



Public Safety Widgets for the Web AppBuilder for ArcGIS

Jo Fraley

What is Web AppBuilder

Developer Edition

Custom Widgets

Sharing

Q & A

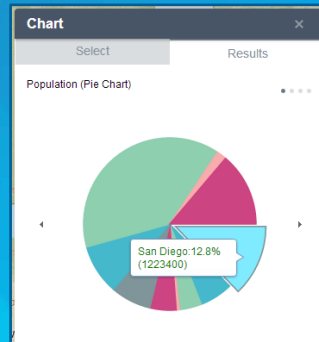
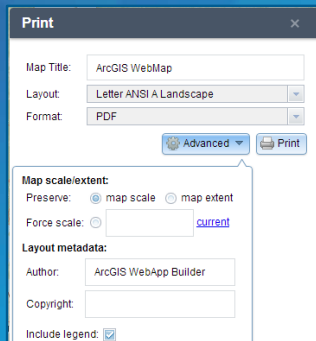
Web AppBuilder for ArcGIS

- **New functionality within ArcGIS Online and Portal for ArcGIS**
 - ArcGIS Online since Dec 2014
 - Portal for ArcGIS in 10.3
- **Enables new apps to be created without coding**
 - Interactive WYSIWYG UE
 - Deploy to web browsers and mobile devices
- **Fully integrated with the ArcGIS Platform**
- **Built with ArcGIS API for JavaScript and HTML 5 technology**
- **Extensible**



