Developing Mapping Applications for the Windows Store

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Agenda

• Runtime form factors
• Building a Windows Store app
• Getting your app in the store
• What’s in the beta
• Road Ahead
Runtime form factors

- Desktop
  - OS X
  - WPF
  - QT

- Phones and tablets
  - Windows Store
  - Windows Mobile
  - JavaSE
  - iOS
  - Android
  - Windows Phone

- Embedded
  - Windows Phone
  - iOS
  - Android
  - Windows Mobile
  - JavaSE
Building a Windows Store app
Review

• Adding references
  - Add reference to “Microsoft Visual C++ Runtime Package”
  - Do not build for AnyCPU – use x86, x64 or ARM specifically

• App manifest requirements (package.appxmanifest)
  - ArcGIS servers on the Internet: “Internet (client)“ capability.
  - ArcGIS servers on your intranet: “Private Networks” capability.
  - Location display: “Location” capability.
  - Domain credentials: “Enterprise Authentication” capability *
  - PKI Security: “Shared User Certificates ” capability *

Getting your app in the Windows Store

• Store deployment
  - Capabilities
  - Privacy policy
  - Snap view
  - “WACK” your app (Windows App Certification Kit)

• Consider: Charms integration, portrait mode, live tiles & secondary tiles.
What’s in the beta

- Map
  - Location display
- Layers
  - ArcGIS Server map, feature, and image services
  - Graphics layers, feature layers
  - Bing, CSV, WMS
- Graphics
  - Support for symbols and renderers from ArcGIS REST spec
- Geometry
  - Geometry engine for performing local geometric operations
- Tasks
- Portal
Road Ahead

• 10.2 Final in June 2013
• GitHub
  • Interactive SDK updates
  • Sample app source code
• Parity with ArcGIS Runtime SDK 10.2 for Windows Phone
Resources

- **SDK Download, forums, library reference:**
  - [http://esriurl.com/winstore](http://esriurl.com/winstore)

- **GitHub source code:**
  - [http://esriurl.com/winstoretoolkit](http://esriurl.com/winstoretoolkit)
  - [http://esriurl.com/winstoresamples](http://esriurl.com/winstoresamples)

- **Microsoft Windows Store app introduction - concept doc and videos:**

- **Three Essential Tips for Async:**
Questions?

Please fill out your session surveys

www.esri.com/devsummit

1. Enter the key phase from the session title
2. Select session
3. Enter Offering ID: 300

@ArcGIS_Runtime

http://esri.github.com/#WinStore