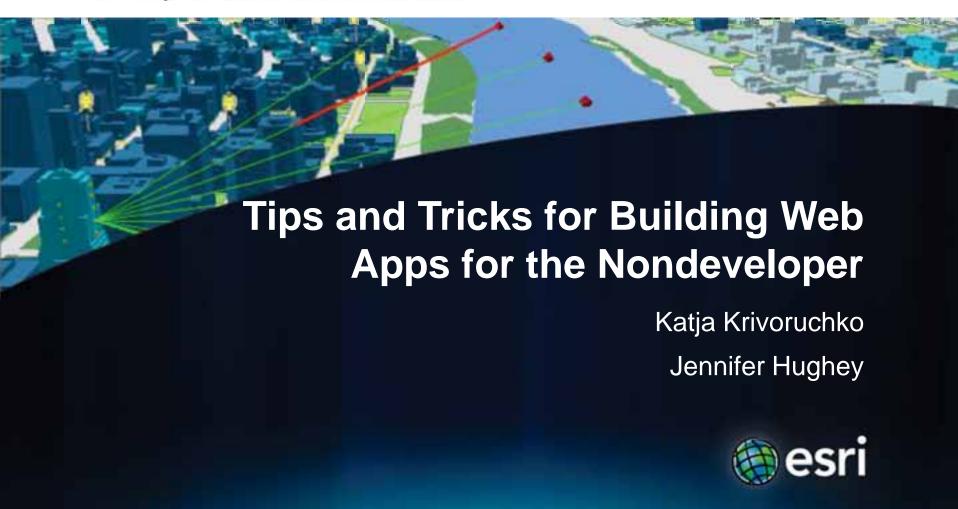
Esri California · Hawaii · Nevada Regional User Group Conference

February 23-24, 2011 • Esri • Redlands, CA



Agenda

- The ArcGIS System
- Getting started with ArcGIS templates
- Configuring applications for the web
- Enabling field information with configurable mobile applications
- Integrating ArcGIS for Sharepoint

ArcGIS 10 — A Complete System

Easier
More Powerful
and Everywhere

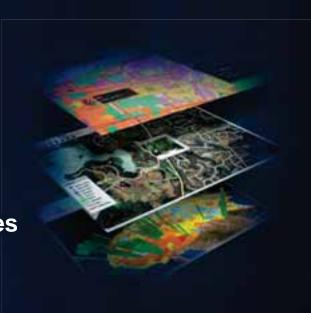


ArcGIS is an online system



ArcGIS Online includes

- Maps
 - Basemaps, maps, layers
 - Map templates
- Applications
 - Web & mobile
 - Code and application templates
- Tools
 - Locators, gazetteers
 - Tasks
- Software
 - ArcGIS Web mapping APIs
 - Online applications (e.g., BAO, Explorer Online)



ArcGIS Online Maps

ESRI Maps

- Developed and maintained by ESRI
- Imagery, streets, demographics
- Community Maps
 - Jointly developed by ESRI and ArcGIS users
 - Topographic map, International street

User Maps

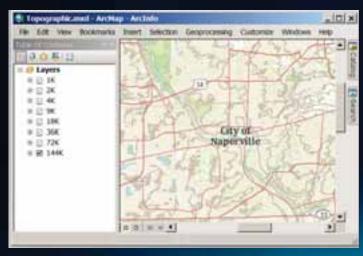
- Developed and maintained by ArcGIS users
- May be managed (hosted) by user or ESRI



Map Templates

- Contain best practices for publishing your data
- Are used in ArcGIS Online maps
- Are well designed for Web and mobile applications
- Are downloadable, ready to use, plug-in your data

Local Government Topographic

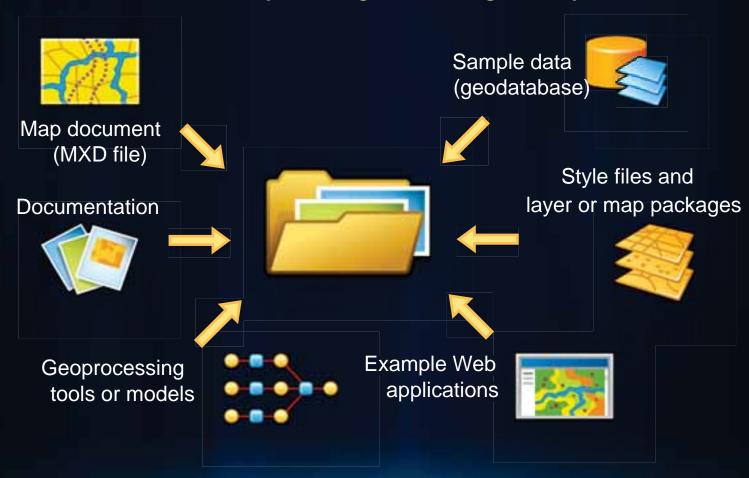


World Topographic Map



What is included with a Map Template?

