Federal GIS Conference

February 25–27, 2013 | Washington, D.C.

esri

Enhancing Delivery of Web Maps with Application Templates

James Tedrick

Owen Evans

Agenda

- What’s a template?
- Web Maps
- Publishing apps
- Registering custom apps
- Creating & using custom app templates
- Bonus Round!

TEMPLATE

Work done now…

…to save time later

Demo

Template Tour…

Owen

Green Building Projects

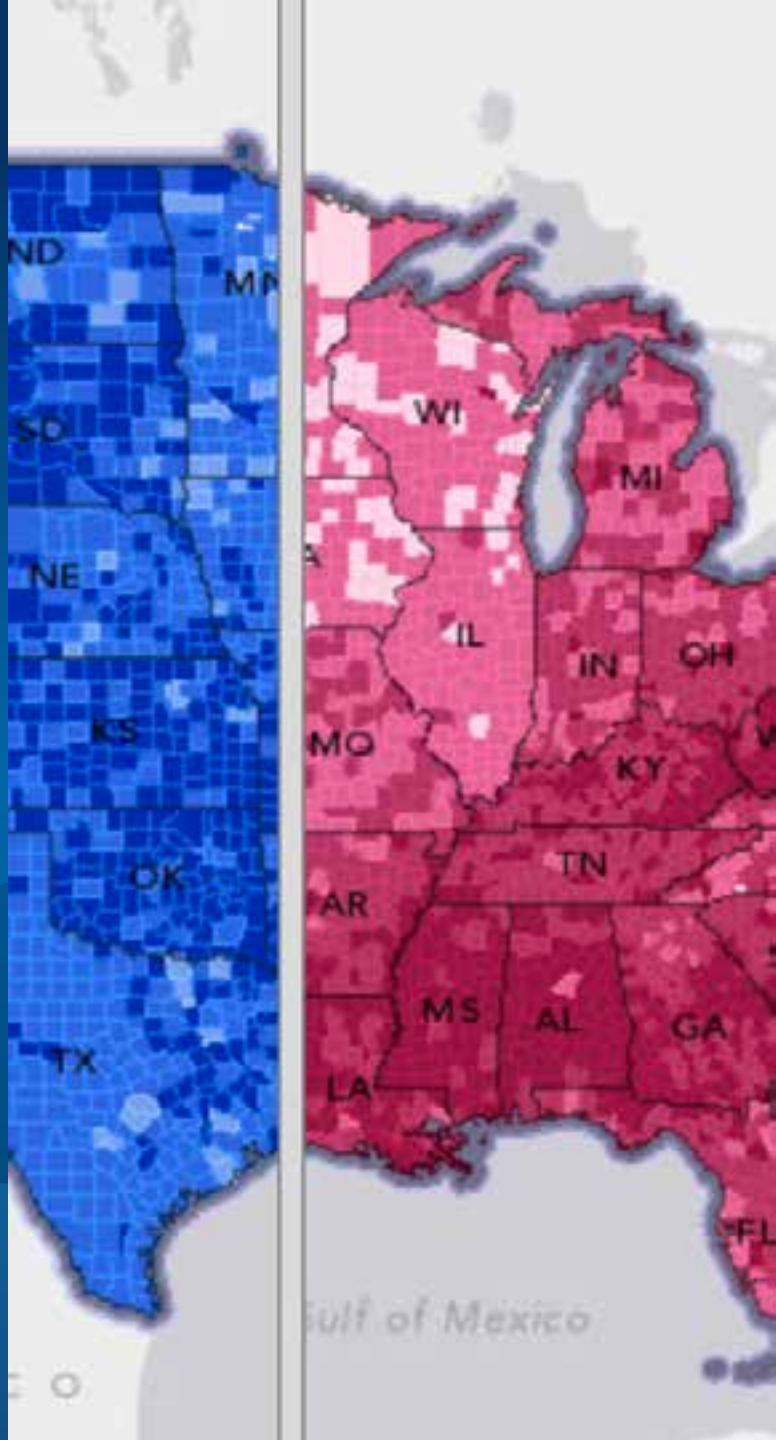
Storytelling Shortlist …

Storytelling Map Matrix …

Storytelling Text and …

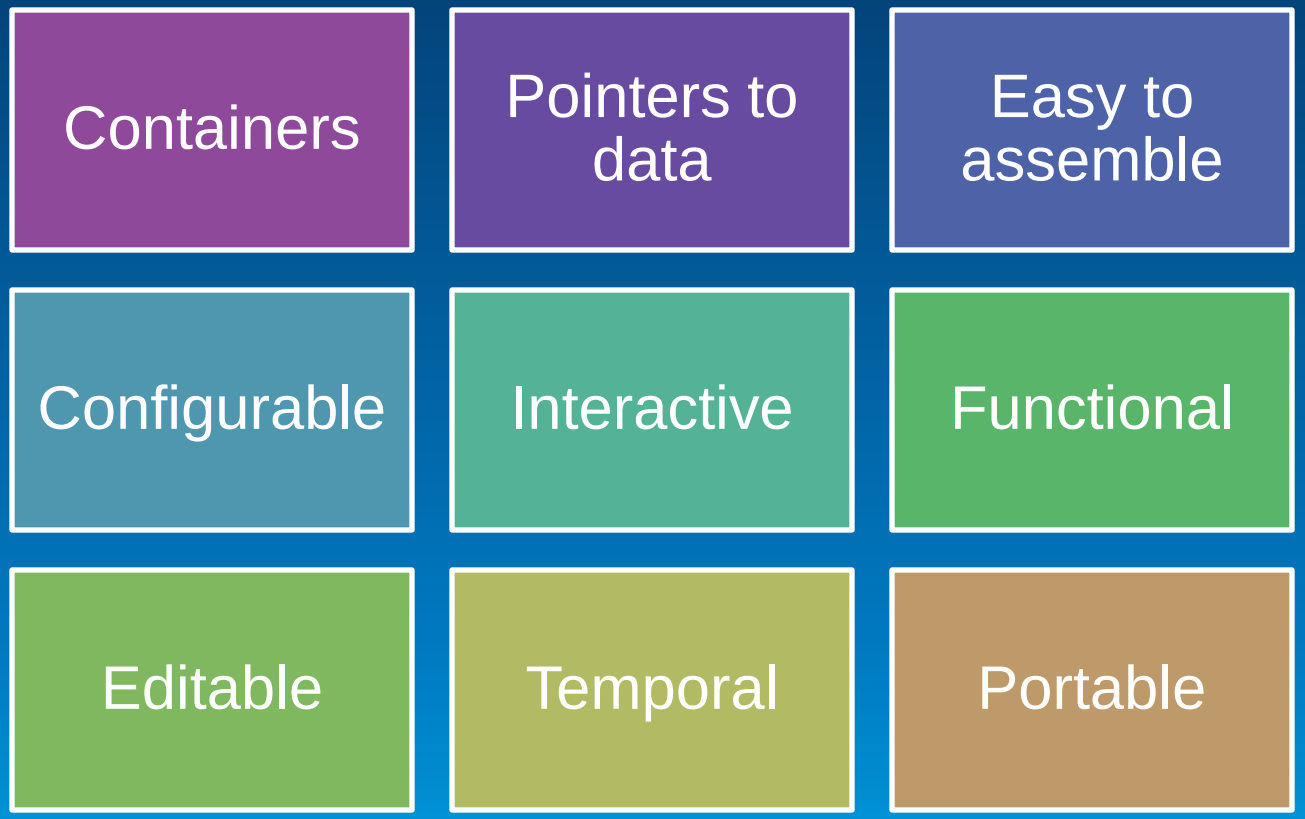
Web Maps

Owen



What’s the deal with “web maps?”

