



Esri International Developer Summit
Palm Springs, CA

Building Apps with the ArcGIS for State Government Solution

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ArcGIS as a Platform



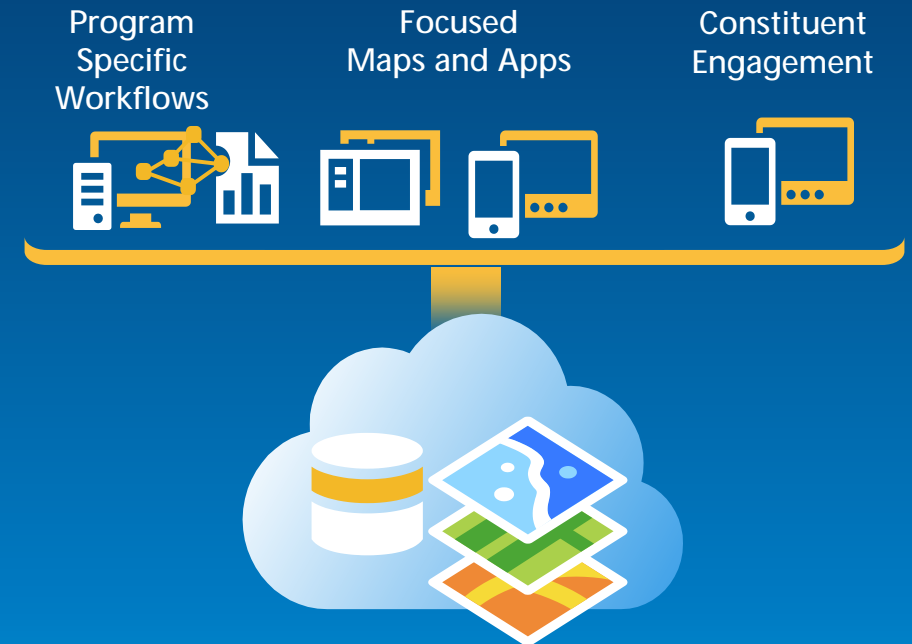
Making Mapping and GIS
Available Across Your Organization

Transforming the Role of GIS

ArcGIS for State Government

A solution for Esri's government customers

- Series of useful maps and apps focused on government work
 - Organized into modules
 - Extensible, configurable
 - Freely available and fully supported
 - A foundation for Partner solutions
- Community of users
 - Best Practices / Implementation Support
- Network of Esri Services and Partner offerings
 - Help users implement, sustain and enhance



.....Available on-premise or in the cloud

Our Mission

Help increase the value of GIS in state government organizations

- **Make it easier to deploy ArcGIS**
 - Deliver applications quickly throughout your organization
 - Stay current with future releases / avoid legacy technology
 - Create a platform of geospatial data that can be leveraged by many
- **Address common constraints in state government**
 - Size and skills of staff
 - Budget and time available to implement
- **Empower the community to contribute**
 - Users
 - Partners

ArcGIS for State Government

DOT

- Traveler Information System (511)*
- Railroad Crossing Inspection*
- Right of Way Management*
- Crash Analysis Tools*
- NEPA (Environmental Review)*



Public Health

- Beach Monitoring
- Water Quality Monitoring*
- Restaurant Inspection*
- Assisted Living Facility Inspection*
- Medicare/Medicaid Super Utilization*
- Healthcare Utilization Atlas*



Emergency Management

- Flood Planning
- Special Event Planning
- Pre-Incident Planning
- Target Hazard Analysis
- Common Operational Picture
- Damage Assessment
- My Hazard Information
- EM Maps
- Model Organization



Environment

- Permit Processing Dashboard
- Permit Expiration Dashboard
- Permit Status
- Permit Inspection
- License Location Locator
- Water Access Locator
- Wildlife Management Area Locator
- Environmental Impact Assessment*
- Storm water Notice of Intent*
- Trail Locator
- Model Organization



Economic Development

- Live, Work, and Locate*
- Site Finder*



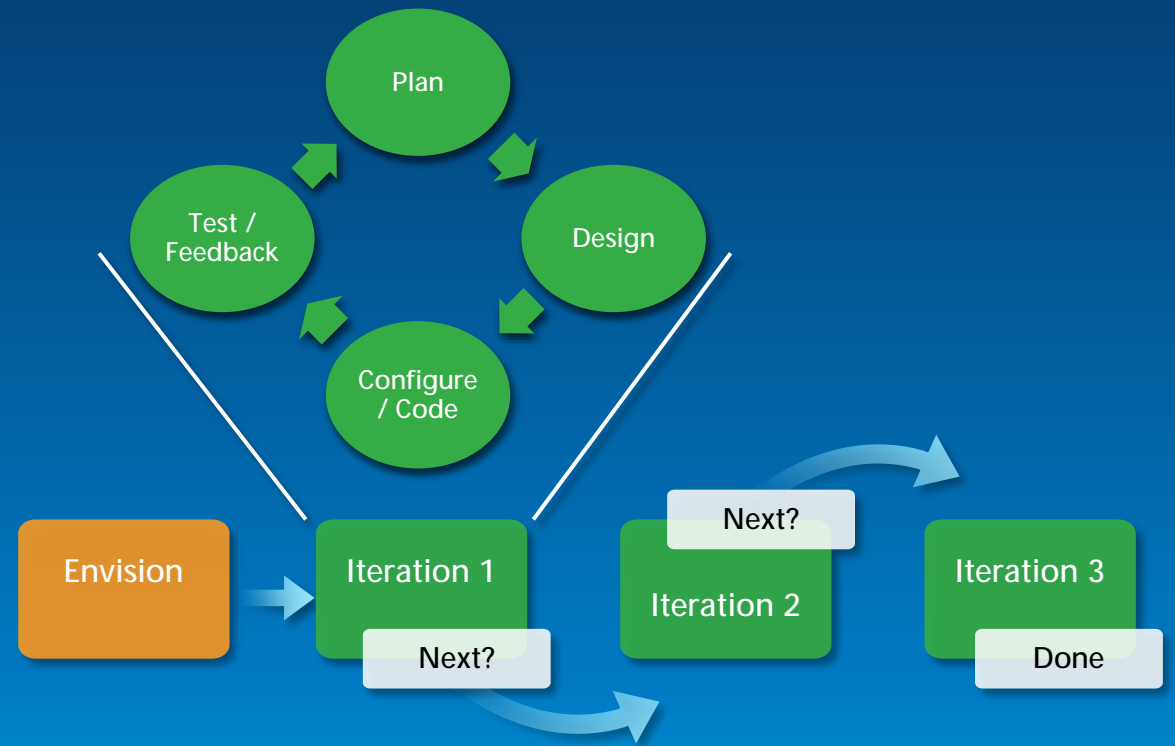
GIS/IT

- Model Organization
- Executive Dashboard
- Data Aggregation Patterns*



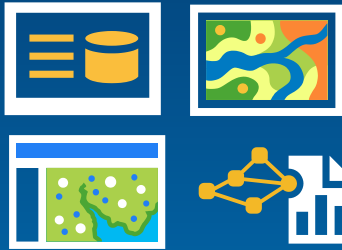
Configuration Patterns

- Influential factors
 - COTS and configurable solutions strategy
 - Deployment time
 - Technical expertise
- Where do you start?
 - With your business requirements
 - Align them with maps and apps
 - Review system configuration patterns
- Configuration patterns
 - Publish and adopt
 - Code and customize



