



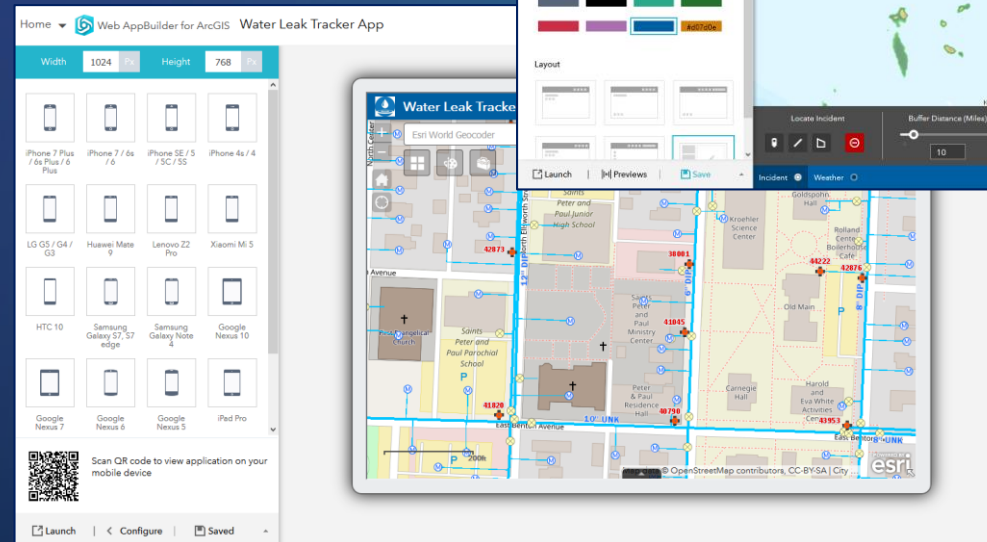
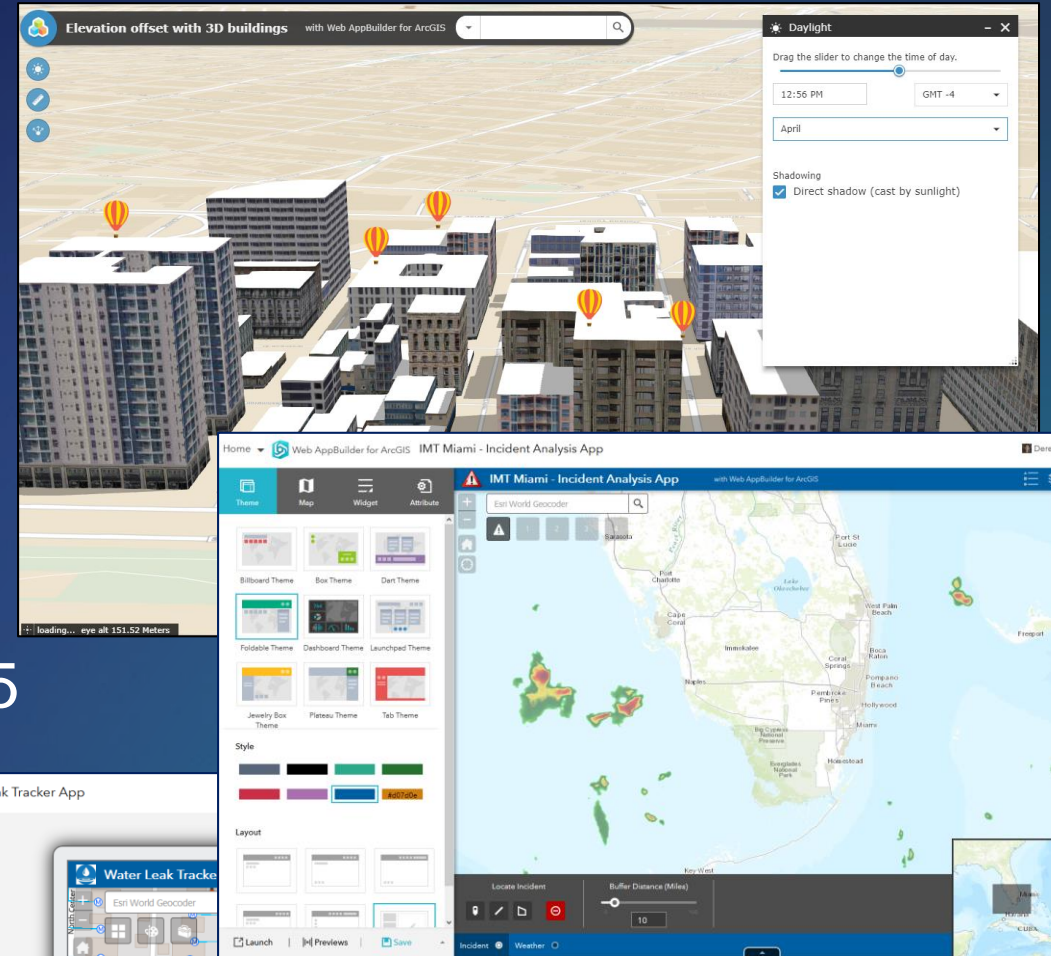
Web AppBuilder for ArcGIS: An Introduction

