

# Build Your Own Apps with Web AppBuilder for ArcGIS

Implementing web-based GIS  
applications has never been easier



# Web AppBuilder for ArcGIS - Overview

The screenshot shows the top navigation bar with links for ArcGIS, Features, Plans, Gallery, Map, Scene, and Help. On the right, there is a search icon, a 'Sign In' button, and a language dropdown set to 'English'. Below the navigation is a blue header with the text 'Web AppBuilder for ArcGIS' and a menu with 'Home', 'Create Apps', 'Manage Apps', and 'Extend Apps'. A search bar contains the text 'Search Web AppBuilder for ArcGIS'. The main content area features the text 'Build powerful GIS apps that run on any device. No coding required.' and a link to 'Live Sites Showcase'. A 'What's new' section highlights a December 2016 update with a 'Learn more' button.

- Integrated with ESRI platform for sharing information
- Build and seriously customize your applications with detailed configurations and options.
- Flex Viewer Replacement. And Its Better.
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# Web AppBuilder – Overview

- Easily configure SUPPORTED web applications
- Users, plans and credits *may still apply*
- Mobile compatibility / integration (<https> for location)
- Dev Edition for Customizing or Security Policies

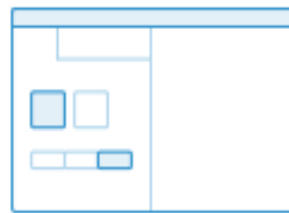


# Web AppBuilder - Overview

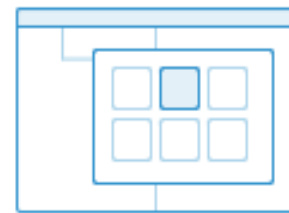
- Documentation is great
- Step-by-step “5 Minutes to your first app”



**1** Create new app



**2** Pick style



**3** Select map



**4** Add widgets



**5** Configure attributes



**6** Preview and publish

# Building Maps and Applications

The screenshot displays a web application titled "My Map Application" built with Web AppBuilder for ArcGIS. The interface includes a navigation menu on the left with options like "Home", "My Map", "Details", "Add", "About", "Content", "Legend", "BusinessLocations", and "Parks". The main map area shows a street map with numerous red and green location markers. A search overlay is visible with options: "Search for Layers", "Browse Living Atlas Layers", "Add Layer from Web", and "Add Layer from File". A data table at the bottom lists details for selected features.

Facility Identifier	Name of Facility	Subtype Field	Feature Code	Full Address	Operational Days	Operational Hours	Size of Park	Website	Number of Parking Spaces	Restrooms Available
FAC-93	Wil-O-Way Park	820	Park	1408 W Jefferson Ave	Sun-Sat	Daylight	7.64	<a href="http://www.naper.org/parks">http://www.naper.org/parks</a>	0.00	No
FAC-94	East Greens	820	Park	249 White Oak Dr	Sun-Sat	Daylight	3.90	<a href="http://www.naper.org/parks">http://www.naper.org/parks</a>	4.00	No

15 features 0 selected

City of Naperville, County of DuPage, Ontario Base Map, Province of Ontario, Esri, HERE, DeLorme... esri

# Building Maps and Applications

My Map Application with Web AppBuilder for ArcGIS

Esri World Geocoder

Legend

- BusinessLocations
- Parks

Facility Identifier	Name of Facility	Subtype Field	Feature Code	Full Address	Operational Days	Operational Hours	Size of Park	Website	Number of Parking Spaces	Restrooms Available	ADA Compliant
FAC-93	Wil-O-Way Park	820	Park	1408 W Jefferson Ave	Sun-Sat	Daylight	7.64	<a href="http://www.naper/parks">http://www.naper/parks</a>	0.00	No	Yes
FAC-94	East Greens	820	Park	249 White Oak Dr	Sun-Sat	Daylight	3.90	<a href="http://www.naper/marks">http://www.naper/marks</a>	4.00	No	Yes

15 features 0 selected

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# Web AppBuilder

## Notables

- Nearly 50 Configurable Widgets →
- Support for Related Records!
- Better Editing Environment
- Create Templates
- 