...embrace an agile implementation approach

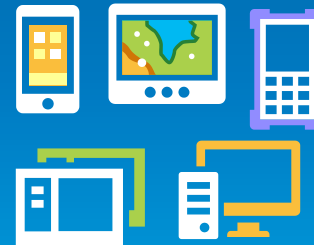
Publish and Adopt



Configure maps

- Adjust scale dependencies and def queries
- Validate label expressions
- Publish services

Step 1:
Author the maps

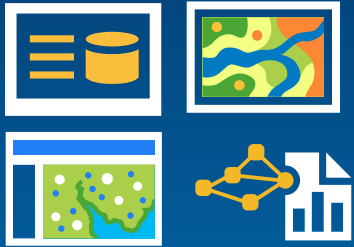


Configure the mobile and web apps

- Add basemaps and map services
- Adjust extents
- Configure popups

Step 2:
Deploy the apps

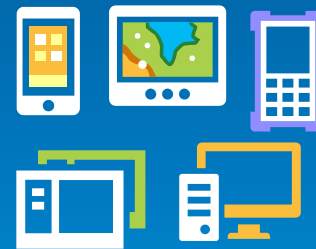
Code and Customize



Step 1:
Publish the maps

Configure maps

- Repair map layers (source and symbology)
- Adjust scale dependencies and def queries
- Validate label expressions
- Publish basemaps and map services
- Or, just try to use your maps...



Step 2:
Customize the apps

Publish your own mobile and web apps

- Customize the apps
- Add basemaps and map services
- Adjust extents
- Configure popups

Configuring Web Apps (On-Premise)

- Anatomy of the web apps
 - Javascript / HTML 5 apps
 - REST, GP, and Geometry Services, Web Maps
- Can be configured quickly
 - CSS and standard .js configuration file
- Deployed on local web servers
- Example
 - Permit Status



Demo

Configuring On-Premise Web Apps

Configuring Web Apps (Hosted)

- Anatomy of the web apps
 - Javascript / HTML 5 apps
 - ArcGIS Online web application templates
- Can be configured quickly
 - Standard ArcGIS Online configuration panel and json file
- Published in ArcGIS Online
 - Or, downloaded and deployed on local web server
- Example
 - Finder Web Application Template



Demo

Configuring Hosted Web Apps

Demo

Configuring Hosted Web Apps

The screenshot shows a web browser window displaying an ArcGIS web map. The browser's address bar shows the URL: `arcgis4localgov2.maps.arcgis.com/home/webmap/viewer.html?webmap=638e7368b9ee4a0faf6bc2e9d38e85e1`. The page title is "Permit Status Map".

The map interface includes a top navigation bar with "HOME - Permit Status Map" on the left and "NEW MAP Mike" on the right. Below this is a toolbar with icons for "Details", "Add", "Basemap", "Share", "Directions", and "Bookmarks". A search bar on the right contains the text "Find address or place".

On the left side, there is a "Contents" panel with a list of layers: "Permits" (checked) and "Topographic". Below the list are navigation controls: a home button, a zoom in (+) button, a zoom out (-) button, and a full-screen button.

The main map area displays a topographic map of the Southeastern United States, covering parts of Kentucky, Tennessee, and Georgia. Major cities like Louisville, Nashville, Memphis, and Atlanta are labeled. Several green-shaded areas are overlaid on the map, representing permit status. A scale bar at the bottom left indicates 0, 30, and 60 miles. The bottom right corner features the Esri logo and copyright information: "Esri, DeLorme, FAD, USGS, NOAA, EPA, NPS | Map assembled MEMPHIS".

Two web apps based on the same webmap

1. [web app 1](#)
2. [web app 2](#)

Permit Status

arcgis4localgov2.maps.arcgis.com/apps/Solutions/s2.html?appid=9341716438144c12bed2f2e4cc3e6fe3