Web Maps are…



“An MXD for the web”

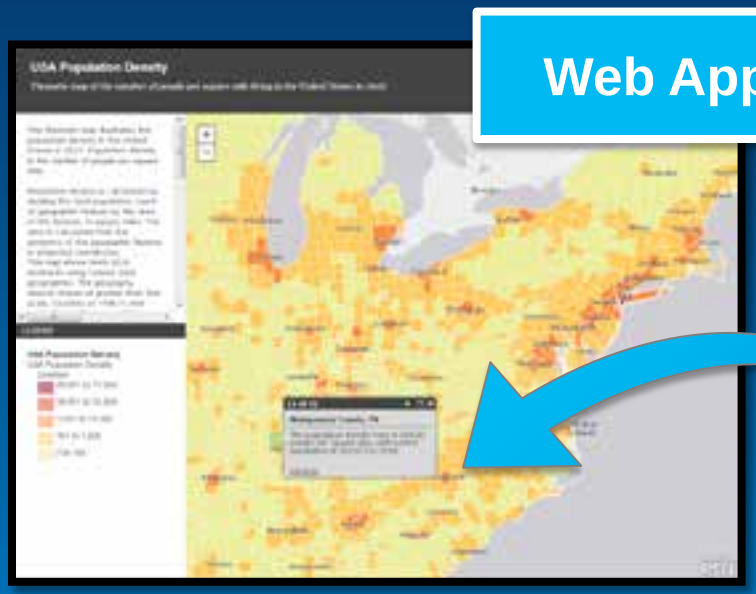
Building a Web Mapping App

Data

PUBLISH

Map Service Item on AGO

Map Service



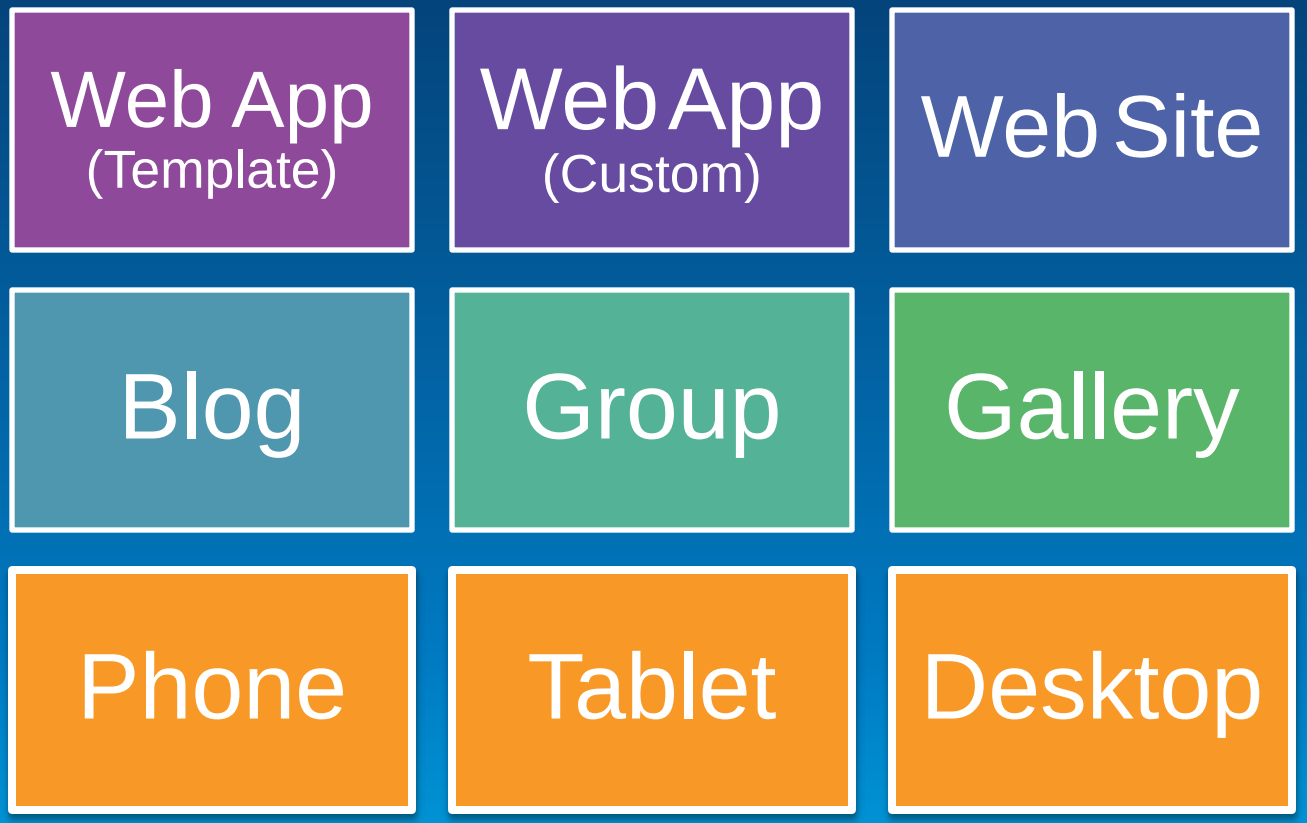
Web App

Configure pop-up, symbols, description

Web Map

Basemap

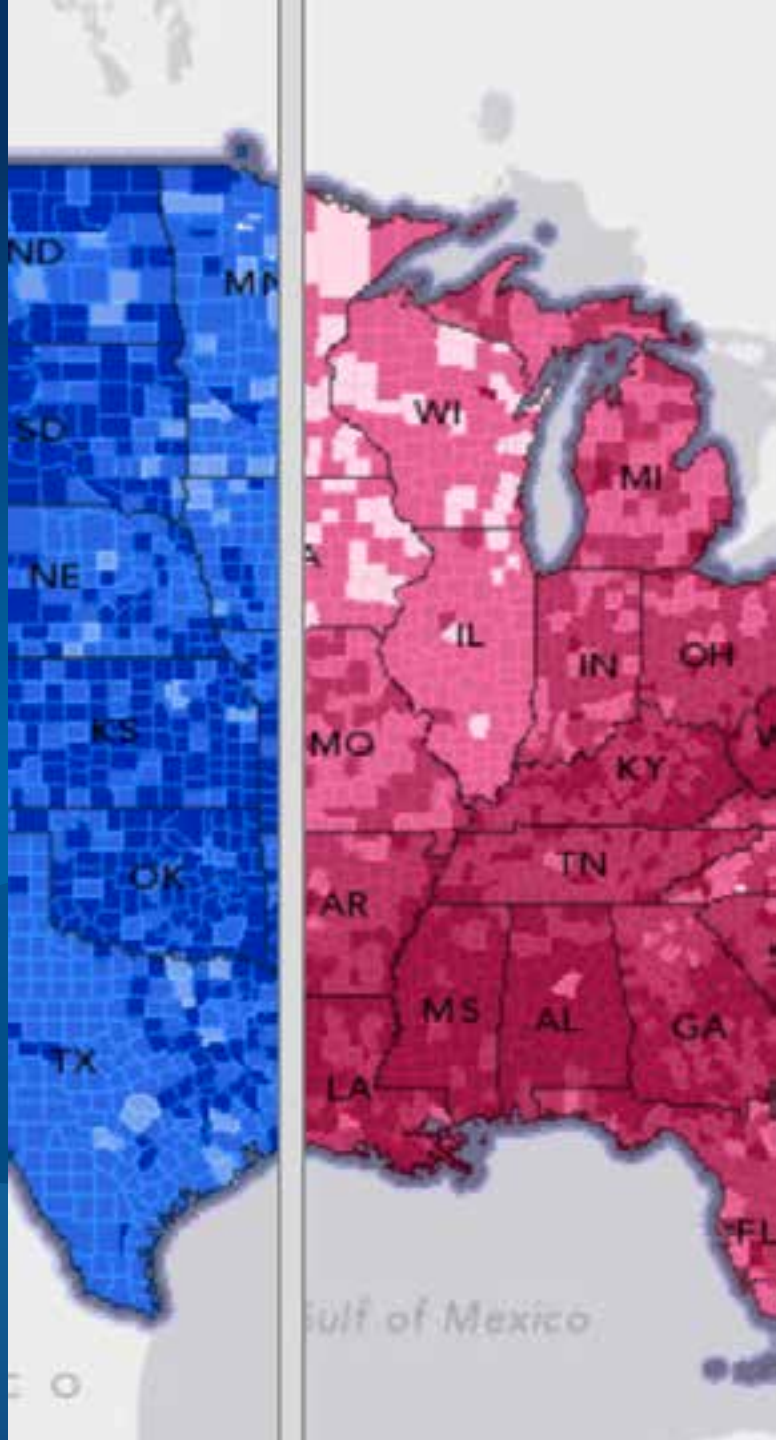
Web Map Destinations



Web maps are portable

Working with App Templates

James



Use Patterns

1. Configure hosted template
2. Download and configure template application
3. Develop custom application template

Skills and Activities

1. Data publication
2. Map design