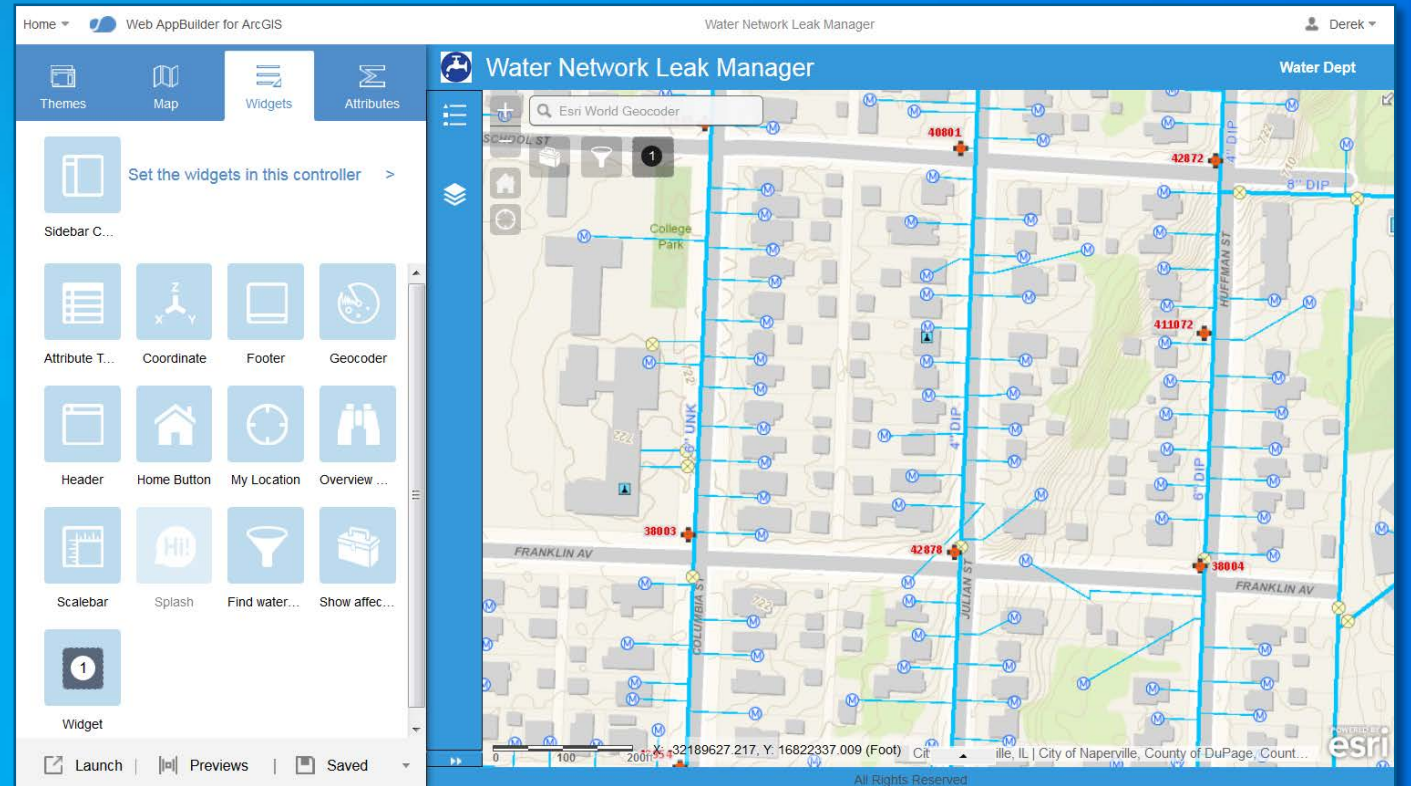
Web AppBuilder for ArcGIS

Create new web apps without programming



Latitude	Longitude	Date	City	State	Country	Event	Tour	Venue	url	FID	CreationDate	Creator	EditDate
29.730278	-95.4316	4/5/1992 6:00:00 PM	Houston	TX	USA		Zoo's 1st Leg	The Summit	http://en.wikipedia.org	12	4/8/2013 10:25:55 AM	cmahlik_jrjsh	6/8/2013 10:25:55 AM
41.311488	-72.920511	12/13/1889 4:08:00 PM	New Haven	CT	USA		Boy 2nd Leg	Toad's Place	http://www.loadip.13		4/8/2013 10:25:55 AM	cmahlik_jrjsh	6/8/2013 10:25:55 AM
33.279398	-87.732278	4/6/1992 9:00:00 PM	Austin	TX	USA		Zoo's 1st Leg	Frank Green Center	http://en.wikipedia.org	14	4/8/2013 10:25:55 AM	cmahlik_jrjsh	6/8/2013 10:25:55 AM
38.851039	-75.933808	12/14/1889 4:08:00 PM	Philadelphia	PA	USA		Boy 2nd Leg	Blow-Cale		15	4/8/2013 10:25:55 AM	cmahlik_jrjsh	6/8/2013 10:25:55 AM
33.424517	111.930043	4/6/1992 9:00:00 PM	Tempe	AZ	USA		Zoo's 1st Leg	Arboret Center Arizona State U	http://en.wikipedia.org	16	4/8/2013 10:25:55 AM	cmahlik_jrjsh	6/8/2013 10:25:55 AM

20+ widgets



Web AppBuilder Developer Edition

- **Download and install locally**
 - Sign into ArcGIS Online or Portal for ArcGIS
 - Same user “builder” experience as embedded Web AppBuilder
 - Work with custom widgets, panels, and themes
- Create web apps on your own computer
- **Apps created with the Developer Edition are *NOT* automatically upgraded when you upgrade your portal**



Web AppBuilder for ArcGIS (Developer Edition)

Home

Guide

API Reference

Sample Code

Forum

Download Current version 1.1 (March 2015)

Get the Developer Edition to create custom widgets and themes. Boost your productivity by extending the framework. Build powerful GIS apps that run on desktops, tablets and smartphones.

 **DOWNLOAD**

[Supported Browsers](#) | [License](#) | [Key Features](#)

Install and set up

Instructions are provided to help you install and start the Web AppBuilder for ArcGIS.