Permit Status

KENTUCKY

TENNESSEE

NORTH CAROLINA

SOUTH CAROLINA

Memphis

Nashville

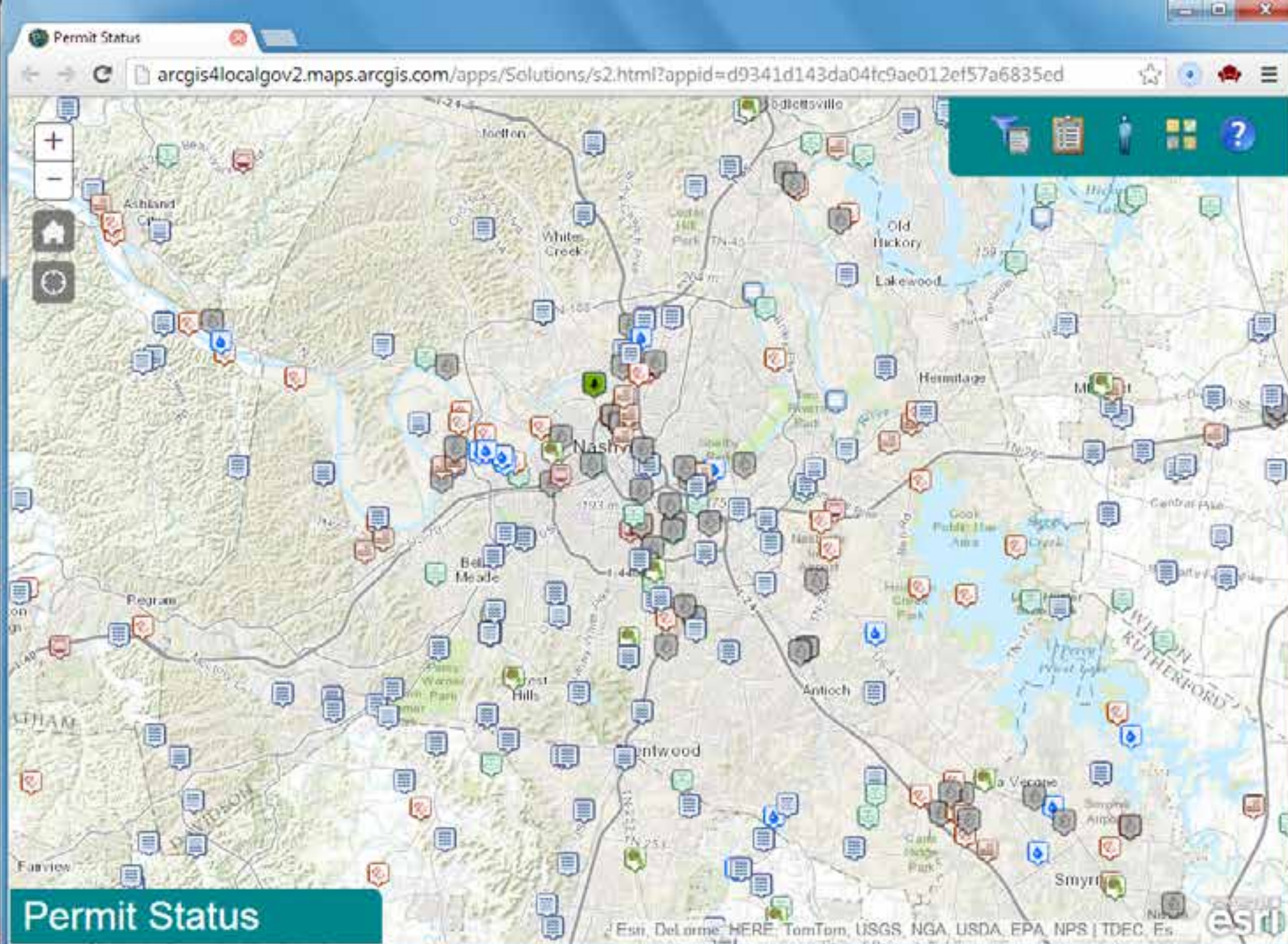
Atlanta

Birmingham

Esri, DeLorme, FAO, USGS, NOAA, EPA, NPS | Map assembled by Corey I

Two web apps based on the same webmap

1. web app 1
2. web app 2

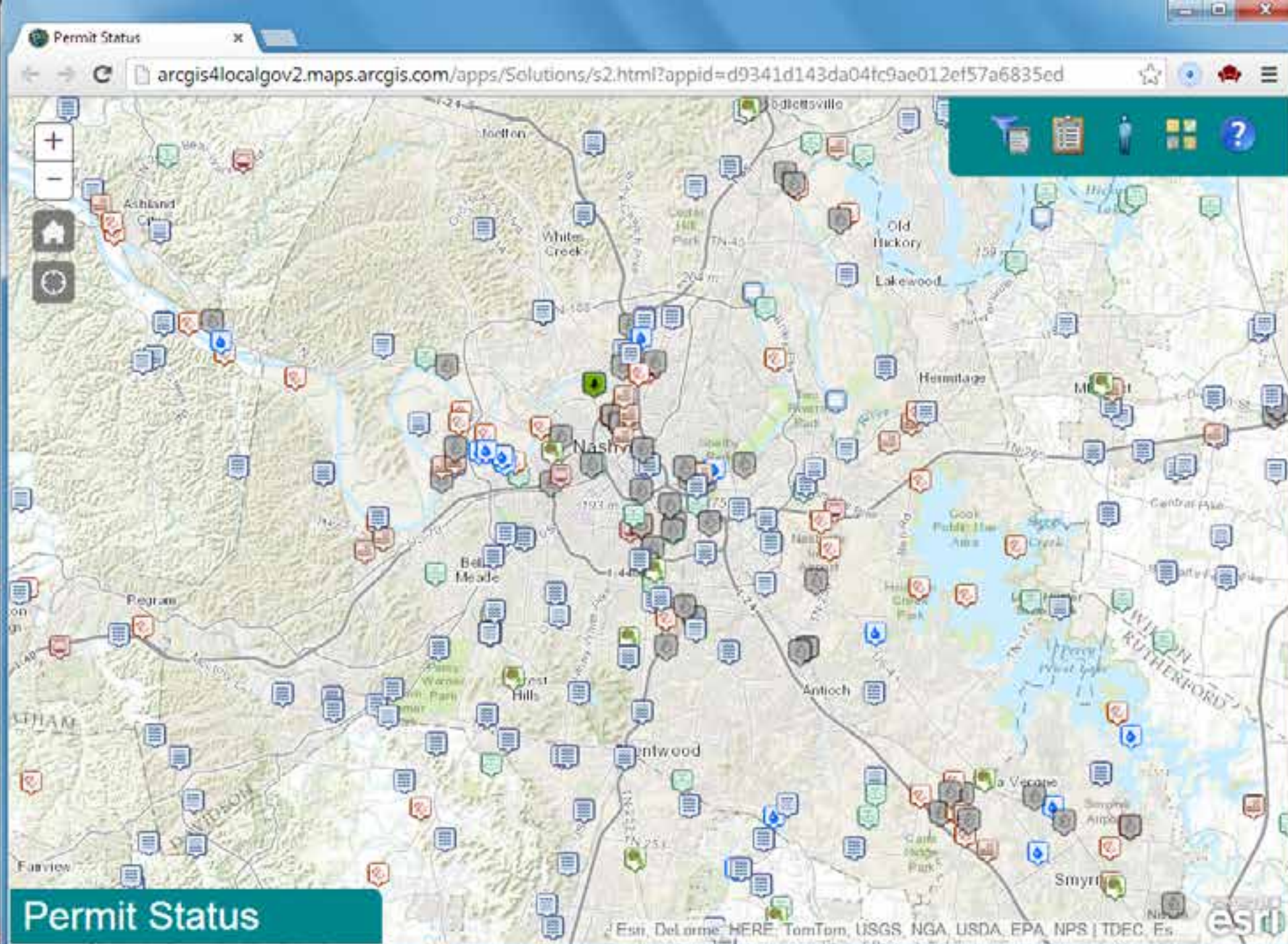


What's the significance?

1. web app 1 is based on standard "Finder" template
2. web app 2 is based on re-configuring that you can do

Both are hosted in ArcGIS Online

Or you can host them on your server



We also changed the publication configuration

1. [web app 1 publication configuration](#)
2. [web app 2 publication configuration](#)

This is the step that your publishing users do when converting a webmap into a web app

The screenshot shows a web browser window with the URL `arcgis4localgov2.maps.arcgis.com/home/webmap/configureApp.html?appid=9341716438144c12bed2f2e4cc3e6`. The page title is "Permit Status". The main content area displays a map of the Southeastern United States, showing parts of Kentucky, Tennessee, and Georgia. The map includes labels for cities like Louisville, Nashville, and Atlanta, and geographical features like the Cumberland River and the Blue Ridge Mountains. The map interface includes standard navigation controls like zoom in (+), zoom out (-), home, and refresh buttons.