3. User experience design
4. Application development

Apps, meet Orgs

James

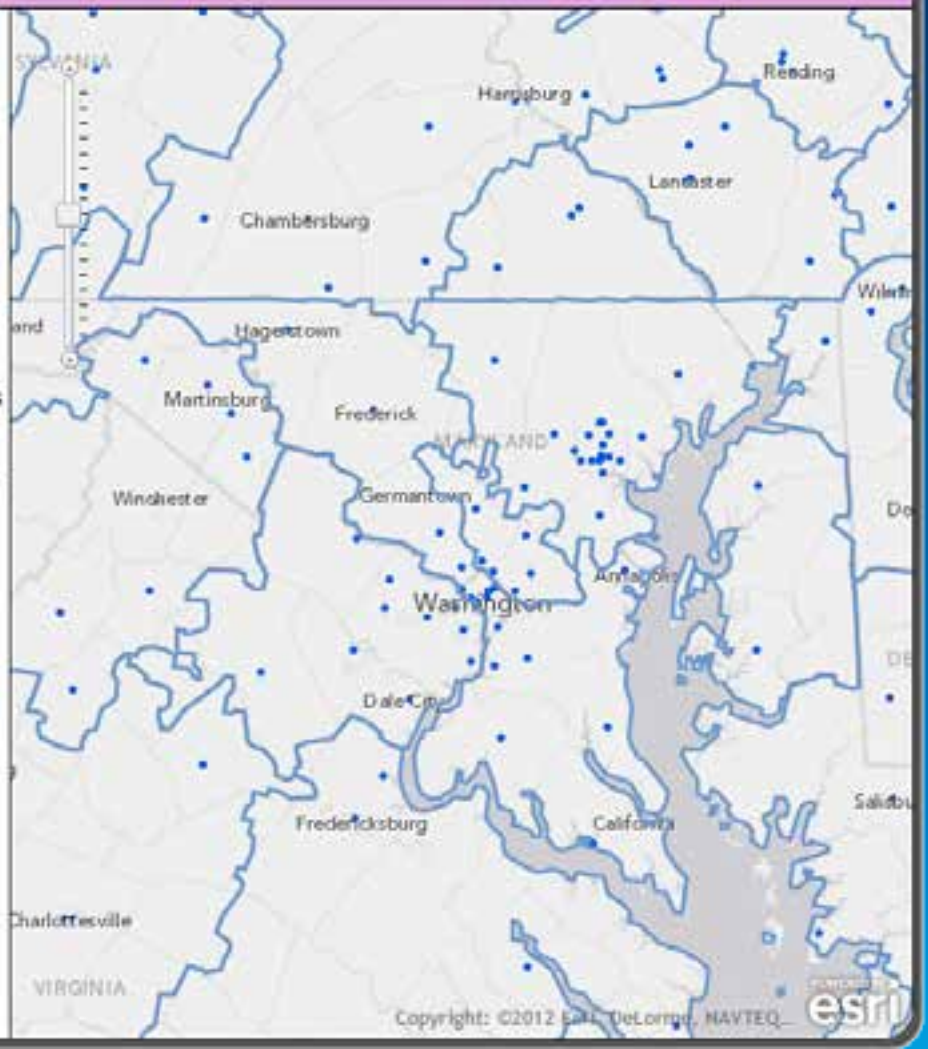
So, you’ve got an app…

Hospitals

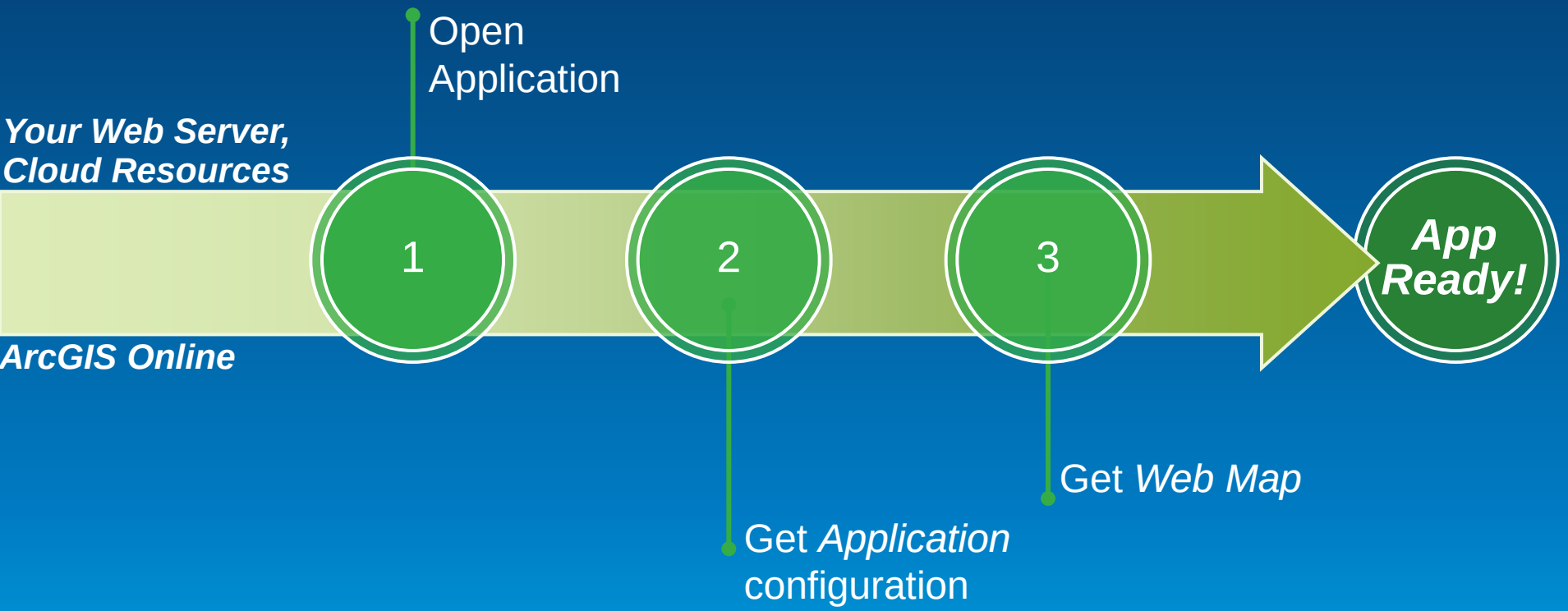
Load App Info | Load Web Map Info

Home to 2 major cities and 6 million people, the Washington-Baltimore region also has a complex set of hospitals and other health facilities. Major health providers in the area include Johns Hopkins, MedStar Health, Kaiser Permanente and Adventist Health International.

The National Institutes of Health are also headquartered in the region at Bethesda, MD (pictured above).

