Esri International User Conference | San Diego, CA

Technical Workshops |

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**

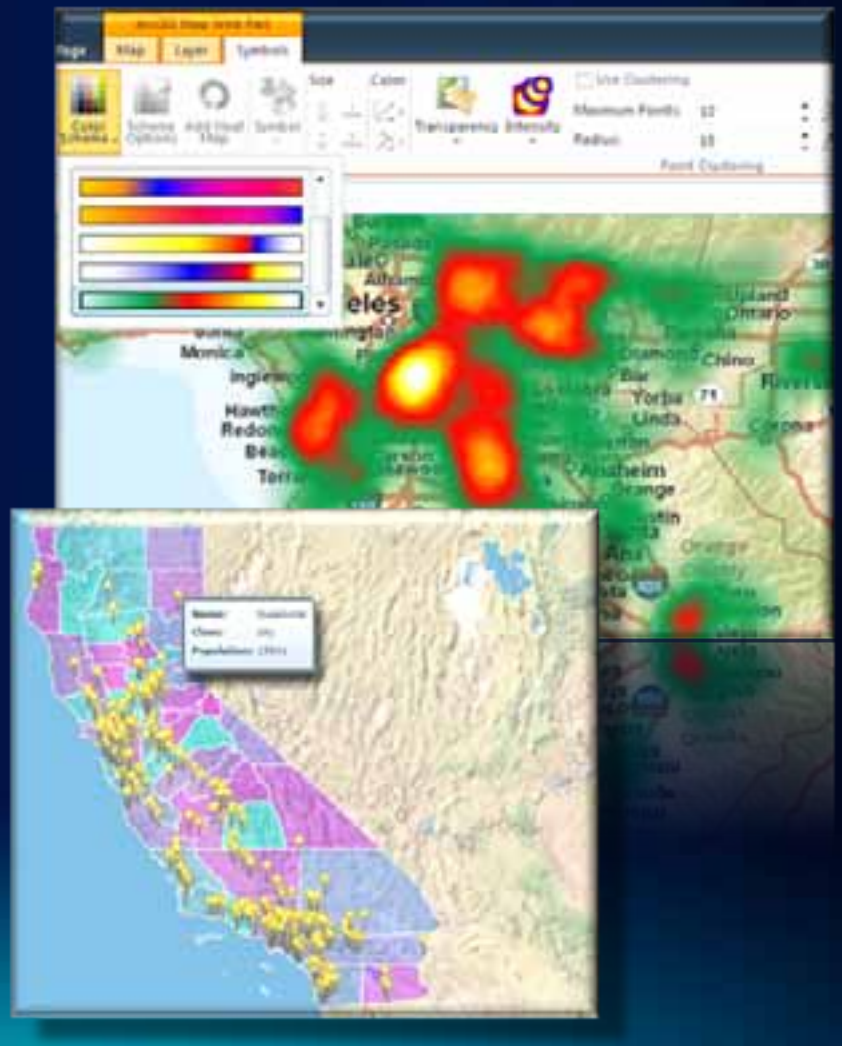
What can you do with ArcGIS for SharePoint