On the right side, there is a configuration panel with the following sections:

- Header**
 - Title: Permit Status
 - Icon URL: `http://tryitlive.arcgis.com/`
 - Color Scheme: Turquoise
- Map Settings**
 - SELECT WEB MAP button
 - Currently displaying Permit Status Map web map. Use the Select a map button to choose a different web map.
 - Alternate Basemap Group: Organization basemaps
 - Basemap Group Owner: [empty field]
- Find Settings**
 - Hint: Aquatic, Pates
 - Find Layers: Permits
 - Find Fields: PERMITTYPE, APPLICANT
 - Result Display Fields: FIELD1, FIELD2, ...
 - Zoom Level: 16
 - Show Popup for Selected Feature
- Application Help**
 - Help Text: Finder <chr> <chr> Finder (formerly known as Parcel Viewer) provides the general public and other interested parties access to searchable

We also changed the publication configuration

1. [web app 1 publication configuration](#)
2. [web app 2 publication configuration](#)

This is the step that your publishing users do when converting a webmap into a web app

Configure Web Application

arcgis4localgov2.maps.arcgis.com/home/webmap/configureApp.html?appid=d9341d143da04fc9ae012ef57a683!

Theme

Color Scheme:

Map Settings

Currently displaying Permit Status Map web map. Use the Select a map button to choose a different web map.

Alternate Basemap Group:

Basemap Group Owner:

Filter Settings

Filter Hint:

Filter Field:

Default Filter Value:

Find Settings

Find by Permit Hint:

Find by Permit Layers:

Find by Permit Fields:

Find by Name Hint:

Find by Name Layers:

Find by Name Fields:

Zoom Level:

Show Popup for Selected Feature

[Application Help](#)

Permit Status

Esri, DeLorme, HERE, TomTom, USGS, N

How can you reconfigure?

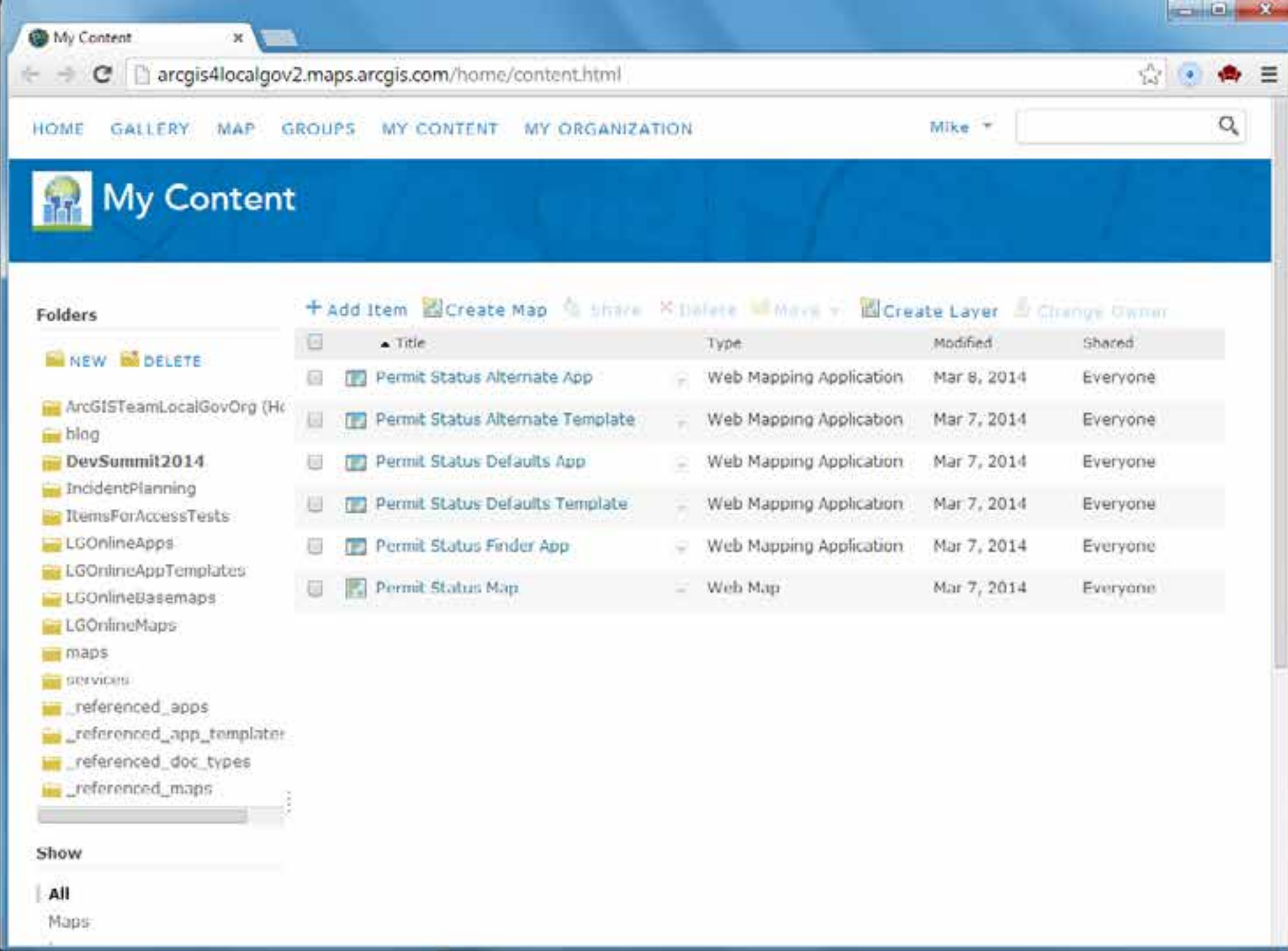
1. Create a web app template with the new configuration
2. Share the template with your [organization's Web App Templates gallery](#)
3. Publish!