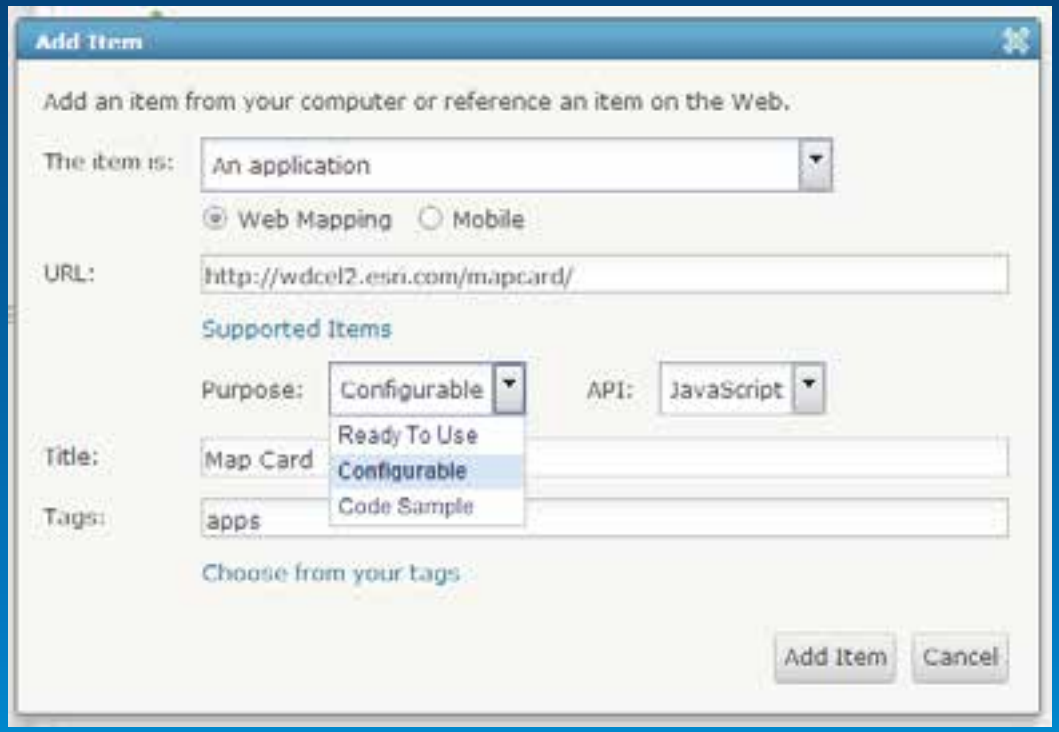


Opening Applications

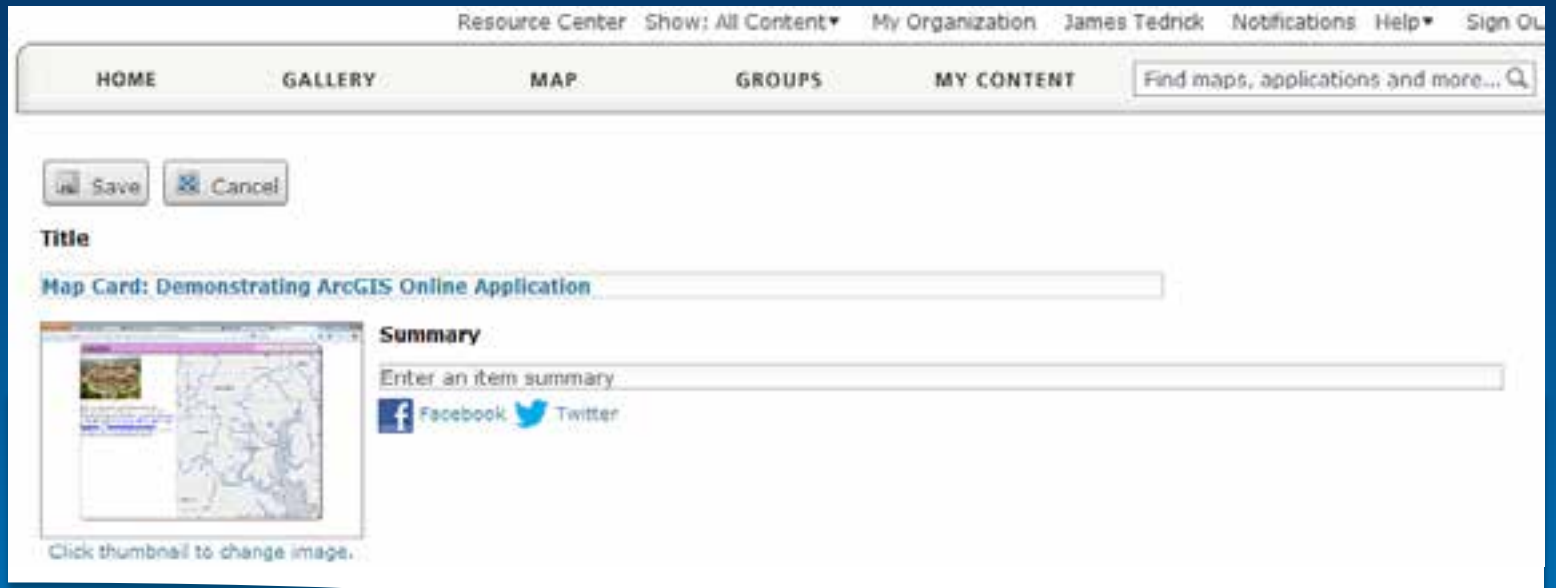


How do you get *everyone else* using it?