- 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

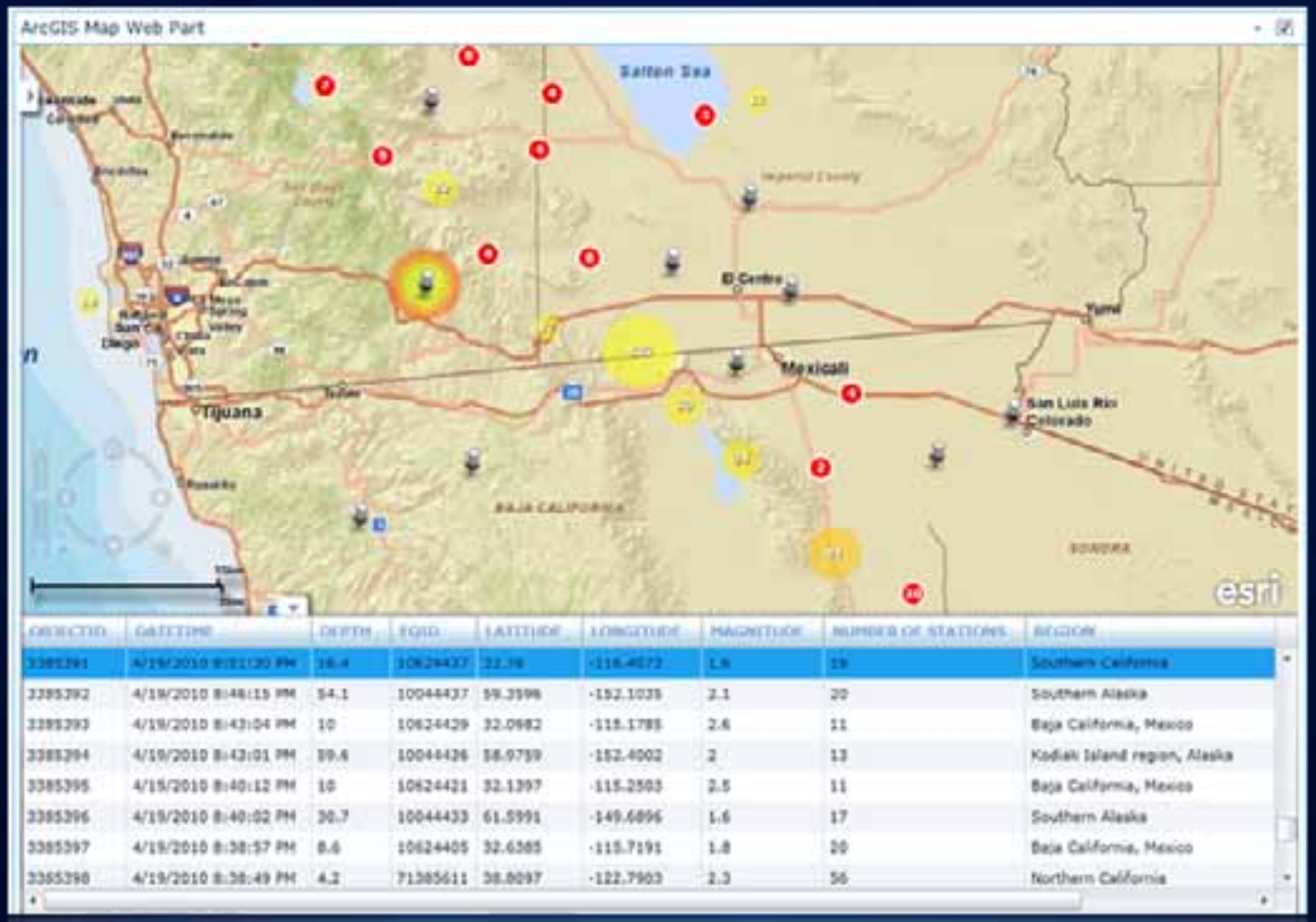


Review: Data Content in a Map

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

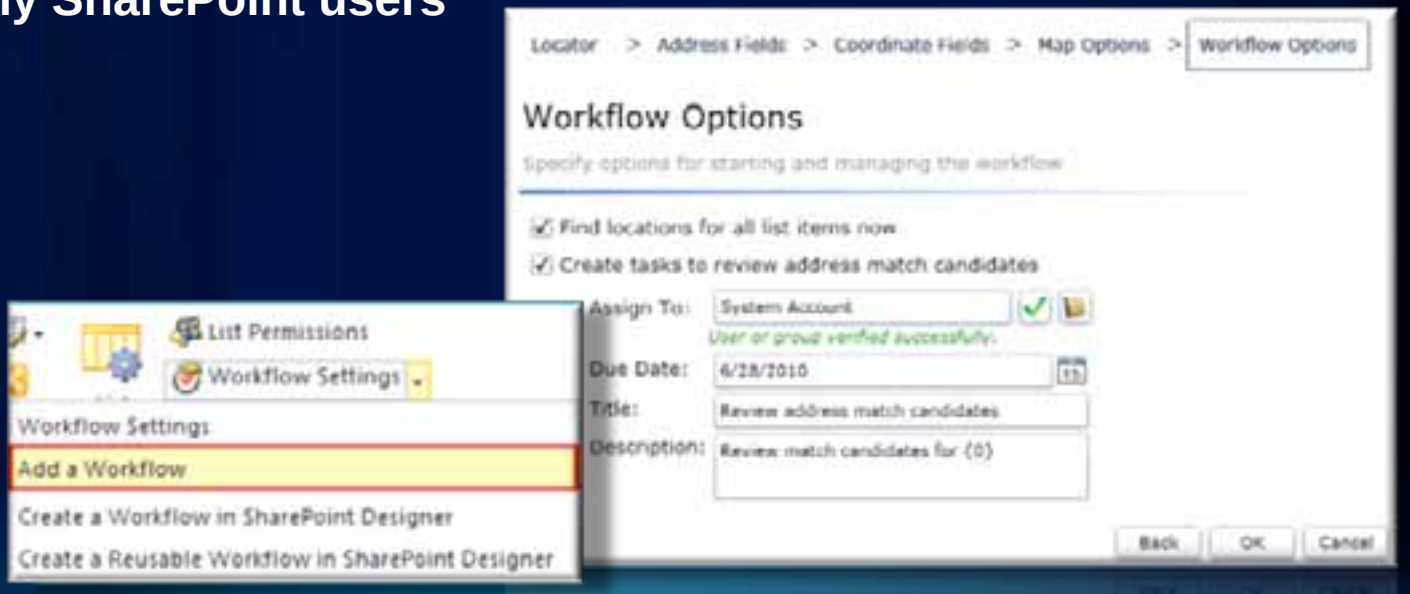


OBJECTID	DATETIME	DEPTH	EQID	LATITUDE	LONGITUDE	MAGNITUDE	NUMBER OF STATIONS	REGION
3385391	4/19/2010 9:01:20 PM	16.4	10624437	32.78	-116.4072	1.6	19	Southern California
3385392	4/19/2010 8:48:19 PM	54.1	10044437	59.3596	-152.1035	2.1	20	Southern Alaska
3385393	4/19/2010 8:43:04 PM	10	10624429	32.0982	-115.1785	2.6	11	Baja California, Mexico
3385394	4/19/2010 8:43:01 PM	39.6	10044436	58.9759	-152.4002	2	13	Kodiak Island region, Alaska
3385395	4/19/2010 8:40:12 PM	10	10624421	32.1397	-115.2503	2.5	11	Baja California, Mexico
3385396	4/19/2010 8:40:02 PM	30.7	10044433	61.5991	-149.6896	1.6	17	Southern Alaska
3385397	4/19/2010 8:38:57 PM	8.6	10624405	32.6585	-115.7191	1.8	10	Baja California, Mexico
3385398	4/19/2010 8:38:49 PM	4.2	71385611	38.8097	-122.7903	1.3	56	Northern California