The screenshot shows the ArcGIS Team Local Gov organization configuration page in a web browser. The browser address bar shows the URL: `arcgis4localgov2.maps.arcgis.com/home/organization.html`. The page has a left-hand navigation menu with the following items: Groups, Utility Services, Roles, and Security. The main content area is divided into several sections:

- Default Basemap:** A section with a thumbnail of a basemap. The text explains: "The Default Basemap opens when users click New Map. Set the group in the Basemap Gallery above and choose the map to open. It will open at the default extent you set. To set the default extent to the extent of your currently selected default basemap, click Use Map Extent as Default. To set a different extent, click Choose Extent and set the extent you want to use as your default extent." Below this text is a dropdown menu set to "Esri Default" and a button labeled "USE MAP EXTENT AS DEFAULT".
- Default Extent:** A section with a thumbnail showing a map extent. The text explains: "The Default Extent determines the extent used when users click New Map." Below this text are four input fields: "Left: -134.747", "Right: -55.696", "Top: 50.309", and "Bottom: 23.561". To the right of these fields is a button labeled "CHOOSE EXTENT".
- Bing Maps:** A section with a thumbnail of the Bing logo. The text explains: "Provide a Microsoft-supplied Bing Maps key in order to use Bing Maps in your organization's web maps. If you have any questions, please contact your account manager or local Esri office." Below this text is a text input field containing the key: `AmMp50SyUPJSy2uXeMLn5aAEdhqKNSwWvBLSKEqF45b`. To the right of the key is a checkbox labeled "Allow this Bing key to be used in maps shared publicly by organization members." which is currently unchecked.
- Web App Templates:** A section with a thumbnail of a web app template. The text explains: "Web application templates contain sample layouts you can use to build web mapping applications with little or no development. Choose which group contains the web app templates you want to use." Below this text is a dropdown menu set to "Dev Summit Templates", a "Sorted by:" dropdown set to "Title", and a checked checkbox for "Ascending". At the bottom of this section is another unchecked checkbox labeled "Share the Esri default web application templates to this group when you click Save."

Create a custom web app template based on Finder

1. Create template in organization
2. Copy URL to hosted app from Finder template
3. Edit template and fix URL
4. Copy configuration from file Finder.json



The screenshot shows a web browser window displaying the ArcGIS My Content interface. The browser address bar shows the URL: `arcgis4localgov2.maps.arcgis.com/home/content.html`. The page has a navigation menu with links for HOME, GALLERY, MAP, GROUPS, MY CONTENT, and MY ORGANIZATION. The user's name, Mike, is visible in the top right corner. The main content area is titled "My Content" and features a list of items with columns for Title, Type, Modified, and Shared. The items listed are:

Title	Type	Modified	Shared
Permit Status Alternate App	Web Mapping Application	Mar 8, 2014	Everyone
Permit Status Alternate Template	Web Mapping Application	Mar 7, 2014	Everyone
Permit Status Defaults App	Web Mapping Application	Mar 7, 2014	Everyone
Permit Status Defaults Template	Web Mapping Application	Mar 7, 2014	Everyone
Permit Status Finder App	Web Mapping Application	Mar 7, 2014	Everyone
Permit Status Map	Web Map	Mar 7, 2014	Everyone

On the left side, there is a "Folders" section with a list of folders including "NEW", "DELETE", "ArcGISTeamLocalGovOrg (H...", "blog", "DevSummit2014", "IncidentPlanning", "ItemsForAccessTests", "LGOnlineApps", "LGOnlineAppTemplates", "LGOnlineBasemaps", "LGOnlineMaps", "maps", "services", "_referenced_apps", "_referenced_app_templates", "_referenced_doc_types", and "_referenced_maps".

Create a custom web app template based on Finder

1. Create template in organization
2. Copy [URL to hosted app](#) from Finder template
3. Edit template and fix URL
4. Copy [configuration](#) from file Finder.json

Finder can be accessed using the ArcGIS template gallery or item details. The application source code can be downloaded for further, more advanced, configuration. This advanced configuration of the application can be hosted on your own web server or applied back to an ArcGIS Online configurable web application item. For more information on these advanced workflows, see the documentation available with the downloaded code.

Screenshots

Properties

URL	/apps/Solutions/s2.html?app=apps2/Finder
Code Attachment	Finder Github Download
Purpose	Configurable
API	JavaScript
Tags	ArcGIS web application template
Credits	
Size	16 KB
Extent	

Comments (6)

Create a custom web app template based on Finder

1. Create template in organization
2. Copy [URL to hosted app](#) from Finder template
3. Edit template and fix URL
4. Copy [configuration](#) from file Finder.json

```
https://raw.githubusercontent.com/Esri/local-government-online-apps/master/apps2/Finder.json

{
  "license": [
    " | Copyright 2012 Esri",
    " |",
    " | licensed under the Apache License, Version 2.0 (the 'License');",
    " | you may not use this file except in compliance with the License.",
    " | You may obtain a copy of the License at",
    " |",
    " | http://www.apache.org/licenses/LICENSE-2.0",
    " |",
    " | Unless required by applicable law or agreed to in writing, software",
    " | distributed under the License is distributed on an 'AS IS' BASIS",
    " | WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.",
    " | See the License for the specific language governing permissions and",
    " | limitations under the License."
  ],
  "values": {
    "webmap": "3c33240fbacd42339547a06a966dcbf7",
    "titleBar.title": "Finder",
    "titleBar.iconUrl": "images/onlineapp.png",
    "colorizer.theme": "DarkGray",
    "searchBox.hint": "Parcel ID",
    "featureSearcher.searchLayerName": "Tax Parcels",
    "featureSearcher.searchFields": "PARCELID ",
    "featureSearcher.displayFields": "SITEADDRESS ",
    "highlighter.showFeaturePopup": true,
    "highlighter.highlightZoomLevel": 16,
    "basemapBox.basemapgroupTitle": "",
    "basemapBox.basemapgroupOwner": "",
    "helpMessageBox.content": "Finder<br><br>Finder (formerly known as Parcel Viewer) provides the general public and other interested parties access to searchable and interactive information such as property tax and assessment information or the locations of water access points.<br><br>To locate this information, click a feature on the map or search for the feature by address, name, or another identifier such as Parcel ID."
  },
  "configurationSettings": {
    "category": "<b>Header</b>",
    "fields": [
      {
        "label": "Title",
        "fieldName": "titleBar.title",
        "type": "string",

```


Publish a webmap using template

1. Publish
2. Perform publication configuration
3. Note that it has the same publication user interface and app user interface

Permit Status

arcgis4localgov2.maps.arcgis.com/apps/Solutions/s2.html?appid=9341716438144c12bed2f2e4cc3e6fe3

Permit Status

KENTUCKY

TENNESSEE

NORTH CAROLINA

Memphis

Nashville

Atlanta

Esri, DeLorme, FAO, USGS, NOAA, EPA, NPS (Map assembled by Corey I)