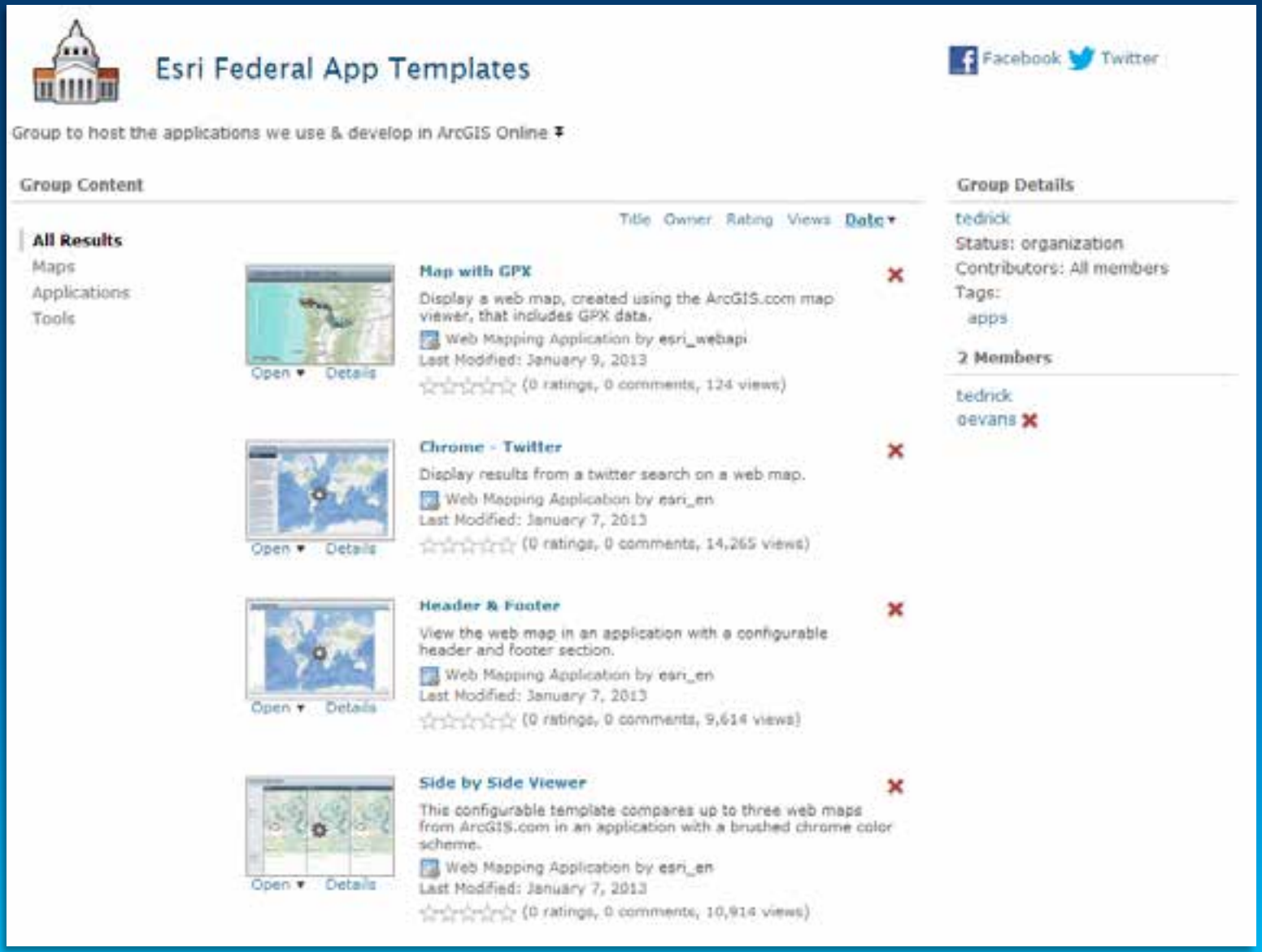
1) Add as configurable



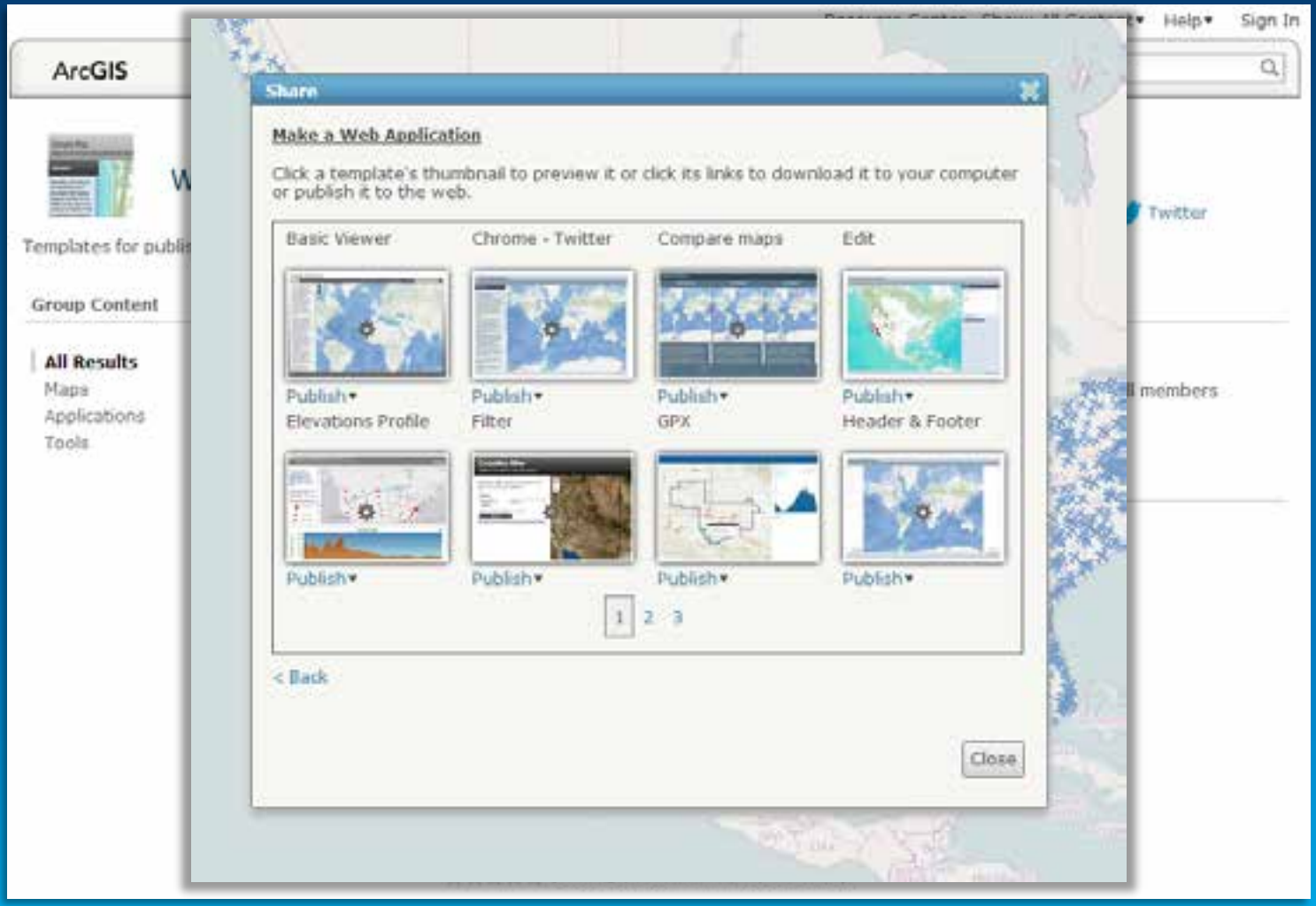
2) Provide the configuration settings, if any