Shelby Hines | October 11, 2018

**GIS
INSPIRING
WHAT'S
NEXT**

Web AppBuilder for ArcGIS

- Create new apps without coding
 - Interactive WYSIWYG user experience
 - 2D and 3D apps
 - 2D apps run in the browser on any device
- Integrated with the ArcGIS Platform
- Built with ArcGIS API for JavaScript / HTML5
 - Extensible



Web AppBuilder for ArcGIS editions

- ArcGIS Online and Enterprise
 - Embedded in the website
- Developer edition
 - Download and install locally
 - Sign in to ArcGIS Online / Enterprise



ArcGIS Online



ArcGIS Enterprise



Web AppBuilder live sites showcase

- ArcGIS Online group
 - Organizations and individuals can promote their apps

Web AppBuilder for ArcGIS - Live Sites Showcase

Overview Content Members

A collection of live sites that were built using Web AppBuilder for ArcGIS.
owned by Law

Description

This group contains a collection of live web apps that were built using Web AppBuilder for ArcGIS. The intent is to showcase the many different use cases that Web AppBuilder for ArcGIS can address, as well as help spark ideas for other users.

Web AppBuilder for ArcGIS enables you to create new custom web mapping applications in an intuitive, easy to use, WYSIWYG wizard-like environment. It provides you with the optimal means to create and deploy new web apps without programming. Built on the ArcGIS API for JavaScript and HTML5 responsive technology, you can create apps that can run on any device. This includes desktops, smart phones, and tablets.

Organizations and individual users are welcome to promote their web apps built on Web AppBuilder for ArcGIS in this group.

If you have a web app that you would like added to this group, please contact Derek Law (dlaw@esri.com).

Latest Content

Thumbnail	Title	Updated	View Count
	Top 100 - Canada's Big...	Updated: Apr 25, 2018	View Count: 233
	Centennial's Parcels an...	Updated: Apr 11, 2018	View Count: 1
	Centennial's Interactiv...	Updated: Apr 11, 2018	View Count: 0
	Stadtplan der Stadt Lei...	Updated: Mar 16, 2018	View Count: 13

Gallery

Web AppBuilder for ArcGIS - Live Sites Showcase

This group contains a collection of live web apps that were built using Web AppBuilder for ArcGIS. The intent is to showcase the many different use cases that Web AppBuilder for ArcGIS can address, as well as help spark ideas for other users.