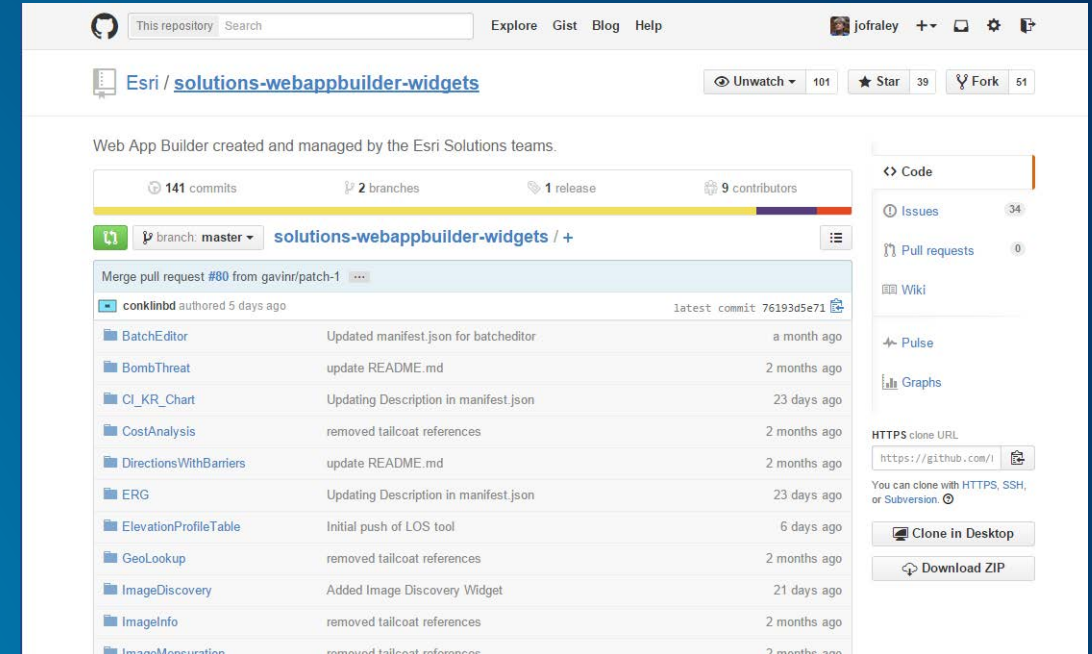
GET STARTED

How to get started

Web AppBuilder for ArcGIS

Custom Widgets for Public Safety

- Bomb Threat Standoff Distances
- Emergency Response Guide
- Directions with Barriers
- Critical Infrastructure Chart
- MissionEditor
- Where to download:
 - <https://github.com/Esri/solutions-webappbuilder-widgets>
- Associated Geoprocessing Tools
 - <https://github.com/Esri/solutions-geoprocessing-toolbox>