A collection of resources for producing a well-designed map



Industry focused templates

- Contain maps and applications that will help you get started in a specific industry
 - Community Maps
 - Defense & Intelligence
 - Electric & Gas
 - Hydro
 - Local Government
 - Roads & Highways
 - Telecommunications
 - Water Utilities

Geodatabase

- Contain best practices for geodatabase design
- Each data model includes...
 - An example case study implementation
 - A small sample database
 - A geodatabase template for importing the data model
 - A white paper explaining the design
 - Data model poster
 - Tips and tricks on how to utilize the data model from the case study

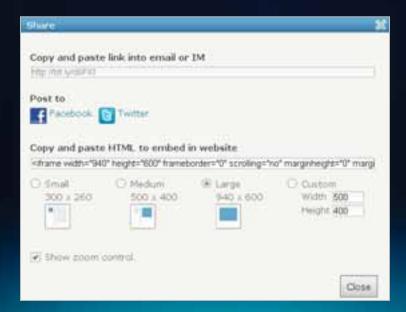
Demo

Configurable web applications



ArcGIS.com Viewer

- Allows users to create and share maps
 - Use any accessible ArcGIS Server
 - Embed maps from ArcGIS.com into your website
- Maps are hosted on ArcGIS.com
- Built using ArcGIS API for JavaScript

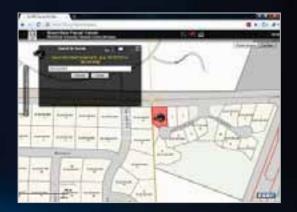


Demo

ArcGIS Viewer for Flex

- Downloadable Web application
 - Installed and maintained on-premise
- Configurable application
 - Configure out-of-the-box widgets
 - Download and configure user widgets
 - No programming experience required
- Can also be customized
 - Customize existing widgets
 - Create and distribute your own widgets
 - Advanced programming skills required
- Built using ArcGIS API for Flex





Configuring ArcGIS Viewer for Flex

- Two types of XML configuration files:
 - Application level
 - Widget level
- Use application configuration file to specify:
 - Basemaps
 - Operational layers
 - Widgets
- Use widget configuration files to specify:
 - Widget-specific parameters

Demo

Enabling your mobile workforce

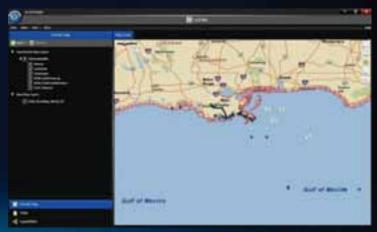
- Improve field productivity
 - Use maps to make decisions
 - View location of real-time information
 - Route and navigate using maps
- Maintain operational data
 - Inspect assets
 - Collect accurate locations
 - Capture observations
 - Record events
- Facilitate accurate operational awareness
 - Real-time locations
 - Wireless synchronization



Mobile applications for the non-developer

- Light weight devices
 - ArcGIS for iOS
 - BAO for iOS
 - ArcGIS for Windows Phone
 - ArcGIS for Android
- ArcGIS Mobile Project Center
 - Configure ArcGIS Mobile applications



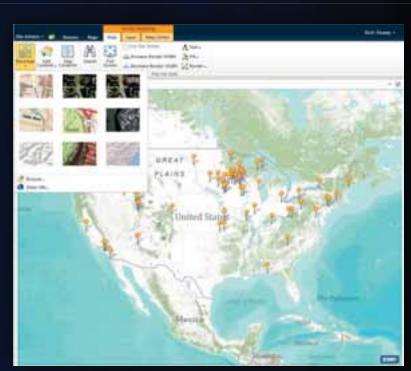


Configurable mobile application on ArcGIS.com



ArcGIS Mapping for SharePoint 2.0

- Enables the creation, display, and sharing of information within SharePoint
- Includes a configurable web part
- Uses data from
 - ArcGIS Server, ArcGIS Online,
 Bing Maps, SharePoint List &
 Form Libraries, SQL Server
 (BCS/SDS)
- Integrated with SharePoint 2010