Spatially enable your SharePoint Data

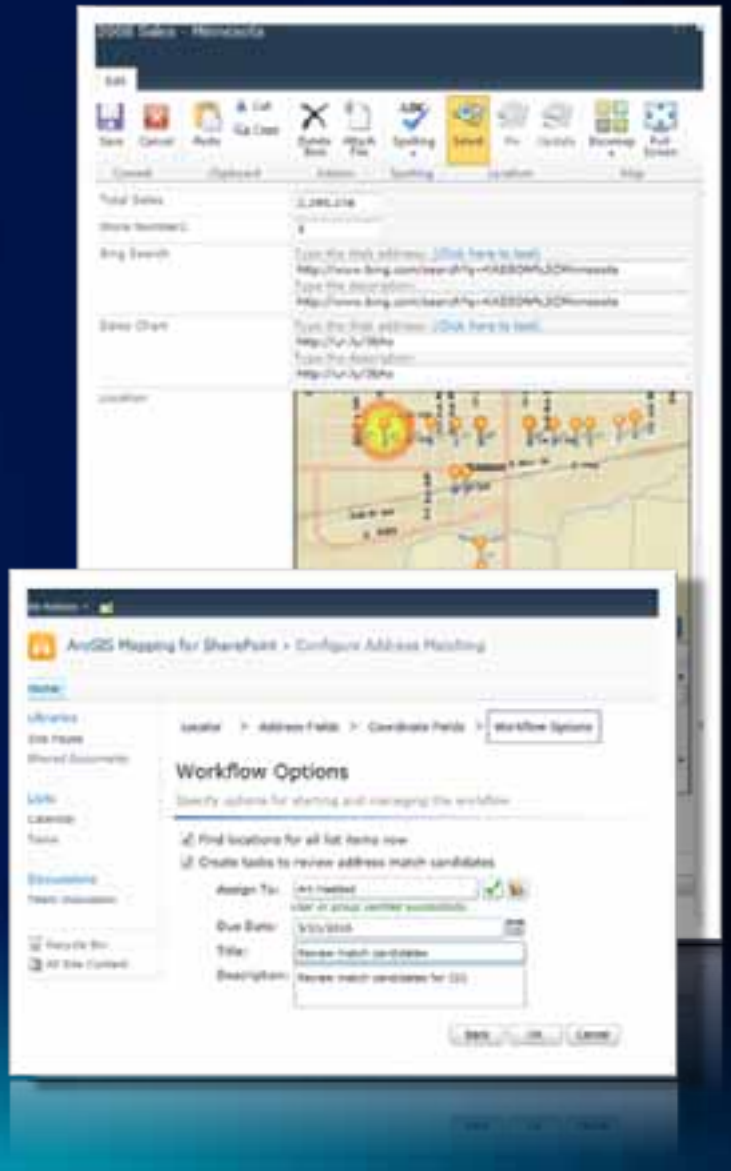
Geocoding Workflow

- 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

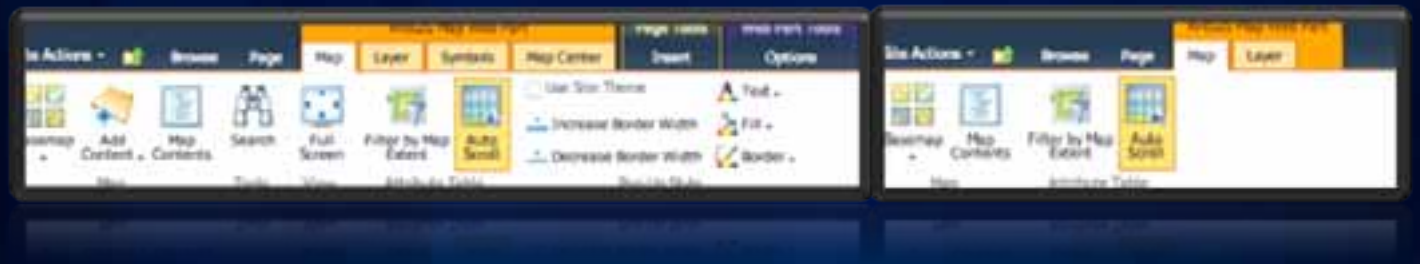


Working with maps in SharePoint

Create Purpose-specific solutions

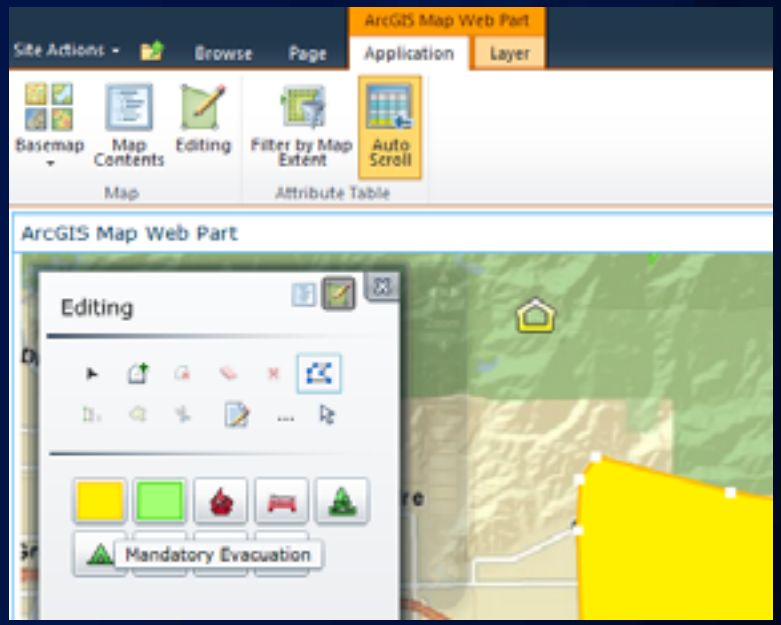
WYSIWYG Design time and Configurable Ribbon