Other custom widgets

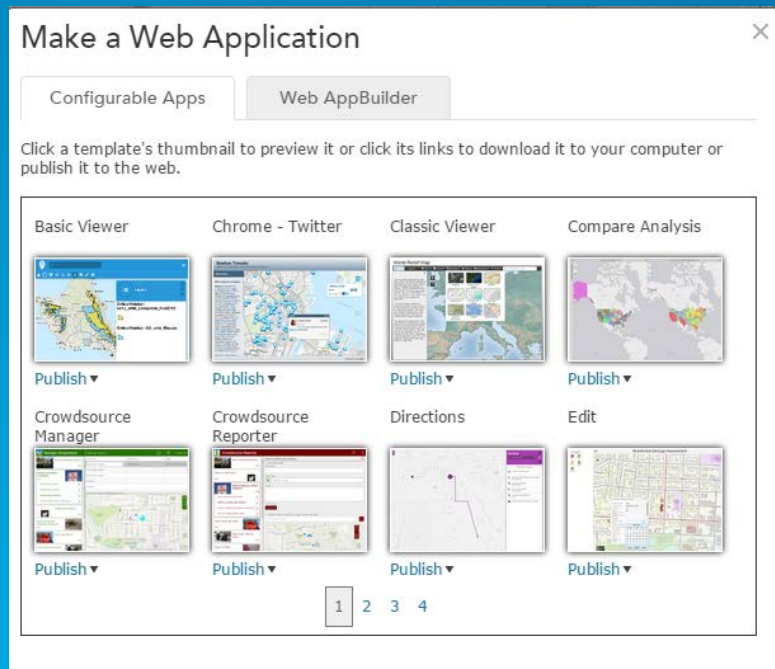
- Community on GeoNet

- <https://geonet.esri.com/groups/web-app-builder-custom-widgets>

The screenshot displays the Esri GeoNet community interface. At the top, the Esri logo is on the left, and navigation links for Industries, Products, Support & Services, About, and Community are on the right. Below this is the GeoNet header with the tagline 'The Esri Community'. A secondary navigation bar includes Home, Content, People, Places, and Map, along with a search bar. The main content area is for the 'Web AppBuilder Custom Widgets' group, featuring a banner image and navigation tabs for Activity, Content, People, Projects, and Calendar. An announcement banner is visible, followed by a 'CREATE' section with options for Status Update, Discussion, Uploaded File, and Document. A text input field contains the placeholder 'What's going on?'. The 'RECENT ACTIVITY' section shows a post by Brandon Keinath titled 'How do I add "suggest" functionality to geocoder in web app builder', dated 1 week ago. The post content reads: 'I've created a geocoder using 10.3 arcmap that we are running in a web app builder application hosted on our 10.3 arcgis server. I understand from a conversation with ESRI that the "suggest"...'. Below the post are options to Like (0), Reply, and Share, and a note that there are 11 replies. On the right side, a 'TOP PARTICIPANTS' list includes Robert Scheitlin, GISP, Rebecca Strauch, Barnaby Rockwell, Stan McShinsky, Larry Stout, and Adam Drackley.

Sharing









Template



Make a Web Application

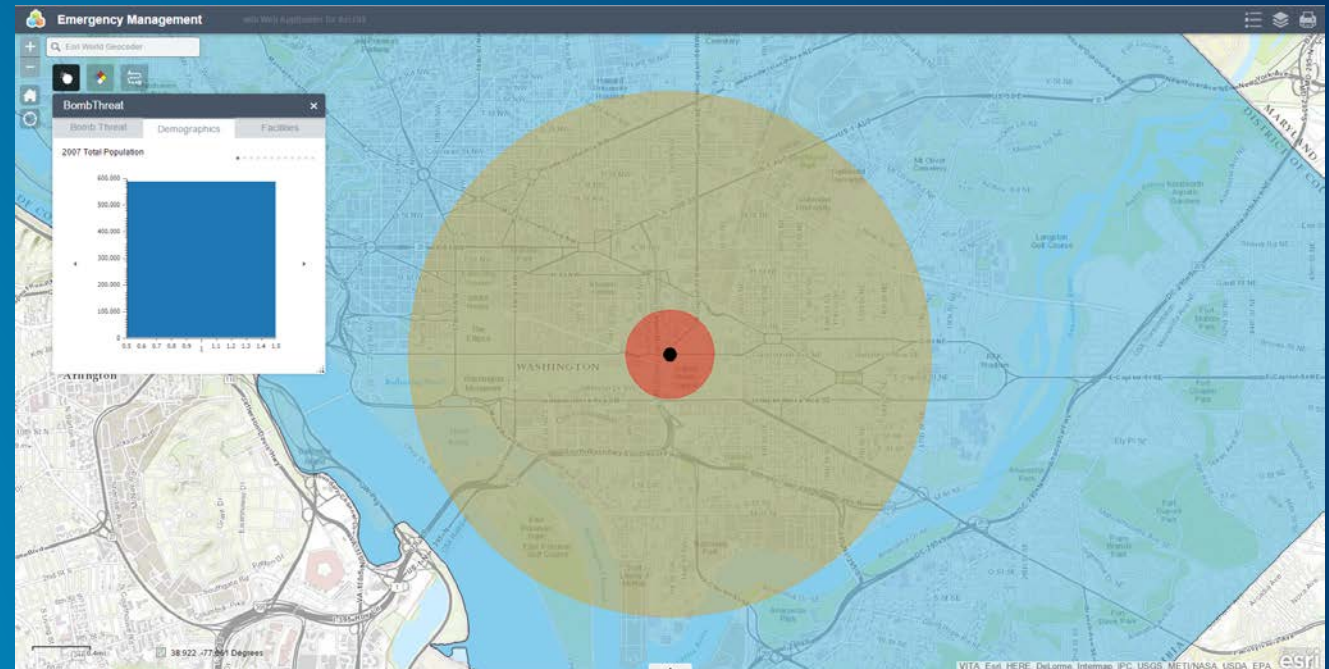
Configurable Apps | **Web AppBuilder**

Click a template's thumbnail to preview it or click its links to download it to your computer or publish it to the web.

