ArcGIS for SharePoint, An Introduction

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Agenda

- Welcome / Introductions
- ArcGIS for SharePoint
- Demo
  - Working with the product
- Road map
ArcGIS for SharePoint

- Rich, Configurable mapping for SharePoint
  - Create rich, interactive SharePoint sites quickly and easily
  - Familiar User Experience to both SharePoint and ArcGIS users
  - Configurable Out of the Box tools
  - Extensible
What can you do with ArcGIS for SharePoint

- Visualize your data in new ways
  - Mashup your data with ArcGIS Services
- Spatially enable your SharePoint data
  - Match addresses to a location on the map
- Create Purpose-specific solutions
  - Leverage SharePoint permissions for access
- Perform analysis with your data
- Much, Much, more…
Visualize your data in new ways

ArcGIS Map Web Part

- Rich display of your data using an Interactive Map
  - ArcGIS Services
    - ArcGIS.COM
    - WebMaps
  - Spatial Data Services
  - SharePoint Lists
- Interactively configure symbology
Review: Data Content in a Map

Common design pattern

- **Base Maps**
  - Geographic frame of reference
  - Contain static data

- **Operational layers**
  - Information overlays that end uses interact with
  - Contain dynamic data

- Operational layers display on top of Base Maps
ArcGIS Map Web Part – View Data in Table
Spatially enable your SharePoint Data

Geocoding Workflow

- Find the geographic coordinates of addresses stored in SharePoint lists
- SharePoint workflow
  - provides an experience that will be familiar to many SharePoint users
Geocoding Workflow

- Configurable Locators
- Automated geocoding
  - when a list item is changed or added.
- Interactively select the best address candidate match
  - using the Location Field
- Track the status of candidate selection
Working with maps in SharePoint
Create Purpose-specific solutions

WYSIWYG Design time and Configurable Ribbon

• Clean distinction between Design-time and Run-time
  - Designer, User
• Designers can now configure Items on SharePoint’s Ribbon
  - Limit access to tools, map configuration, and ribbon elements
• Users are limited access to what Designers allow
Out of the Box Tools

- Editing
- Search
- Selection
- Map Contents with Legend
  - Contents, Layer List
  - Legend modes
  - Ability to specify layers
- Configurable Controls
- More…
Perform Analysis on your data

Using ArcGIS Geoprocessing

- Geoprocessing
  - Work with simple to advanced capabilities using ArcGIS
    - On-Premise using ArcGIS for Server
    - In the Cloud with ArcGIS.COM
Adding more…

Extending ArcGIS for SharePoint

• Add-Ins: Extensibility points
  - Tools: Button on the ribbon
  - Behaviors: Hook to events on the Map, etc

• Create Add-Ins using the ArcGIS API for Silverlight

• Share Add-Ins with Silverlight Viewer

• Samples on the Interactive SDK
  - More to come.
Road Map

• V2.0 available now
  - Resource Center download

• V2.1 Beta 1 available now

• V2.1 Beta 2 – August, 2011

• Final Release: ~October 2011
Road Map - What’s New in Beta 2

• Layer Enhancements
  - On-Demand Feature Retrieval
  - Auto-Update of dynamic map service layers and feature layers
• Browse Enhancements:
  - Ability to specify the URL to a layer/GP task directly
  - Accelerated performance
• Web Map 1.2 Support: Symbols, popups
• Configurable Map Contents with Legend Capability
  - Contents, Layer List, Legend modes
  - Ability to specify layers
Road Map - What’s New in Beta 2

- Pop-Ups with Identify Capabilities
- Editing
- Configurable Controls
- Attribute Table: Show selected/not selected/all options
- Simplified User Experience for Add Tool, Add Geoprocessing, Manage Toolbars
- Adding layers with Secured Services
- Extensibility install for easy Add-In development
Road Map – v2.1 Final

- SharePoint Online Support
- Custom Layers
- New Tools
  - Bookmark, Time slider, Measure
- Performance, Quality and User Experience improvements
Questions

Please fill out your surveys