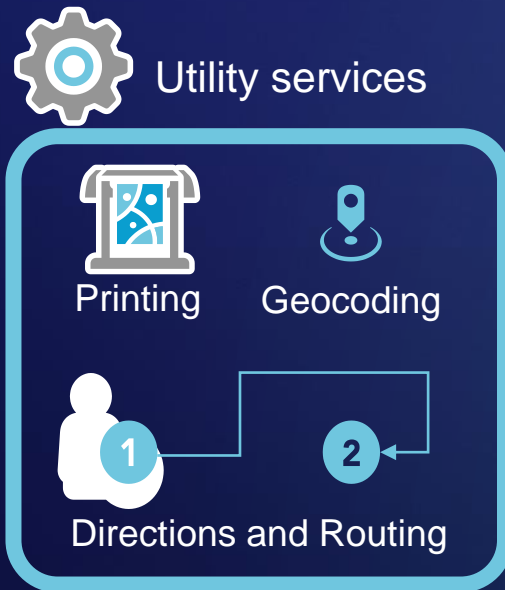
Tags

2015 2017 3D abandoned bicycle Accessibility ACT Parks and Conservation Service Adams County Address adopt Adopt-A-Road agriculture Alaska Airport Runways Alaska Alberta annual reports antelope APFO AR Arapahoe County Archaeology Arizona Arkansas Assessor assessor Asset Atlanta atV Aurora Australia AVL Base Map Bavaria Belleville beta bicycle parking Bicycle Trails big game bighorn sheep bike Birds Directive bison Boone County Boone County GIS Boone County Planning Commission Boundaries Bridges Britain broken main Buildings bus bus routes Business business Bürger Cadastral Calhoun California california campus Canada Canadian Canberra Capital Improvement Plan capital plan capital program Carnegie Museum of Natural History ccpa CCPA Central Iowa Central Iowa Trails Chester County Chicago children under 13 Cities Citizens city City Council City Map City Maps Gallery City of Atlanta City of Aurora City of Bayswater City of Decatur City of Kitakyushu CityMap

Thumbnail	Title	Type
	Atlas of Hillforts	Web Mapping Application
	St. Louis 2017 Flooding - Swipe App	Web Mapping Application
	Local Shops - Macomb County, MI	Web Mapping Application
	Economic Investments - Macomb County, MI	Web Mapping Application
	Adopt-A-Road	Web Mapping Application
	National Energy Board of Canada - Interactive	Web Mapping Application
	NYC Flood Hazard Mapper	Web Mapping Application
	University of Minnesota, Twin	Web Mapping Application
	Maricopa County Assessor Parcel	Web Mapping Application
	Chester County Medication Drop Box	Web Mapping Application
	Evesham Hydrant Flushing Status	Web Mapping Application
	Clovio Unified School District Online Map	Web Mapping Application
	Property Mapper - Cumberland County	Web Mapping Application
	Agricultural Resources	Web Mapping Application
	Greater London Crime Prediction	Web Mapping Application
	City of Edinburgh Council 20mph	Web Mapping Application
	Metro Transit System Map Viewer	Web Mapping Application
	Sheriff Crime Map Mobile Friendly	Web Mapping Application
	Property Search Mobile Friendly	Web Mapping Application
	Shawnee County Sheriff Crime Map	Web Mapping Application
	Shawnee County, KS Property Search Mobile Friendly	Web Mapping Application
	Wyoming Travel Information Map	Web Mapping Application

Preparing content for your apps

- Use web maps and web scenes
 - Create and share your content
 - Integrate ArcGIS Living Atlas of the World content
- Configure utility services