- 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

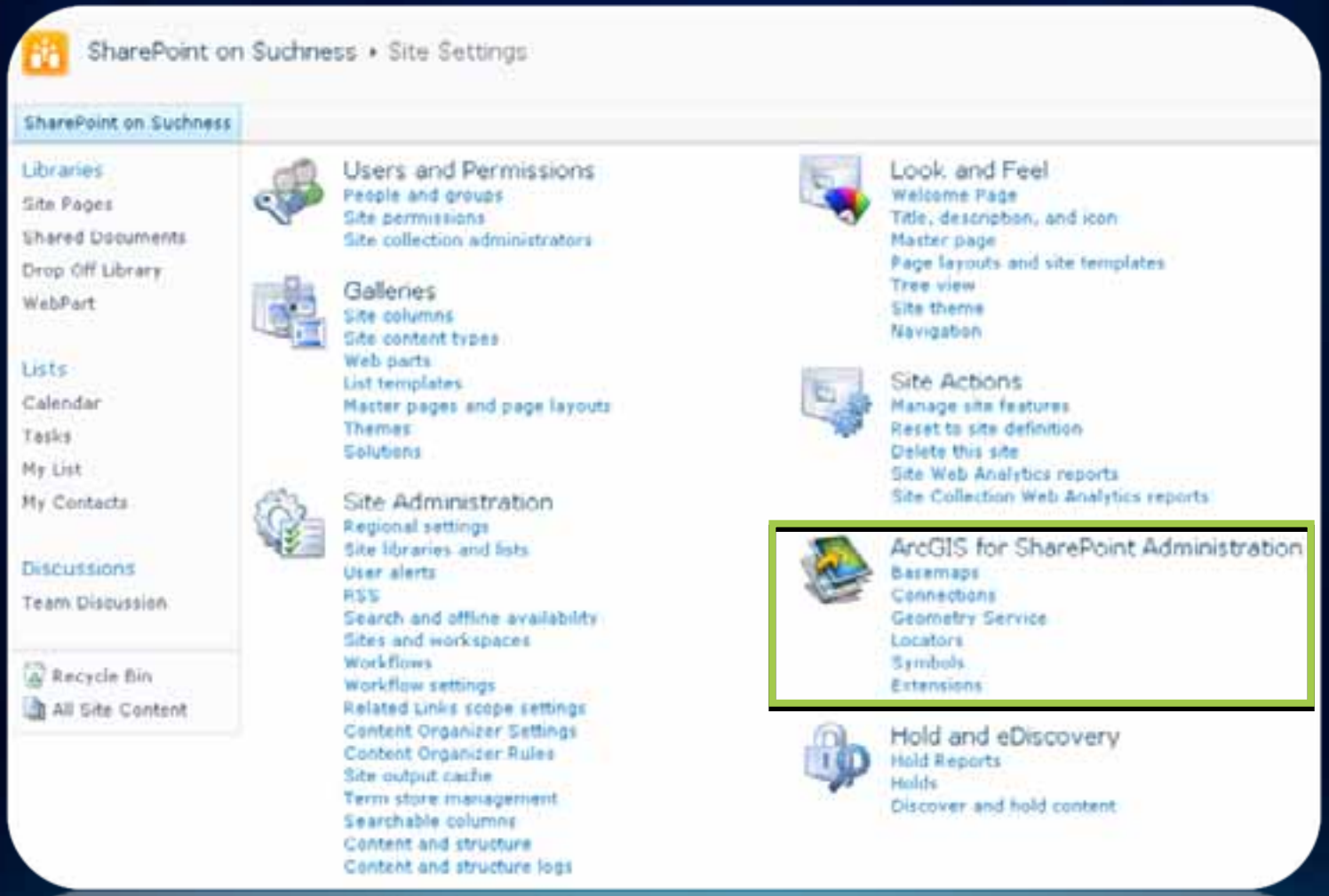
- Geoprocessing
  - Work with simple to advanced capabilities using ArcGIS
    - On-Premise using ArcGIS for Server
    - In the Cloud with ArcGIS.COM

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.

Administration



Working with ArcGIS for SharePoint

Rich Zwaap

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

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