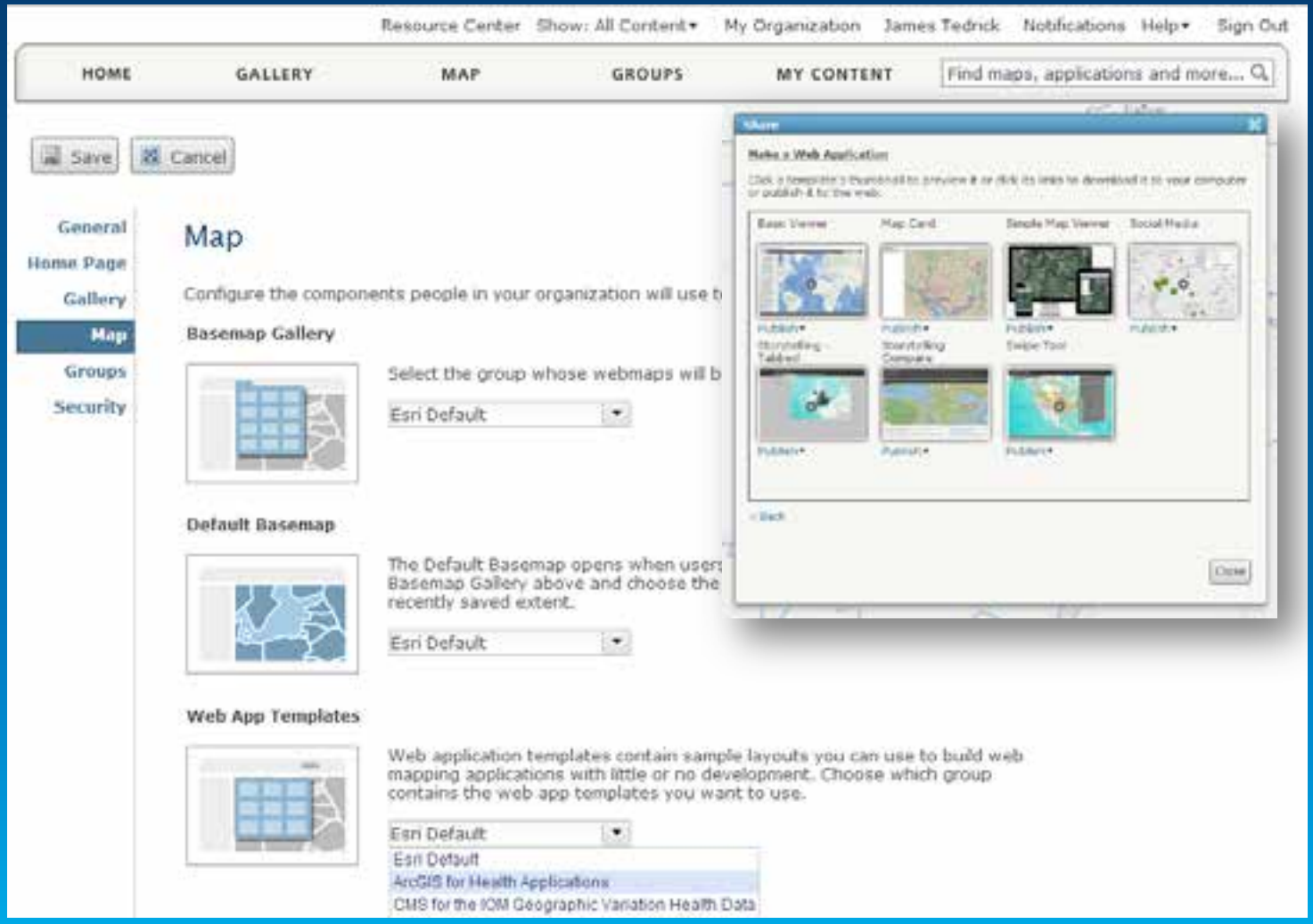
3) Share with a group



A very special group



Feature *your* apps in *your* org

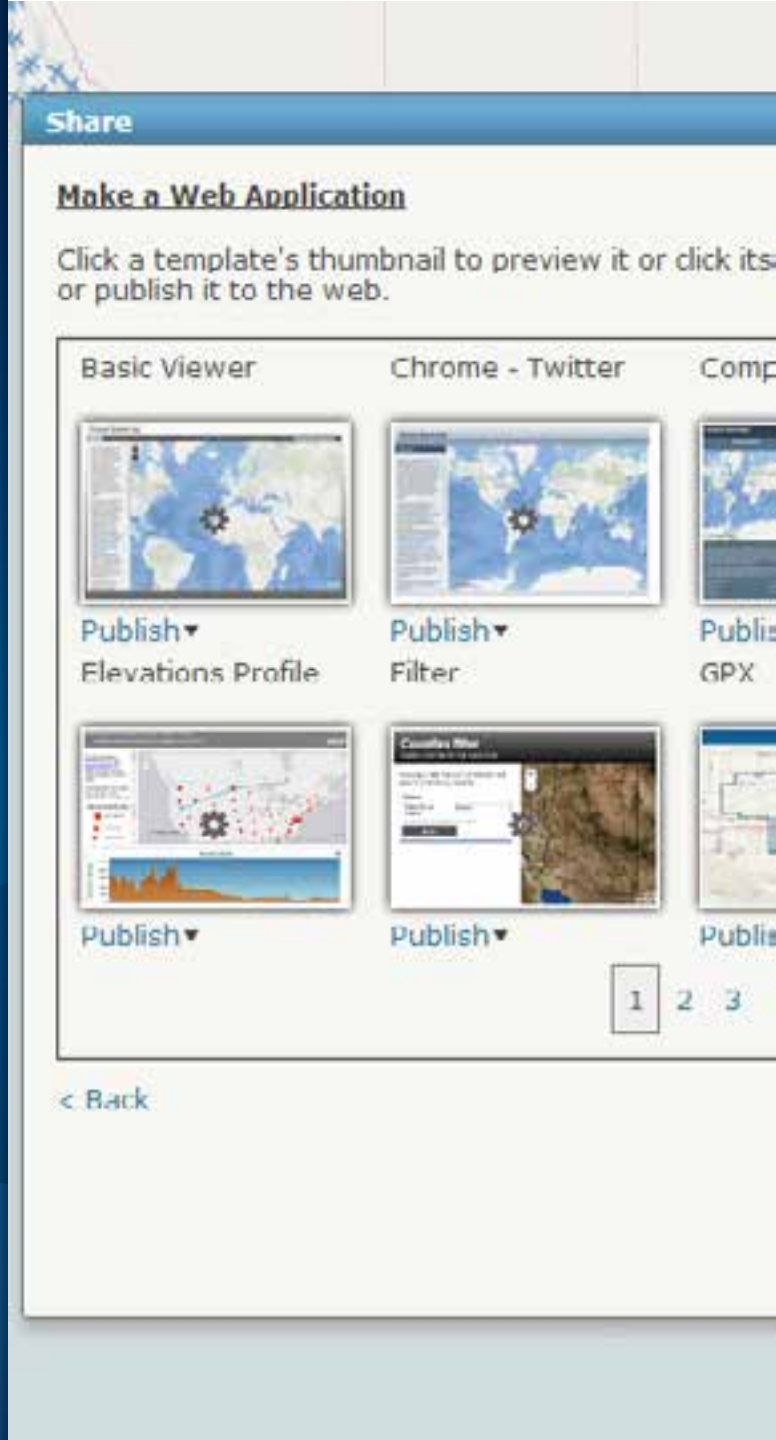


Demo

Deploying your App Template

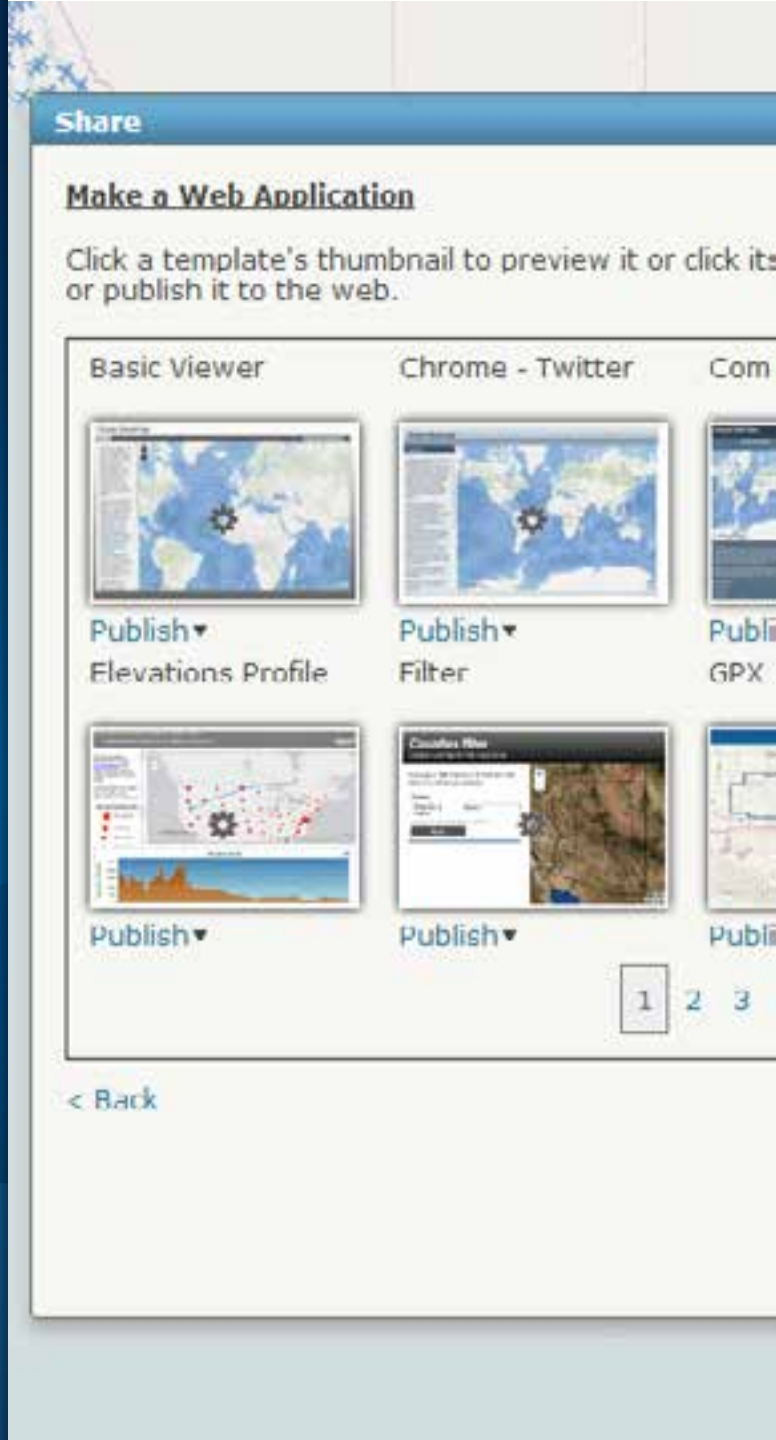
James

https://github.com/tedrick/mapCard



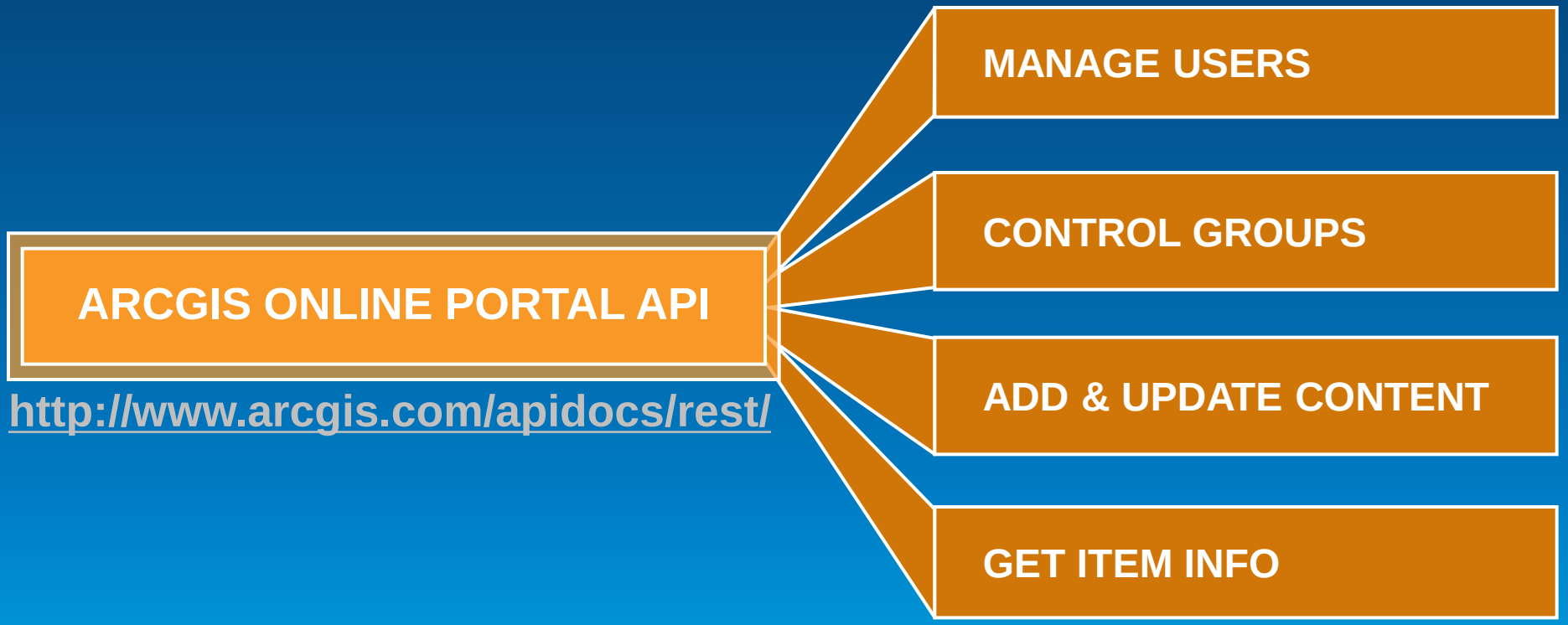
Creating & Using Custom Templates

James



Developing applications

REST API- Same patterns as Server Services



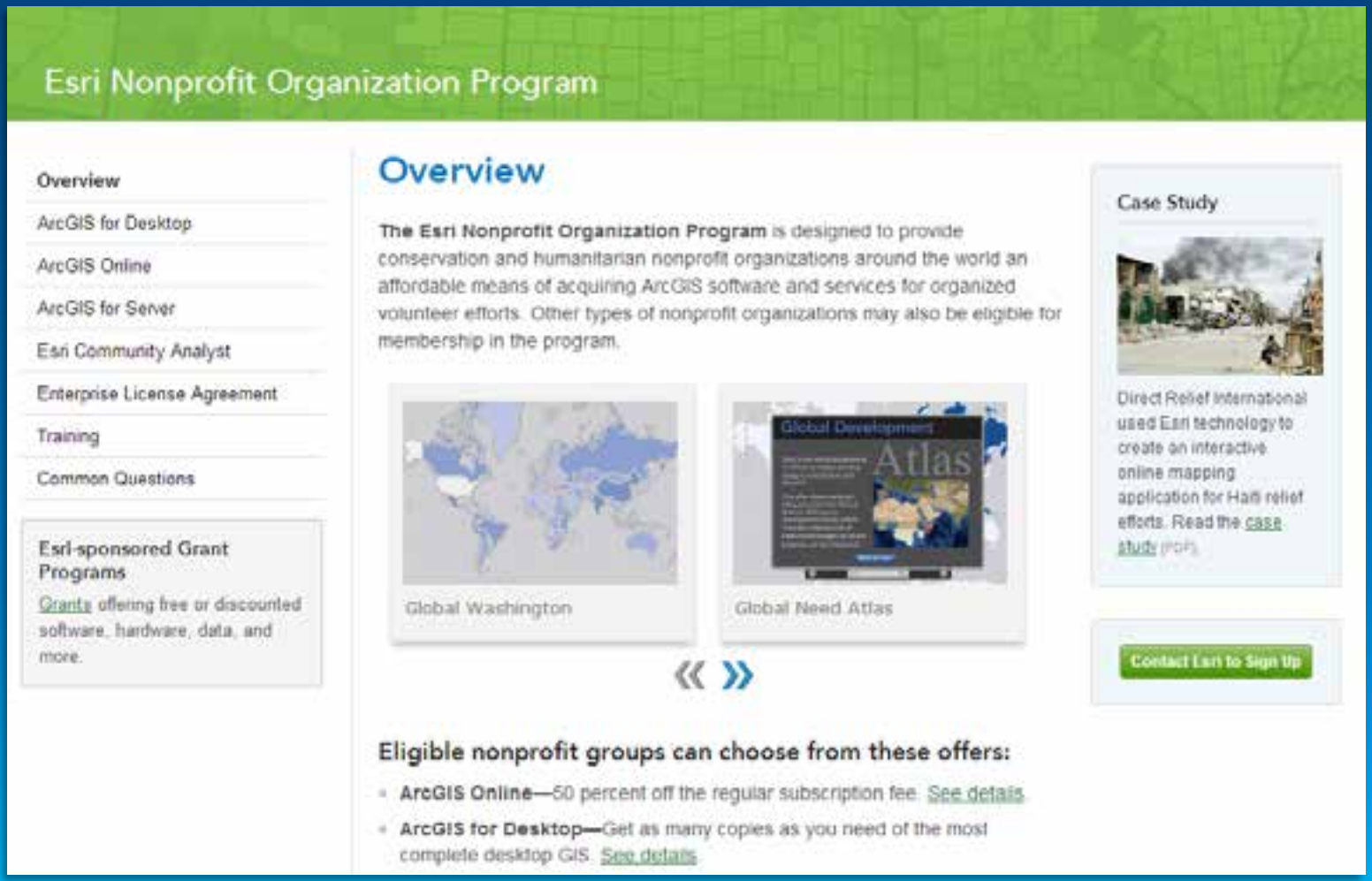
http://www.arcgis.com/apidocs/rest/

API classes & methods

- Direct interact with REST API (refer to API docs)