Workflow: Creating a new app



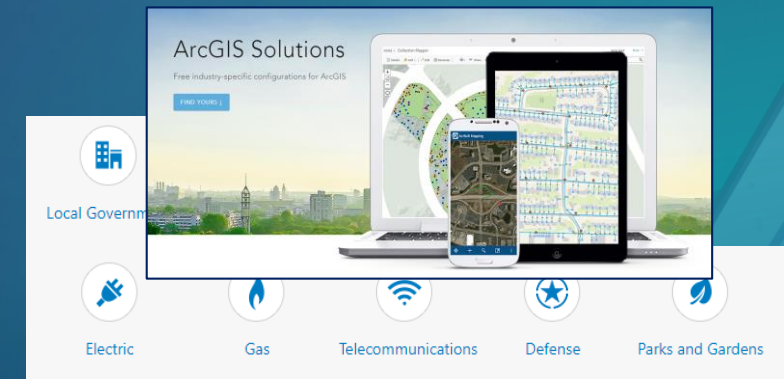
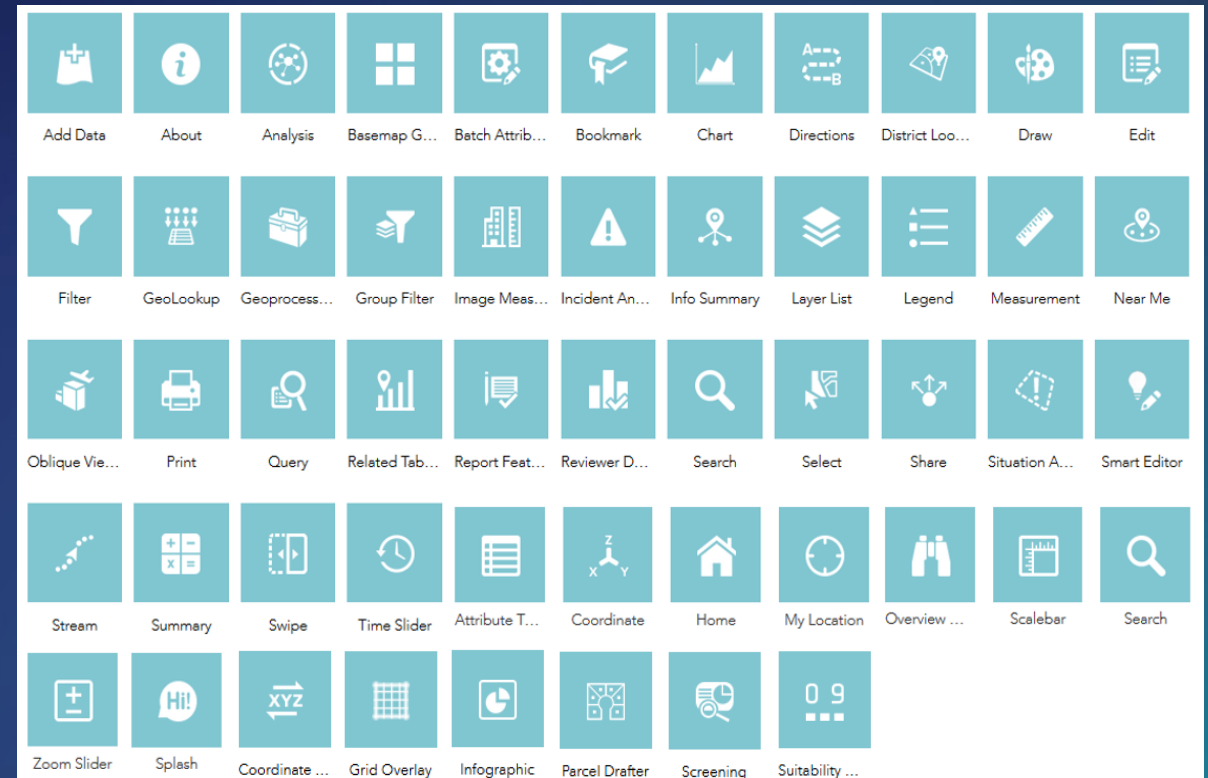
2D widgets

- Foundation

- Navigation
- Filter
- Query
- Search
- Bookmark
- Geocode
- Legend
- Swipe
- Geoprocessing
- Edit
- Infographic

- Solutions

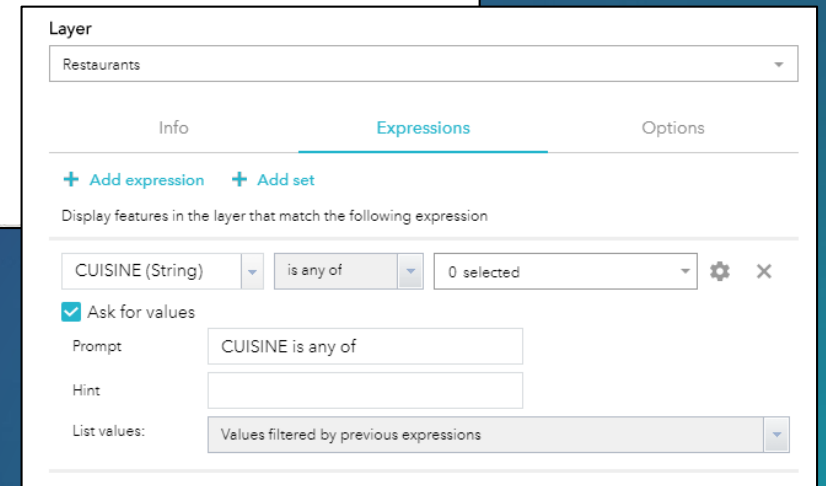
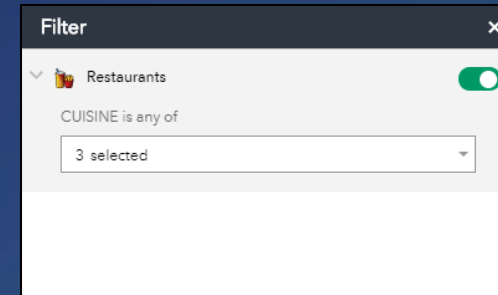
- Near me
- Smart Editor
- Grid Overlay
- Screening
- Public Notification
- Situation Awareness
- Parcel Drafter
- Suitability Modeler
- Info Summary
- District Lookup
- Emergency Response Guide