Modify new template for Permit Status

1. Edit template
2. Copy configuration from a file
3. Modify it
4. Lint it
5. Paste it into template

```
https://raw.githubusercontent.com/Esri/local-government-online-apps/master/doc/examples2/PermitStatusDefaults.json

{
  "license": [
    " | Copyright 2012 Esri",
    " |",
    " | licensed under the Apache License, Version 2.0 (the 'License');",
    " | you may not use this file except in compliance with the License.",
    " | You may obtain a copy of the License at",
    " |",
    " |   http://www.apache.org/licenses/LICENSE-2.0",
    " |",
    " | Unless required by applicable law or agreed to in writing, software",
    " | distributed under the License is distributed on an 'AS IS' BASIS",
    " | WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.",
    " | See the License for the specific language governing permissions and",
    " | limitations under the License."
  ],
  "values": {
    "webmap": "638e7368b9ee4a0faf6bc2e9d38e85e1",
    "titleBar.title": "Permit Status",
    "titleBar.iconUrl": "http://tryitlive.arcgis.com/permitstatus/images/logo.png",
    "colorizer.theme": "Turquoise",
    "searchBox.hint": "Aquatic, Pates",
    "featureSearcher.searchLayerName": "Permits",
    "featureSearcher.searchFields": "PERMITTYPE,APPLICANT",
    "featureSearcher.displayFields": "",
    "highlighter.showFeaturePopup": true,
    "highlighter.highlightZoomLevel": 16,
    "basemapBox.basemapgroupTitle": "",
    "basemapBox.basemapgroupOwner": "",
    "helpMessageBox.content": "Finder<br>Finder (formerly known as Parcel Viewer) provides the general public and other interested parties access to searchable and interactive information such as property tax and assessment information or the locations of water access points.<br><br>To locate this information, click a feature on the map or search for the feature by address, name, or another identifier such as Parcel ID."
  },
  "configurationSettings": [
    {
      "category": "<b>Header</b>",
      "fields": [
        {
          "label": "Title",
          "fieldName": "titleBar.title",
          "type": "string",

```


Modify new template for Permit Status

1. Edit template
2. Copy [configuration](#) from a file
3. Modify it
4. [Lint](#) it
5. Paste it into template

PowerPoint Slide Show - [2014 Dev] x

JSLint, The JavaScript Code x

www.jslint.com

JSLint

0.055 seconds

[Set the options.](#)
[Enjoy The Good Parts.](#)
[Donate.](#)

Source clear

```
    "trigger": "share/facebook",
    "publish": "launch/blank",
    "subject": ".titleBar.title",
    "tinyURLServiceURL": "",
    "tinyURLResponseAttribute": "data.url",
    "shareUrl": "http://www.facebook.com/sharer.php?u=${url}&t=${subject}",
    "busyIndicator": "busyIndicator",
    "dependencyId": "map"
  }, {
    "classname": "js.LGShareAppExtents",
    "config": {
      "rootId": "shareAppExtIw",
      "trigger": "share/twitter",
      "publish": "launch/blank",
      "subject": ".titleBar.title",
      "tinyURLServiceURL": "",
      "tinyURLResponseAttribute": "data.url",
      "shareUrl": "http://twitter.com/home/?status=${subject} ${url}",
      "busyIndicator": "busyIndicator",
      "dependencyId": "map"
    }
  }
}
```

JSLint

Function Report clear

JSON: good

Publish a webmap using template

1. Publish
2. Note that publication configuration has Permit Status default values

The screenshot shows a web browser window with the URL `arcgis4localgov2.maps.arcgis.com/home/webmap/configureApp.html?appid=9341716438144c12bed2f2e4cc3e6`. The page title is "Permit Status". The main content area displays a map of the Southeastern United States, showing parts of Kentucky, Tennessee, and Georgia. The map includes labels for cities like Louisville, Nashville, and Atlanta, and geographical features like the Cumberland River and Daniel Boone National Forest. On the left side of the map, there are navigation controls: a zoom in (+) and zoom out (-) button, a home button, and a refresh button.

On the right side of the page, there is a configuration panel with the following sections:

- Header**
 - Title: Permit Status
 - Icon URL: `http://tryitlive.arcgis.com/`
 - Color Scheme: Turquoise
- Map Settings**
 - SELECT WEB MAP** (button)
 - Currently displaying Permit Status Map web map. Use the Select a map button to choose a different web map.
 - Alternate Basemap Group: Organization basemaps
 - Basemap Group Owner: [empty field]
- Find Settings**
 - Hint: Aquatic, Pates
 - Find Layers: Permits
 - Find Fields: PERMITTYPE, APPLICANT
 - Result Display Fields: FIELD1, FIELD2, ...
 - Zoom Level: 16
 - Show Popup for Selected Feature
- Application Help**
 - Help Text: Finder <hr>
 Finder (formerly known as Parcel Viewer) provides the general public and other interested parties access to searchable

Modify new template for interface

1. Edit template
2. Copy configuration from a file
3. Modify it
4. Lint it
5. Paste it into template

```
https://raw.githubusercontent.com/Esri/local-government-online-apps/master/doc/examples2/PermitStatusAlternate.json

{
  "license": [
    " | Copyright 2012 Esri",
    " |",
    " | licensed under the Apache License, Version 2.0 (the 'License');",
    " | you may not use this file except in compliance with the License.",
    " | You may obtain a copy of the License at",
    " |",
    " |   http://www.apache.org/licenses/LICENSE-2.0",
    " |",
    " | Unless required by applicable law or agreed to in writing, software",
    " | distributed under the License is distributed on an 'AS IS' BASIS",
    " | WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.",
    " | See the License for the specific language governing permissions and",
    " | limitations under the License."
  ],
  "values": {
    "webmap": "638e7368b9ee4a0faf6bc2e9d38e85e1",
    "titleBar.title": "Permit Status",
    "colorizer.theme": "Turquoise",
    "permitSearcherEnter.hint": "Aquatic",
    "permitSearcher.searchLayerName": "Permits",
    "permitSearcher.searchFields": "PERMITTYPE",
    "nameSearcherEnter.hint": "Pates",
    "nameSearcher.searchLayerName": "Permits",
    "nameSearcher.searchFields": "APPLICANT",
    "filter.hint1": "Permit types to display",
    "filter.fieldname1": "PERMITTYPE",
    "filter.value1": "",
    "highlighter.showFeaturePopup": true,
    "highlighter.highlightZoomLevel": 16,
    "basemapBox.basemapgroupTitle": "",
    "basemapBox.basemapgroupOwner": "",
    "helpMessageBox.content": "Finder<br>Finder (formerly known as Parcel Viewer) provides the general public and other interested parties access to searchable and interactive information such as property tax and assessment information or the locations of water access points.<br>To locate this information, click a feature on the map or search for the feature by address, name, or another identifier such as Parcel ID."
  },
  "configurationSettings": {
    "category": "<b>Theme</b>",
  }
}
```

Modify new template for interface

1. Edit template
2. Copy configuration from a file
3. Modify it
4. Lint it
5. Paste it into template

The screenshot shows the JSLint website in a browser window. The page title is "JSLint, The JavaScript Code Linter". The URL is "www.jshint.com". The page features the "JSLint" logo and a timer showing "0.051 seconds". There are links for "Set the options", "Enjoy The Good Parts", and "Donate".