About widget

Add Data widget

Analysis widget

Attribute Table widget

Batch Attribute Editor widget

Basemap Gallery widget

Bookmark widget

Chart widget

Controller widget

Coordinate widget

Directions widget

District Lookup widget

Draw widget

Edit widget

Extent Navigate widget

Filter widget

Geocoder widget

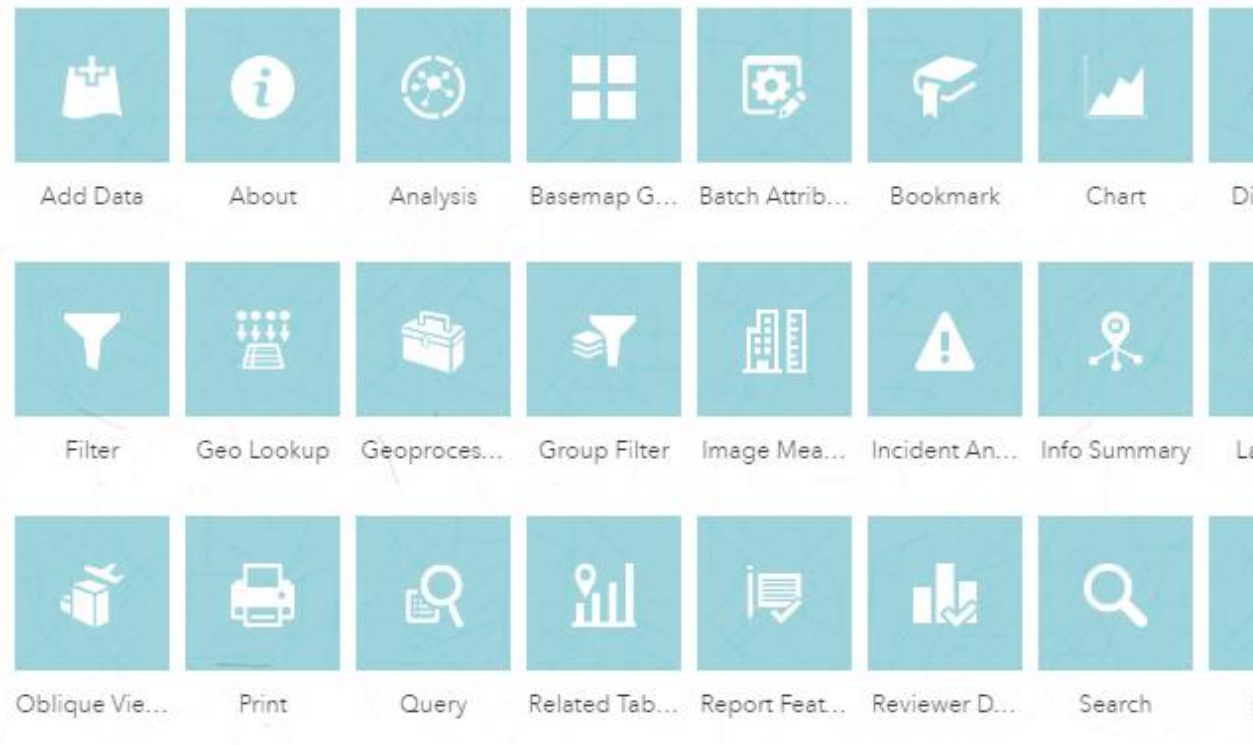
GeoLookup widget

Geoprocessing widget

Group Filter widget

# Widget Favs

- Splash
- About
- Search
- Select
- Info Summary
- Smart Editor
- Filter
- Query
- GeoLookup
- Attribute Table
- Add Data





# Dev Edition Examples

## Tazewell County GIS Viewer

- More Detailed Identify / Query
- Print Plus

The screenshot displays the Tazewell County GIS Viewer interface. The main map area shows a satellite view of a rural property with a red rectangular print layout overlay. The layout includes a search bar at the top left with the text "Search Address or PIN" and a search icon. The map shows several parcels, with one parcel highlighted in cyan. The parcel information panel on the right is titled "Parcel Information" and displays the following details:

Parcel Information	
PIN	05-05-36-200-019
Address	UNSICKER RD
City/Zip	MORTON IL 61550
Township	GROVELAND,05
Total Acres	20.43
Homesite Acres	20.43
Farm Acres	0.00
Short Legal	SEC 36 T25N R4W TRACT A IN SE 1/4 SE 1/4 SEC 25 & TRACT B & 9.99 AC TRACT ADJ NLY NE 1/4 NE 1/4 20.43 AC TOTAL
Assessments	
Assessed	August 8, 2016
Non Farm Land	0.00
Farm Land	0.00
Non Farm Building	0.00
Farm Building	0.00
Tax Code	05038
(If Sale) Price & Date	-
Other Links:	
<a href="#">Tax Data/3 Page PDF/Property Data</a>	

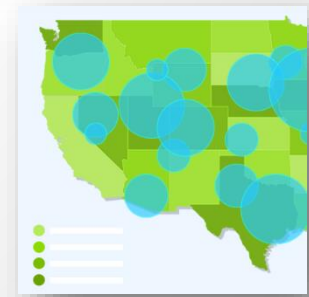
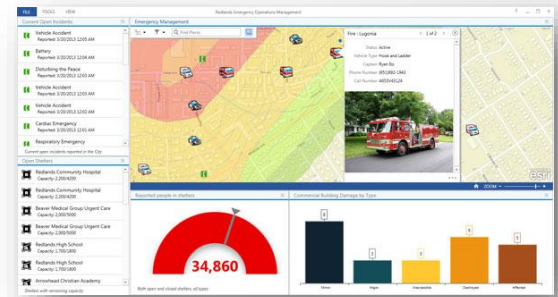
At the bottom of the map, there is a red banner with the text: "Pan map inside layout to adjust the print area".

# Getting Started

- Documentation Landing Page
  - <http://doc.arcgis.com/en/web-appbuilder/>
  - See the Live Sites Showcase
    - Awesome Examples:
      - [Iowa Track a Plow](#)
      - [Wyoming Hunt Planner](#)
- Custom Widgets for Dev Edition
  - <https://geonet.esri.com/groups/web-app-builder-custom-widgets/content>
- Additional Resources:
  - [arcgis.com](http://arcgis.com) (see features, plans)
  - [learn.arcgis.com](http://learn.arcgis.com)
  - [video.arcgis.com](http://video.arcgis.com)

# Other ArcGIS Online Ideas

- Story Maps
- Data Collection
- SDE Data/Live Connection
- Operations Dashboard
- Other data available on ArcGIS Online
- Analysis
- 



# Closing

Questions?

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Thanks!

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