Filter

- Apply expressions to filter map features
 - Single expression or a set (multiple)
 - Supports relative dates
 - Multi-selection
- Filter options
 - Remove preset filters from the map
 - Apply filter when widget is opened
 - Zoom to layer after filter is applied
 - Allow custom filters





Near Me

- Locate features within a buffer area
 - Address or location
- Near Me options
 - Search source settings
 - Draw selected search layer results
 - Max results to return
 - Get directions

Set location

DECO

NORTH HOUSTON

7514 Barker Cypress Rd, Houston, Texas, 77095

Show results within 5 Miles

0 15

houston-shelters

Information Directions

00:07 6 min typically 2.62 miles

1. Start at 7514 Barker Cypress Rd, Houston, Texas, 77095

10:28 AM GMT-0500

2. Go north on Barker Cypress Rd toward Western Pass Ln

0.11 mi

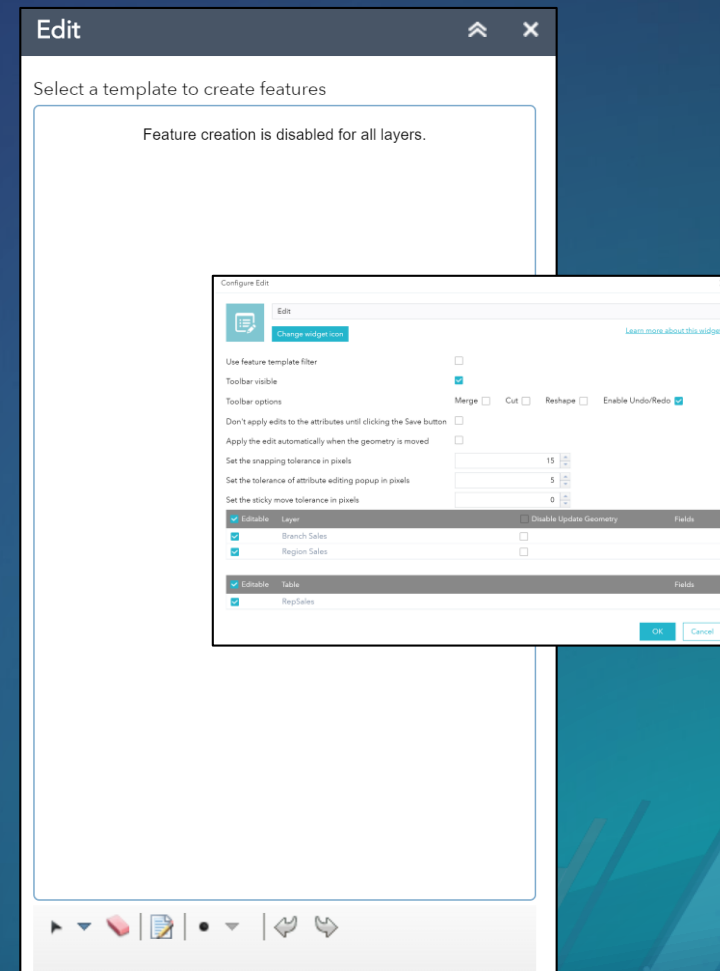
3. Make U-turn at Western Pass Ln and go back on Barker Cypress Rd

