



Creating Apps Using ArcGIS Online Templates

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Topics we will cover

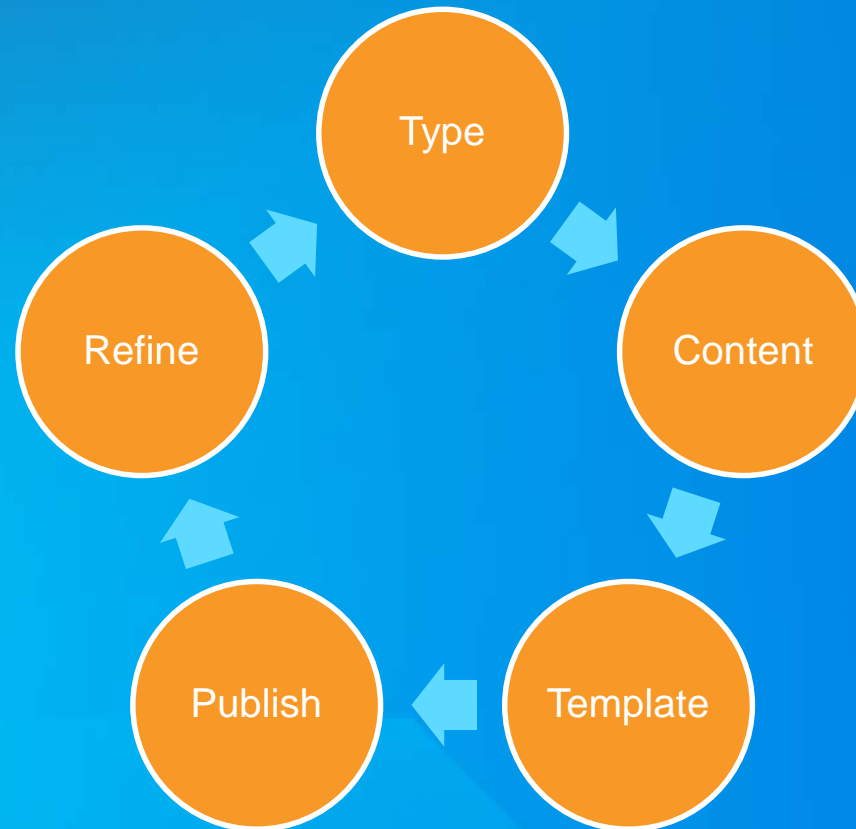
- **The publishing process**
- **Before you publish**
- **Where apps live**
- **Breakdown of apps**

The background features a vibrant blue gradient. On the left side, there are several overlapping geometric shapes: a large purple triangle pointing upwards, a yellow triangle pointing downwards, and a dark purple triangle pointing downwards. These shapes are layered, with the yellow one appearing to be in front of the purple ones. The overall aesthetic is modern and tech-oriented.

Publishing web app templates

The steps for publishing an app

1. Choose a type
2. Assemble content
3. Choose a template
4. Publish
5. Refine



Choosing a type

- The story
- The audience
- Audience knowledge
- Essential components
 - maps, photos, videos, etc...
- Map or group based









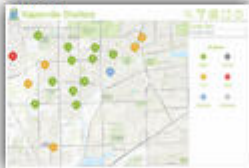

Decide which app best suits your story





Assemble content

- Author map services
- Create feature services for editing
- Leverage content from spreadsheets
- Author web maps
- Gather media (photos, videos, documents)
- Create groups

Choose a template

- 24 web app templates
- Configurable
- Open source
- Responsive

Basic Viewer  Create ▼	Compare Analysis  Create ▼	Directions  Create ▼	Edit  Create ▼
Elevation Profile  Create ▼	Filter  Create ▼	Find, Edit, and Filter  Create ▼	Finder  Create ▼
		1 2 3	

		1 5 3	
			

Publish and Refine

- **Verify goals met**
- **Add / delete functions as necessary**
- **Proofread**
- **Iterate**



Publish a web app

Demonstration



Before publishing

Improve appearance, enable functionality, ensure usability

Important map and layer properties

What you set in the map makes it to the app!