The main content area is a "Source" editor with a "clear" button. It contains the following JSON code:

```
{
  "classname": "js.LGCommand",
  "config": {
    "rootId": "basemap",
    "tooltip": "@tooltips.basemap",
    "iconUrl": "images/basemap.png",
    "parentDiv": "commandPanel",
    "rootClass": "commandButton",
    "iconClass": "commandIcon",
    "dependencyId": "basemapBox",
    "publish": "basemap"
  }
}, {
  "classname": "js.LGCommand",
  "config": {
    "rootId": "help",
    "tooltip": "@tooltips.help",
    "iconUrl": "images/help.png",
    "parentDiv": "commandPanel",
    "rootClass": "commandButton",
    "iconClass": "commandIcon",
    "publish": "help"
  }
}
}
```

Below the editor is a "JSLint" button. At the bottom, there is a "Function Report" section with a "clear" button. The report shows the message: "JSON: good".

Publish a webmap using template

1. Publish
2. Note that both the app and the publication configuration have changed

The screenshot displays a web browser window with the URL `arcgis4localgov2.maps.arcgis.com/apps/Solutions/s2.html?appid=d9341d143da04fc9ae012ef57a6835ed`. The browser title is "Permit Status". The map shows a geographic area around Nashville, Tennessee, with various permit status markers (represented by colored icons like blue, orange, and green) overlaid on a topographic map. The markers are densely packed in the central urban area and more sparsely distributed in the surrounding regions. The map includes labels for cities like Nashville, Antioch, and Smyrna, as well as parks like White-Creek Park and Hermitage Park. A green navigation bar is visible at the top right, and a green banner at the bottom left of the map area contains the text "Permit Status". The bottom of the browser window shows the Windows taskbar with several icons.

Configuration tips

- For faster testing during development, [download project](#) to a local server and specify a configuration file in the [URL](#)
- Always [lint](#) your changes

The screenshot shows a web browser displaying the GitHub repository page for 'Esri/local-government-online-apps'. The browser's address bar shows the URL 'https://github.com/Esri/local-government-online-apps'. The repository page includes a header with the repository name, 'Unwatch' (24), 'Star' (15), and 'Fork' (20) buttons. Below the header, there is a section for repository statistics: '343 commits', '4 branches', '1 release', and '4 contributors'. A commit history table is visible, showing a commit by MikeTschudi titled 'Created two variant Finder configurations for Permit Status' from 2 days ago. The table lists various files and folders with their respective commit messages and dates. On the right side of the page, there are links for 'Code', 'Issues', 'Pull Requests', 'Pulse', 'Graphs', and 'Network'. At the bottom right, there are buttons for 'Clone in Desktop' and 'Download ZIP'.

File/Folder	Commit Message	Time Ago
apps1	Updated geocoding server	23 days ago
apps2	Changed order of priority for app parameters	3 days ago
doc	Created two variant Finder configurations for Permit Status	2 days ago
images	Updated images to match new config names	a month ago
js1	Generalize references from Local Government to Solutions	6 months ago
js2	Changed order of priority for app parameters	3 days ago
nlc	Updated language strings	6 days ago
.gitattributes	Basic files	a year ago
.gitignore	Prepared for AGOL checkin	a year ago
CHANGES.txt	Completed switchover to markdown reference links	3 days ago

Configuration tips

- For faster testing during development, [download project](#) to a local server and specify a configuration file in the [URL](#)
- Always lint your changes

The screenshot shows a web browser window with the following details:

- Browser Address Bar:** `arcgis4localgov2.maps.arcgis.com/apps/Solutions/s2.html?app=apps2/Finder`
- Page Title:** Finder
- Map Content:** A street map showing a residential neighborhood. Labeled streets include Maxwell Ct, Darcy Dr, Halla Ln, Bloomsfield Circle Dr, Burning Bush Rd, Woodlake Ct, Hamilton Rd, and others. A central road is labeled 'N. Greengary Rd'.
- Map Interface:** Includes a search bar at the top left, a zoom control (+/-) on the left side, and the Esri logo in the bottom right corner.

Configuration tips

- For faster testing during development, [download project](#) to a local server and specify a configuration file in the [URL](#)
- Always [lint](#) your changes

local-government-online x

GitHub, Inc. [US] <https://github.com/Esri/local-government-online-apps/blob/master/doc/FAQ.md#why-the-emph>

Why the emphasis on linting JavaScript and JSON?

In order to help catch typographic errors, all JavaScript & JSON in the repository is validated ("linted") except for third-party libraries and the computer-generated language-specific phrase files in the [nls/ folder](#). That way, you have a known starting point for your modifications to files.

The value of linting can be illustrated by the following snippet of a configuration file. On a slow computer, you may not notice mistyping. And it's very difficult for the web app to tell you the problem: the JSON parser that it uses just tells it that the JSON can't be interpreted -- the whole file is bad in some way.

```
214:         "fill": true
215:     }
216: }, {
217:     "classname": "js.LGHighlighter",
218:     "config": {
219:         "rootId": "highlighter",
220:         "parentDiv": "contentFrame",
221:         "dependencyId": "map",
222:         "lineHighlightColor": "#0000ff",
223:         "fillHighlightColor": [0, 0, 255, 0.1]
224:     }
225: }, {
226:     "classname": "js.LGTitleBar",
227:     "styles": ".appTitleBar{height:52px;margin:0px;padding:2px;}
228:     "config": {
229:         "rootId": "titleBar",
230:         "parentDiv": "headerFrame",
231:         "rootClass": "appTitleBar",
232:         "horizOffset": 4,
233:         "vertOffset": 0,
234:         "iconClass": "titleIcon",
235:         "titleClass": "titleText"
236:     }
237: }, {
238:     "classname": "js.LGMapDigitContainer",
239:     "styles": ".digitContainer{position:absolute;z-index:35;}",
240:     "config": {
241:         "rootId": "homeButton",
242:         "parentDiv": "map",
243:         "dependencyId": "map",
244:         "rootClass": "digitContainer",
```


Resources

<https://github.com/Esri/local-government-online-apps>

The screenshot shows a web browser displaying the GitHub repository page for 'Esri/local-government-online-apps'. The browser's address bar shows the URL 'https://github.com/Esri/local-government-online-apps'. The GitHub logo is visible in the top left, and navigation links for 'Explore', 'Features', 'Enterprise', and 'Blog' are in the top right. A search bar and 'Sign up'/'Sign in' buttons are also present. The repository name 'Esri / local-government-online-apps' is displayed with '10 Stars' and '20 Forks'. Below this, a description reads 'Esri's ArcGIS for Local Government team's online applications.' Statistics show '343 commits', '4 branches', '1 release', and '4 contributors'. A dropdown menu shows the current branch is 'master'. The main content area displays a commit history table with columns for file names, commit messages, and dates. The most recent commit by MikeTschudi is highlighted. On the right side, there are navigation links for 'Code', 'Issues', 'Pull Requests', 'Pulse', 'Graphs', and 'Network'. At the bottom right, there are buttons for 'Clone in Desktop' and 'Download ZIP'.