1.59 mi · 4 min



Edit

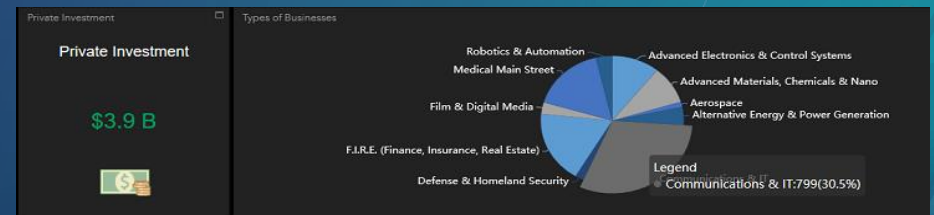
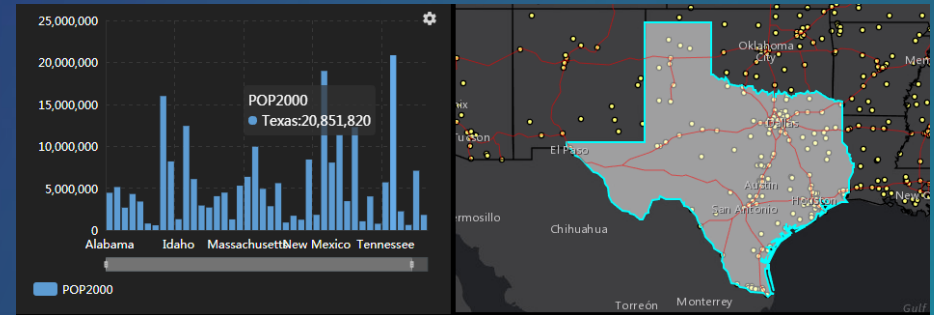
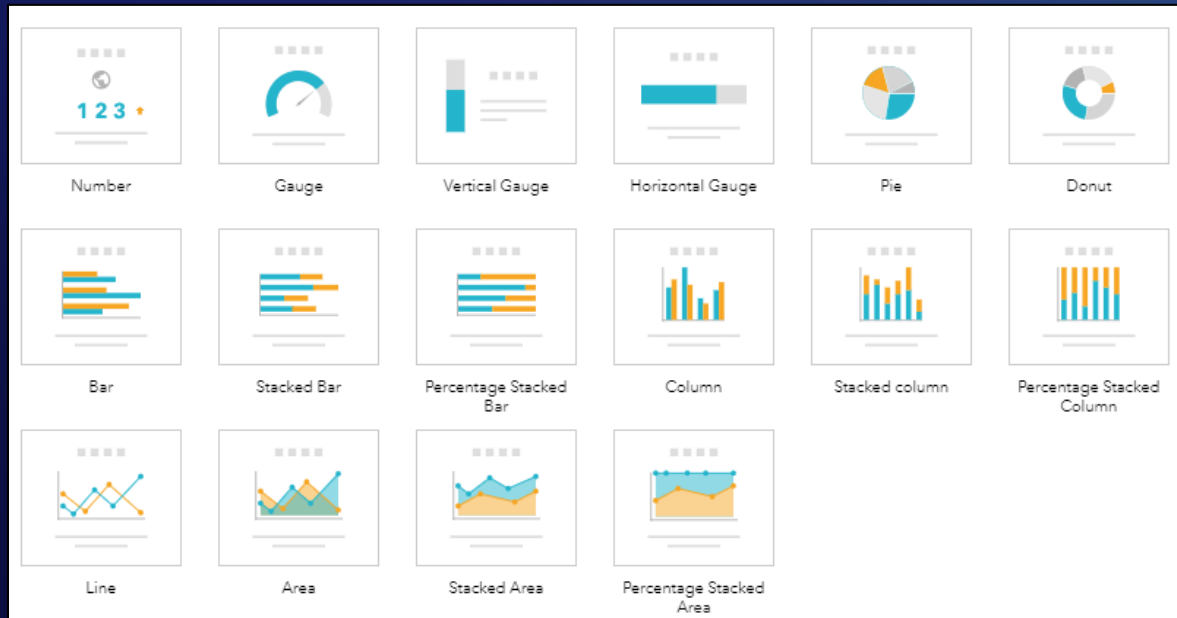
- Create, update, and delete features and attributes
 - Support editing related tables
- Editor options
 - Merge, cut, reshape and undo/redo
 - Apply edits to attributes using Save button
 - Enable geometry edit by default when geometry is moved





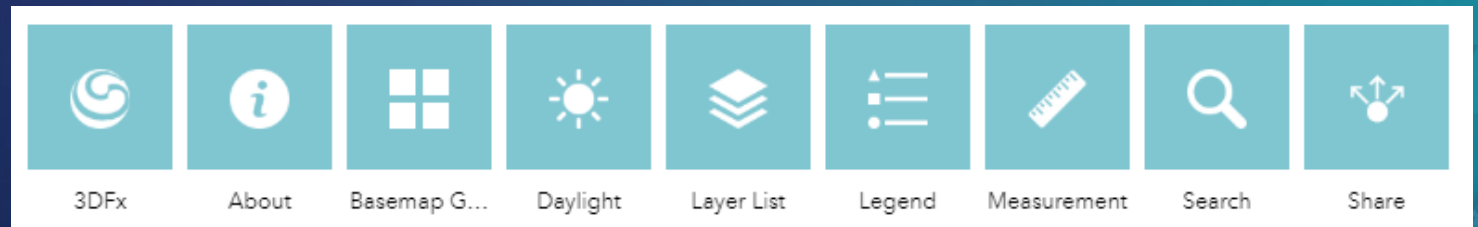
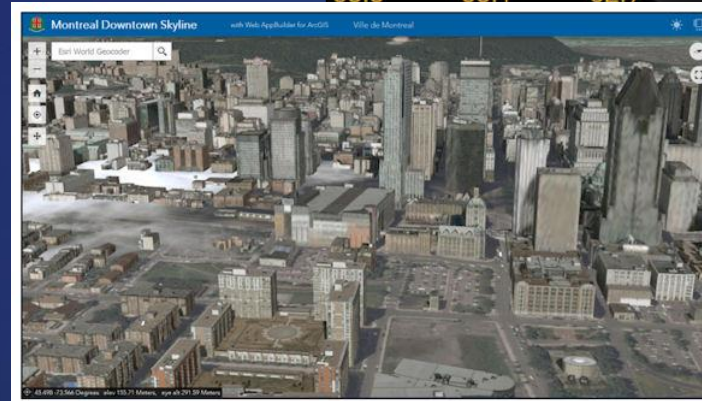
Infographic