  - Refer to REST documentation,
  - Also, web map format information: http://resources.arcgis.com/en/help/arcgis-web-map-json/
- Available in JS, Flex, Silverlight (details may vary)
  - Automate getting item info
  - Sign in using Identity Manager
  - Publish Items

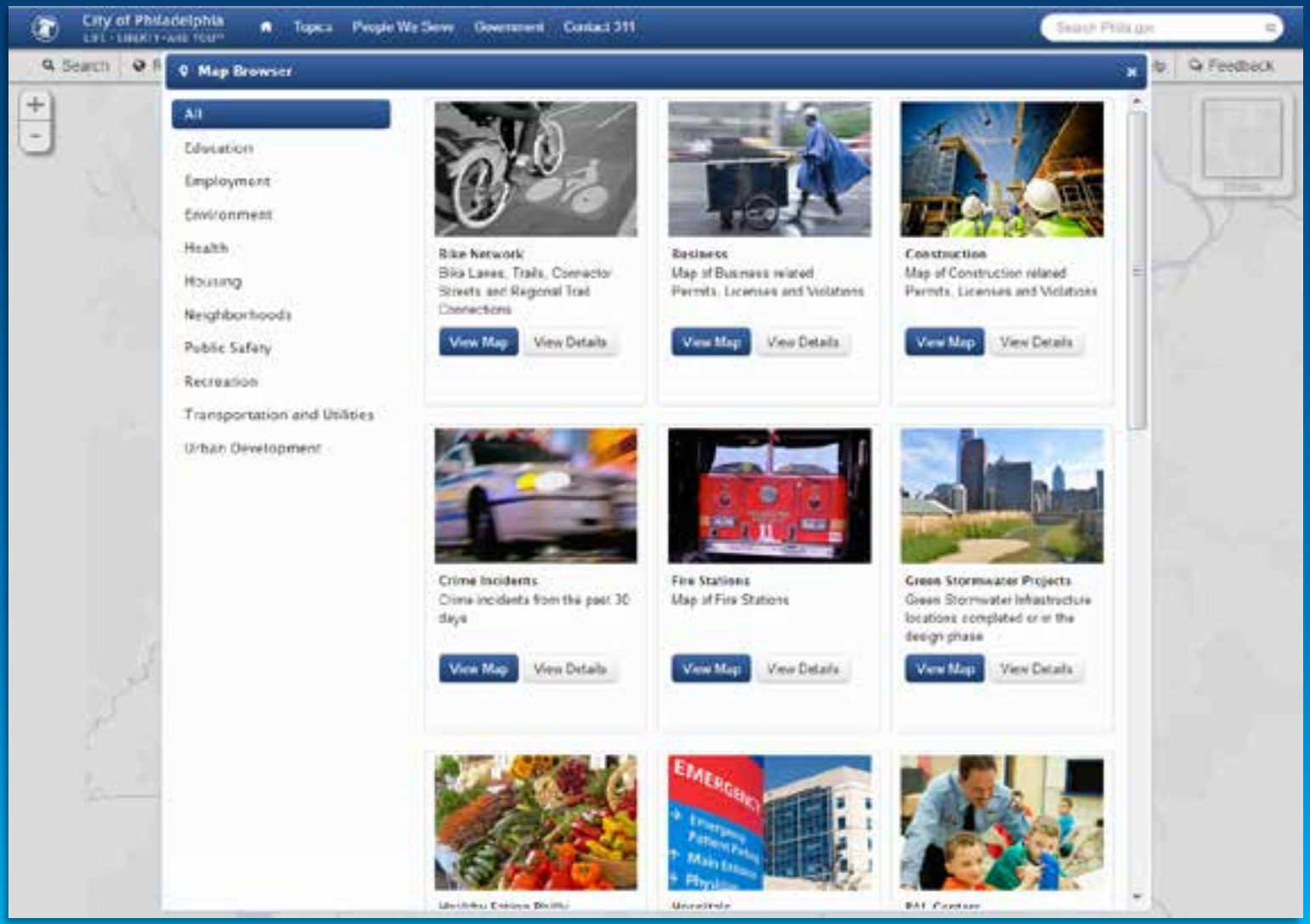
Not just web map apps

Custom viewer page used by embedded IFrames



Not just web map apps

Access group content (http://www.phila.gov/map)



App Design: KISS

Everything should be as simple as it can be, but not simpler (~Albert Einstein)