Access tabular information

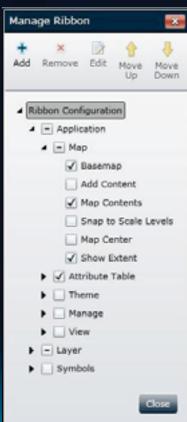
- Query features
- Select records
- Render features using attribute values
 - Class breaks
 - Unique values



Customizable run-time

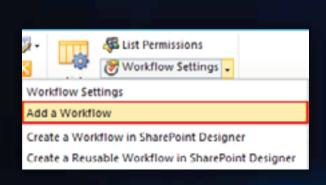


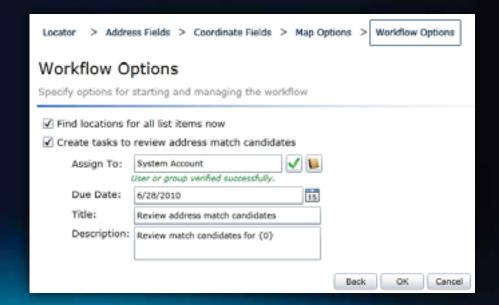
- Configure Items on SharePoint's Ribbon
 - Allow access to tools, map configuration, and ribbon elements
 - User functionality is defined by configured features



Locate Addresses Workflow

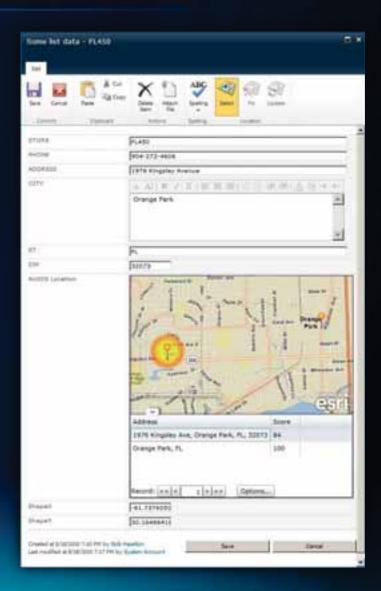
- Used to find the location of addresses stored in SharePoint lists
- Create a SharePoint workflow to locate addresses
- Can be used with ArcGIS Online or your Geocoding Service





Locate Addresses Workflow

- Automatic updates
 - 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



ArcGIS Mapping Administration



ArcGIS Mapping for SharePoint @ VS Live . Site Settings

Home

Libraries

Sée Pages

Shared Documents

Lists

Calendar

Tasks

Addresses (Sales Data)

MyAddresses

VSL/vel11

Demo1

Discussions

Team Discussion



All Site Content



Users and Permissions

People and groups Site permissions

Site collection administrators



Galleries

Site columns Site content types Web parts Liet templates Master pages Themes Solutions



Reporting Services

Manage Shared Schedules Reporting Services Site Settings



Site Collection Administration

Administration
Search settings
Search scopes
Search keywords
FAST Search keywords
FAST Search site promotion and
demotion
FAST Search user context
Recycle bin
Site collection features
Site hierarchy
Site collection euclid settings
Audit log reports
Portal site connection
Site collection policies

Cuntent type publishing

Visual Upgrade Help settings

SharePoint Designer Settings



Look and Feel

Title, description, and icon Quick leunch Top lick bar Tres view Site theres



Site Actions

Manage site features Save site as template Reset to site definition Delete this site Site Web Analytics reports Site Collection Web Analytics reports



Site Administration

Regional settings

Site libraries and lists
User alerts
RSU
Search and uffline availability
Sites and workspaces
Workflows
Workflows
Workflow settings
Related Links scope settings
Term store management

ArcGIS Mapping Administration

Besemaps Connections Geometry Service Locators Symbols Extensions



Extending ArcGIS Mapping for SharePoint

- Geoprocessing
 - Add geoprocessing tools to the interface
 - Samples for common tools available online
- Extend the Web Part using the ArcGIS API for Microsoft Silverlight





Demo

Summary

- ArcGIS is a complete system
- Templates provide a starting point for creating maps and applications
- Configurable web application help you deploy applications faster
- Configurable mobile applications enable field maps and data collection
- SharePoint delivers maps and workflows to non-GIS users within you organization