- Visualize and monitor attributes and statistical data
 - 16 graphic templates
 - Dynamic refresh when map or data source changes
 - Works with Filter and Select widgets



3D widgets

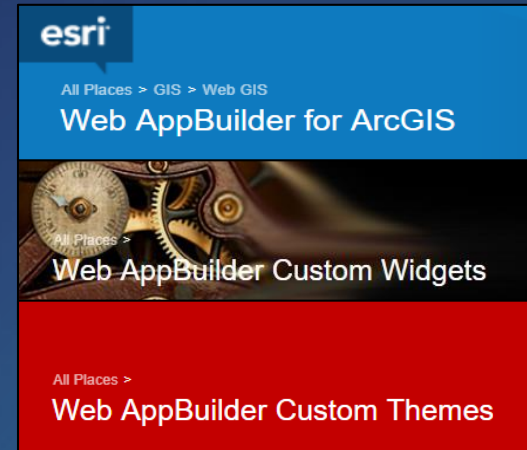
- Navigation
- Compass
- Measurement
- Coordinates
- Slides
- Share
- Basemap Gallery
- Daylight
- 3DFx



Community resources

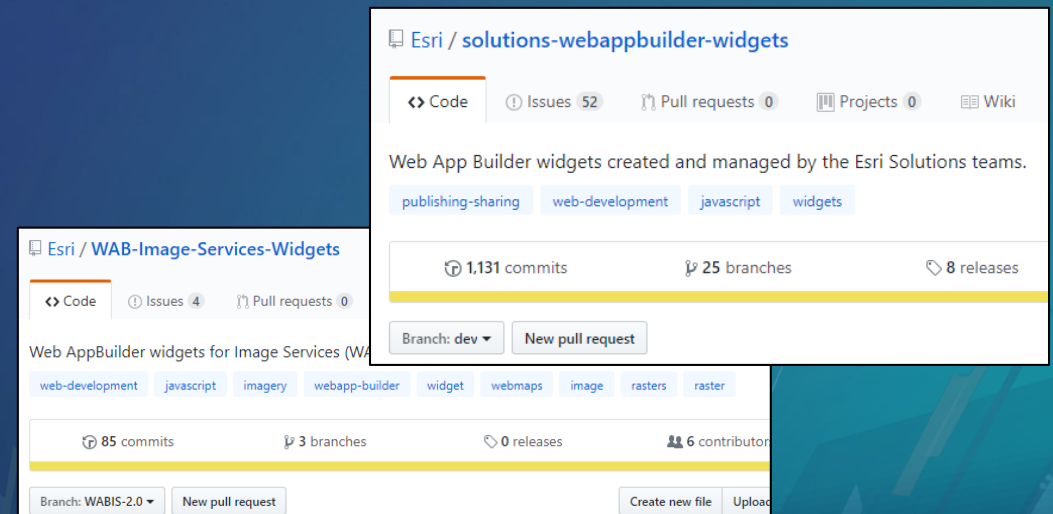
- GeoNet

- Product community: *Web AppBuilder for ArcGIS*
- Developer Group: *Web AppBuilder Custom widgets*
- Developer Group: *Web AppBuilder Custom themes*



- GitHub

- Esri Solutions team widgets
- Esri Raster team widgets (Image services)





esri

**THE
SCIENCE
OF
WHERE**