DRCOG Web Map Applications
+ ArcGIS Experience Builder
ArcGIS Experience Builder

A new way of building web apps
DRCOG Web Map Applications
+ ArcGIS Experience Builder
• Background of Web Map Applications + Leaflet Template
• Transition to ArcGIS Online
• Experience Builder Demo + new DRCOG Template
• Questions
Bike Routes
Discover the regional cycling network, including bike routes, bike share stations, and RTD Park-N-Ride locations.

AAA Facilities
Find nursing homes and assisted living facilities in the eight-county area Agency on Aging region.

Signal Timing Briefs
Get information on traffic signal timing projects completed through local and regional partnerships.

RTP Projects
Learn about the major roadway and rapid transit capacity projects funded in the 2060 Regional Transportation Plan.

TIP Projects
Learn about roadway, transit, and bicycler/pedestrian projects to be completed with federal funds.

Traffic Counts
Investigate traffic volume data for the region from 2018 to 2019 and discover which corridors are busier.

Schoolpool
View locations that use DRCOG Schoolpool program to help families get children on and from school.

Bicycle and Pedestrian Crashes
Investigate bicycle and pedestrian crash data for the region.
BootLeaf

A simple, responsive template for building web mapping applications with Bootstrap, Leaflet, and typeahead.js.

Demo:
http://bmcbride.github.io/bootleaf/

Features:
- Fullscreen mobile-friendly map template with responsive Navbar and modal placeholders
- jQuery loading of external GeoJSON files
- Logical multiple layer marker clustering via the leaflet marker cluster plugin
Steps of Transition

- Inventory Web Map Applications + Interview Owners
- Review Interviews and Create Development Plan
- Prepare Data + Templates in ArcGIS Online
  - Load and Organize Data
  - Build Maps
  - Basemap Gallery
  - XB Template (Drafts DRCOG CAM Review)
- Build Web Map Applications
- Review, Publish and Share!
1. Describe the map. What is the purpose of the map? What are the key features?
2. How do the colors and symbols help communicate the data?
3. Is there a legend or key to understand the map?
4. Are there any trends or patterns visible on the map?
5. What insights or conclusions can be drawn from the map?
6. How does the map support decision-making or analysis?
Steps of Transition

- Inventory Web Map Applications + Interview Owners
- **Review Interviews and Create Development Plan**
- Prepare Data + Templates in ArcGIS Online
  - Load and Organize Data
  - Build Input Maps
  - Basemap Gallery
  - XB Template (Drafts DRCOG CAM Review)
- Duplicate Template + Build Web Map Applications
- Review, Publish and Share!
ArcGIS API for JavaScript

Everything you need to build a compelling location experience for your business

Get Started

Tutorials
Use tutorials to start building an app with the ArcGIS API for JavaScript.

Guide
Learn how to do mapping, geocoding, routing, and other spatial analytics.

Version 4.16 - July 2020 - Looking for v3.33?

Get the API

What's new
Deploy the experience

To deploy the experience on your web server, complete the following steps:

1. Unzip the downloaded experience and copy the folder to your web server.
2. If your app has private content, complete steps 3-6, otherwise your experience is deployed.
3. Add and register the app. See Add apps and Register your app for details.
4. Copy the AppID and open the app config.json file.
5. Create a clientId property under the attributes object.
6. Paste the AppID in the clientId property in the app config.json file. Save the file.

```
"attributes": {
  "portalUrl": "https://exb.maps.arcgis.com",
  "clientId": "EXBAPPsag0XRtpj"
},
```

The app is now available by browsing to your server/app name/index.html.
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<td>Jul 20, 2020</td>
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Create a custom basemap gallery for your organization

A basemap provides the geographic context for the layers you want to display in a map. When you create a new map or scene, you can choose which basemap you want using the basemap gallery.
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Conclusions

- Easy(ish)!
  - Initial creation from template is quick
  - Updates and changes to data easy for entire GIS team

- Welcome map requests from our internal teams
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THANK YOU!