File	Commit Message	Time Ago
apps1	Updated geocoding server	24 days ago
apps2	Changed order of priority for app parameters	4 days ago
doc	Created two variant Finder configurations for Permit Status	3 days ago
images	Updated images to match new config names	a month ago
js1	Generalize references from Local Government to Solutions	5 months ago
js2	Changed order of priority for app parameters	4 days ago
nis	Updated language strings	7 days ago
.gitattributes	Basic files	a year ago
.gitignore	Prepared for AGOL checkin	a year ago



What's Next

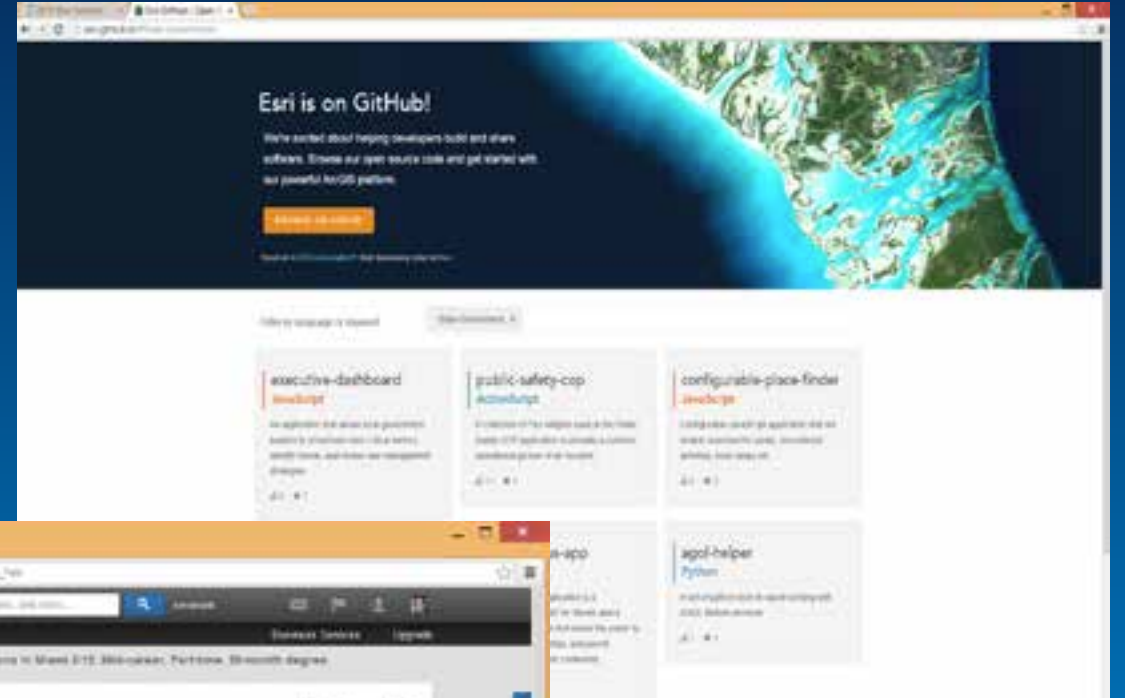
Continuously Evolving Solution Offering

The Community

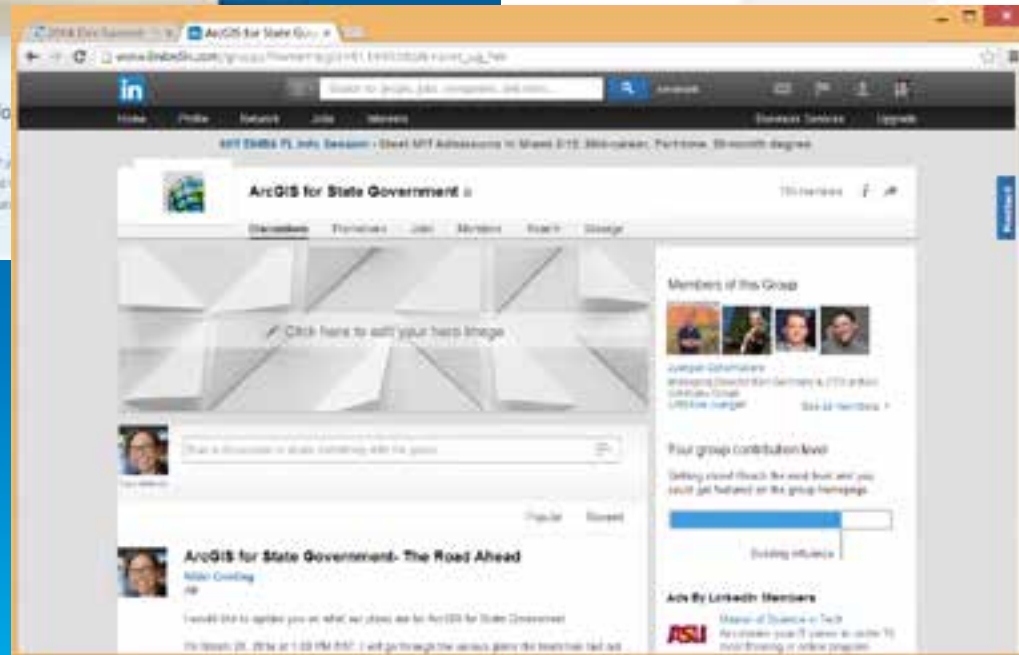
It's not just about the technology



Destination where government's can collaborate



Place where developers can contribute to



Ongoing dialog to share success stories and learn from others

It's a Process

Continuously Evolving Solution Offering

- New maps and apps
 - Health, Transportation, Economic Development, Data Aggregation patterns etc.
- Ongoing application updates
 - New UI, enhanced device support, new features, bug fixes, etc.
- Continued Community Engagement

Summary

- Identify the business needs of your organization
- Select a configuration pattern that makes sense for your organization
- Configure quickly, customize if necessary
- Leverage ArcGIS Online web application templates
- Participate in the community
 - Join our LinkedIn Group
- Don't hesitate to ask for help from
 - Esri, Partners, Peers

Thank You



<http://solutions.arcgis.com/state-government>



<http://www.linkedin.com/groups?gid=5114903>



@ArcGISStateGov



<http://esri.github.com>



Understanding our world.