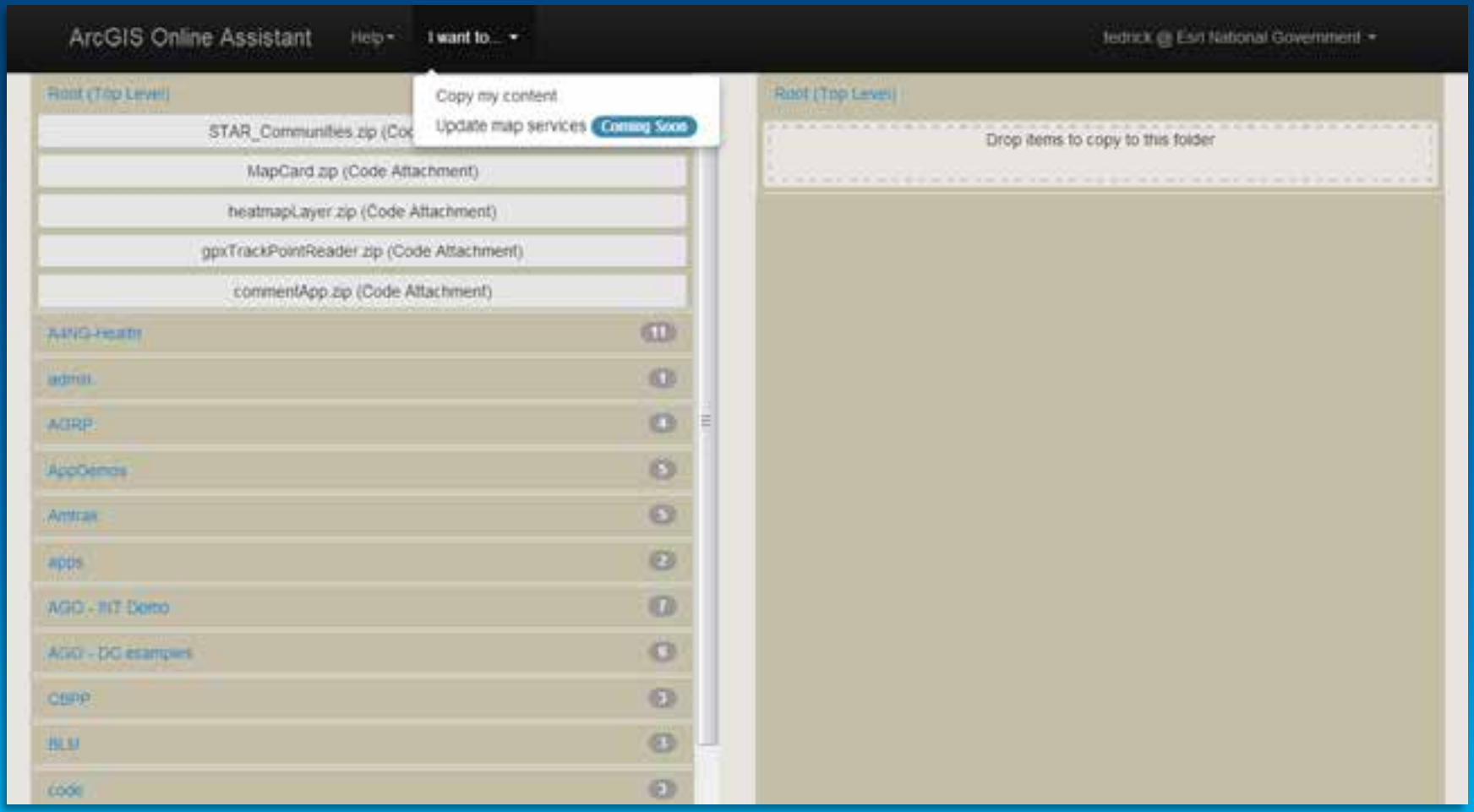
Bonus Round

Go!

Not just web map apps

Manage ArcGIS Items

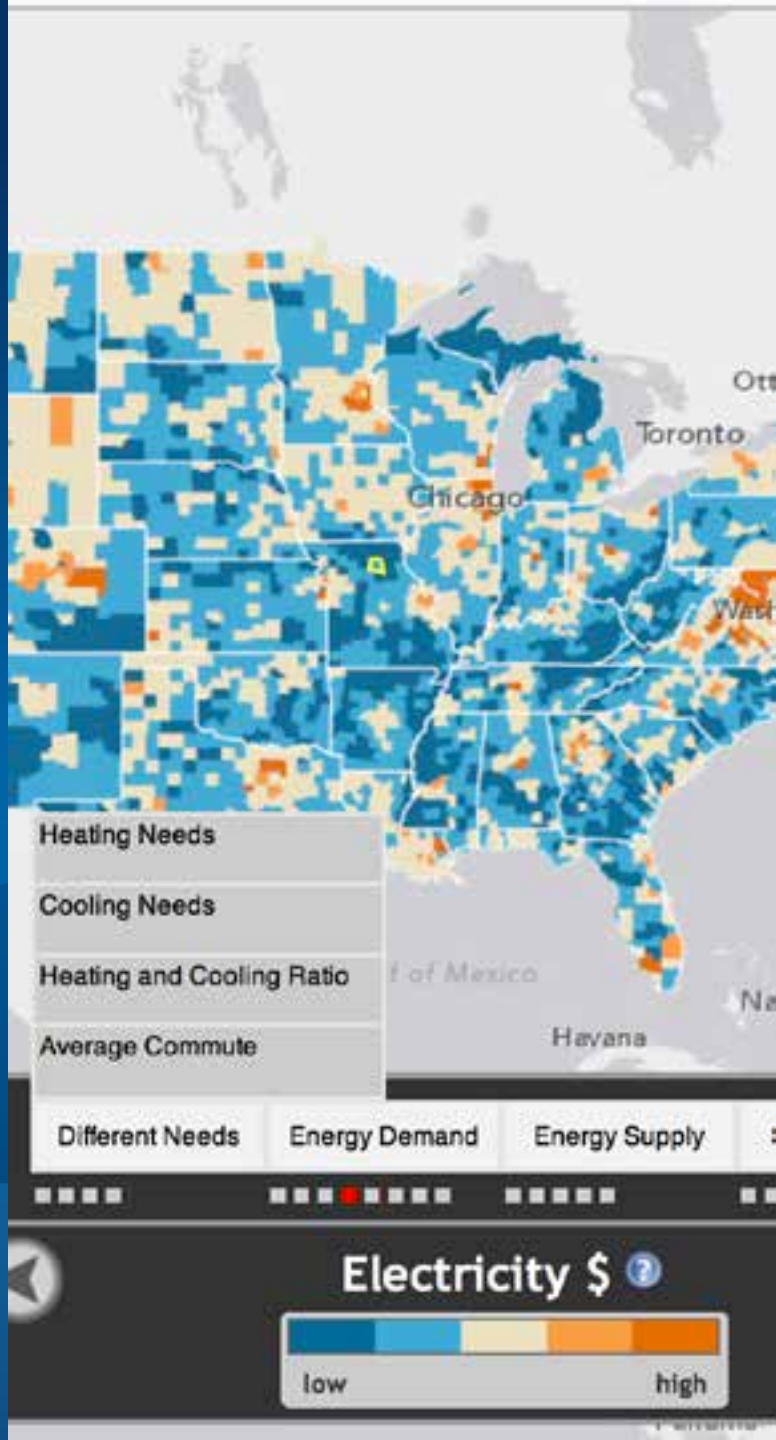
http://s3.amazonaws.com/dtc-apps/AgolAssistant/index.html



Demo

Atlas Template

Owen



Don’t Miss These Attractions

In the GIS Solutions EXPO

- Exhibitors
- I am GIS Photo Booth & Trading Cards
- Hands-On Learning & Coaching Labs
- Design Studio
- Spatial Outlet
- Esri Showcase
- GIS Technical & Extended Support
- 2 Demo theaters
- Drinks & snacks

Tuesday Evening Reception

Smithsonian American Art Museum and National Portrait Gallery

6:30 PM–9:30 PM

- Walking distance from convention center
- Conference Badge needed for reception
- Coat check available in courtyard
- Serving hot hors d’oeuvres and beverages

Wednesday Closing Session

Closing and Hosted Lunch

11:30 AM–1:30 PM

- Ballrooms A–C, Third Level
- Join conference attendees for lunch and closing session
- Closing Speaker Todd Park, U.S. CTO
- Wrap-up and request for feedback with Jack Dangermond.

Upcoming Events

esri.com/events

Date	Event	Location
March 21, 2013	**Esri DC Meet Up – Big Data & Location Analytics**	Washington, DC
April 18, 2013	**Esri DC Meet Up**	Washington, DC
March 23–26, 2013	**Esri Partner Conference**	Palm Springs, CA
March 25–28, 2013	**Esri Developer Summit**	Palm Springs, CA
July 6–9, 2013	**Esri National Security Summit**	San Diego, CA
July 8–12, 2013	**Esri International User Conference**	San Diego, CA

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Thank You

Please complete a session evaluation form.

#FedGIS

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Understanding our world.

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