Creating Web Applications with ArcGIS

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Agenda

- Intelligent web maps
- Creating a web map
- Sharing web maps
- Building web applications
- Summary
ArcGIS Online

*Find, create, and share geographic information*

- GIS for everyone
  - *Empowering the non-GIS expert!*
- Public and Private Groups
- Hosted Web applications:
  - ArcGIS.com Viewer
  - ArcGIS Explorer Online
- Map templates
ArcGIS.com viewer and ArcGIS Explorer Online

Two viewers – similar functionality

- **ArcGIS.com viewer**
  - JavaScript Application
  - View presentations

- **ArcGIS Explorer Online**
  - Silverlight Application
  - Create and view presentations
  - Dashboard
What is a web map?
The foundation for your maps and applications

Intelligent Maps

Supporting
- Visualization
- Editing
- Popups
- Analysis
- Time

Services And Data
One web map can be used anywhere

Any Device

Smart Phones

Tablets

Desktop

Web Sites

Browsers

One Map

ArcGIS Online
Share your web map

- Link to another web site or blog
- Facebook or Twitter

One web map – many uses
ArcGIS Online templates

- Easily create a web application for a web map with predefined templates
Demo
With Bern and Jeremy
ArcGIS’ ready-to-use Configurable Web Apps

ArcGIS Viewer for Flex
ArcGIS Viewer for Silverlight
ArcGIS for SharePoint

http://resources.arcgis.com/content/web/web-apps
ArcGIS Viewer for Silverlight

Built on the ArcGIS API for Silverlight

- Easily and quickly build Web applications
- Includes Application Builder
  - WYSIWYG user experience
- No programming, nor configuration file editing
- Ideal for novice Web application creators
- Extensible with Silverlight API

Currently beta 2 release

betacommunity.esri.com
ArcGIS Viewer for Flex

*Built on the ArcGIS API for Flex*

- Configure application via XML files
  - Look and feel
  - Capabilities
  - Content
- Ideal for focused/vertical applications
- Extensible with Flex API

Formerly ‘Sample Flex Viewer’, now fully supported

esri.com/flexviewer
ArcGIS for SharePoint

**Configurable Map part**

- Includes several components
  - Map Web Part
  - Geocoding Workflow
  - Location Field
- Ideal for
  - Spatially enabling SharePoint data
  - Adding GIS to your business data

[esri.com/sharepoint]

*Install as another configurable Microsoft SharePoint part*
Summary

- Intelligent Web Map
  - Foundation for your maps and apps
  - Can be leveraged in many ways

- ArcGIS offers may ready-to-deploy solutions for creating Web applications
  - All of them work with Web Maps

- Online evaluations
  [www.esri.com/sessionevals](http://www.esri.com/sessionevals)