable
- Efficient
- Safe

Marketplace

Developer

Users

Feedback
Road ahead

- Configurable Apps
- 3D Capabilities
- Offline Functionality
- New Platforms and APIs
- Release strategy
Road ahead for Windows Phone

- v3.1 – Fall 2012
  - Enhanced support for ArcGIS Server 10.1 SP1 and ArcGIS Online
- Windows Phone 8 coming soon!
More ArcGIS for Windows Phone sessions!

- ArcGIS
- Road Ahead – ArcGIS for Mobile Devices
  - *Wednesday* July 25, 10:15am - Ballroom 06 B
  - *Thursday* July 26, 10:15am - Ballroom 06 B
• Thank you for attending
• Have fun at UC2012
• Open for Questions

• Please fill out the evaluation:
  
  www.esri.com/ucsessionsurveys

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