Basic Viewer	Chrome - Twitter	Classic Viewer	Compare Analysis
			
Publish	Publish	Publish	Publish
Crowdsource Manager	Crowdsource Reporter	Directions	Edit
			
Publish	Publish	Publish	Publish

1 2 3 4

Web Application



Emergency Management

East World Geocoder

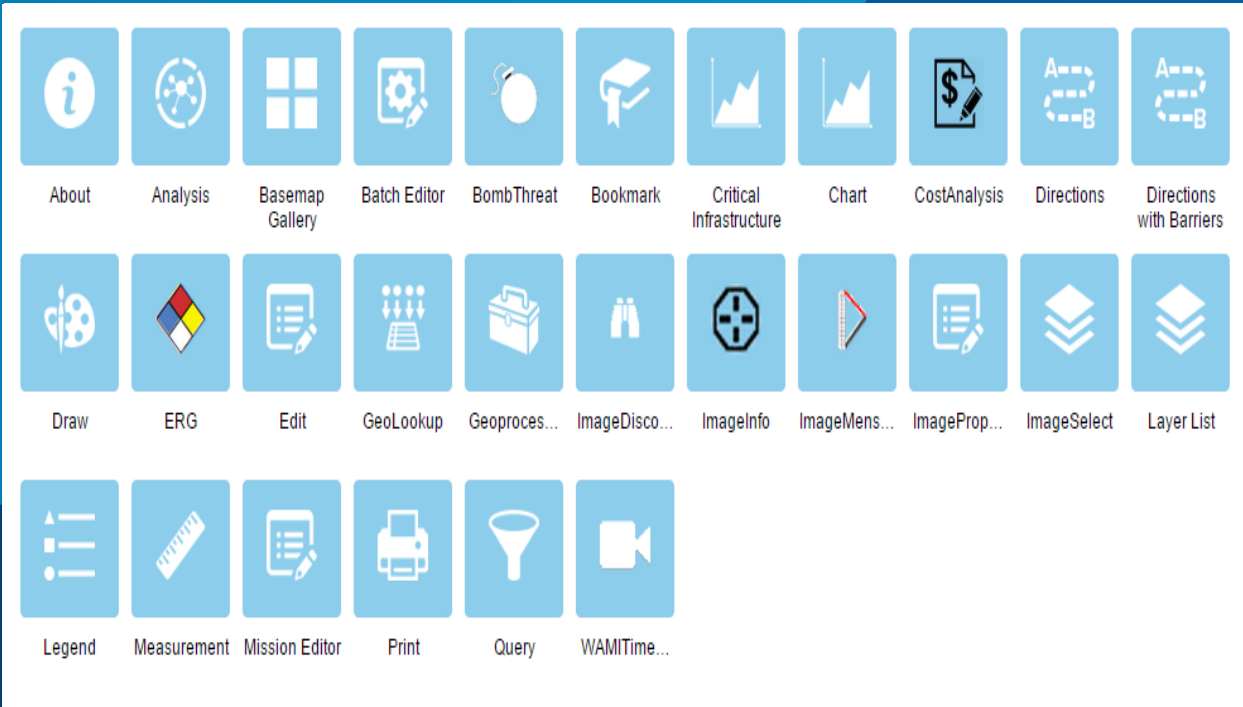
Bomb Threat

2007 Total Population

Population
0
100,000
200,000
300,000
400,000
500,000
600,000

38.922, -77.061 Degrees

VITA, Esri, HERE, DeLorme, Intermap, iPC, USGS, METNUSA, USDA, EPA, Esri



Widgets and Sharing

Questions?

Other Web AppBuilder Sessions

- **Using Web AppBuilder for ArcGIS to Support Investigative Analysis**
 - **Public Safety Demo Theatre: Wednesday 2:30 – 2:55 pm**
- **Web AppBuilder deployment patterns**
 - **Demo Theatre: Online GIS Exhibit Hall C: Wednesday 5:30 – 6:15 pm**



Understanding our world.