- **Search - [example](#)**
- **Bookmarks**
- **Time**
- **Copy layers**
- **Enable / disable editing - [example](#)**
- **Labels**
- **Refresh interval**
- **URL parameters – [example](#)**



Where to publish

Choose where your apps will live

Deployment Considerations

- **ArcGIS Online**

- Highly scalable, cloud environment
- No web server required
- Apps update when portal updates



- **On premise**

- IT legwork required
- Web server required
- Must update apps manually





Which app to choose?

A breakdown of apps by category



I need to **know where I am**

Apps that allow users to find their location on the map

- **Basic Viewer**
- **Directions**
- **Edit**
- **Filter**
- **Find, Edit, Filter**
- **Finder**
- **Geo Form**
- **Impact Summary**
- **Information Lookup**
- **Legend**
- **Local Perspective**
- **Map Tools**
- **Public Information**
- **Simple Map Viewer**
- **Story Map Series**
- **Story Map Swipe / Spyglass**



I need to **find addresses**

Apps that allow geosearch

- **Basic Viewer**
- **Directions**
- **Edit**
- **Elevation Profile**
- **Filter**
- **Geo Form**
- **Impact Summary**
- **Information Lookup**
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I need a **route**

Apps that provide routes and directions

- Directions
- Local Perspective

***subscription required**



I need a **legend**

Apps that provide a legend

- **Basic Viewer**
 - **Elevation Profile**
 - **Impact Summary**
 - **Legend**
 - **Map Tools**
 - **Public Information**
 - **Simple Map Viewer**
 - **Time Aware**
- **Story Maps**
 - **Basic**
 - **Journal**
 - **Map Series**
 - **Swipe / Spyglass**



I need to **change basemaps**

Apps that can toggle basemaps

- **Basic Viewer**
- **Edit**
- **Find, Edit, Filter**
- **Finder**
- **Geo Form**
- **Impact Summary**
- **Information Lookup**
- **Map Tools**
- **Public Information**
- **Summary Viewer**



I need to **search**

Apps that provide layer search

- **Basic Viewer**
- **Edit**
- **Elevation Profile**
- **Filter**
- **Find, Edit, Filter**
- **Finder**
- **Legend**
- **Map Tools**
- **Simple Map Viewer**



I need to **tell a story**

Apps that provide narrative

- **Story Maps**
 - **Basic**
 - **Journal**
 - **Series**
 - **Swipe / Spyglass**
 - **Tour**
- **Compare Analysis**
- **Impact Summary**
- **Legend**

Many more at storymaps.esri.com



I need **analysis**

Apps that have analysis / geoprocessing capability

- **Directions**
- **Elevation Profile**
- **Impact Summary**
- **Information Lookup**
- **Local Perspective**
- **Summary Viewer**



I need to **edit**

Apps that allow feature and attribute editing

- **Basic Viewer**
- **Edit**
- **Find, Edit, Filter**



I need to **print**

Apps that allow printing

- **Basic Viewer**
- **Finder**
- **Map Tools**



I need a **splash screen**

Apps that let you show a disclaimer upon launch

- **Information Lookup**
- **Public Information**



I need **other capabilities**

Other app capabilities not mentioned so far

- **Integrated demographics / geoenrichment**
- **Social media feeds**
- **Tables**
- **Weather**
- **Time**

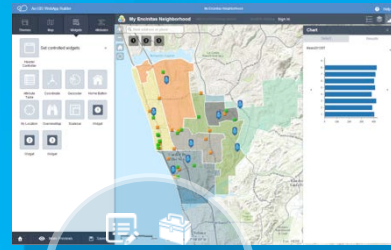
What if I need functions from 2 or more of these templates?!!?

Then you need Web AppBuilder

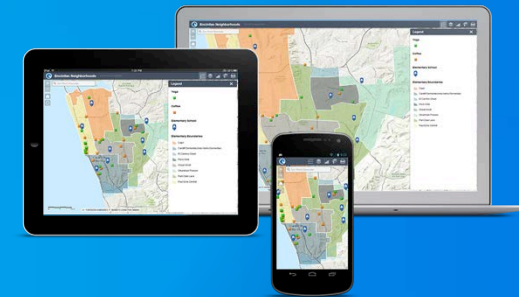
- Similar workflow
- 20 + widgets
- WYSIWYG configuration
- Same hosting options
- Don't over do it!

Web AppBuilder

Builder



Widgets



HTML5/JavaScript

Even more apps

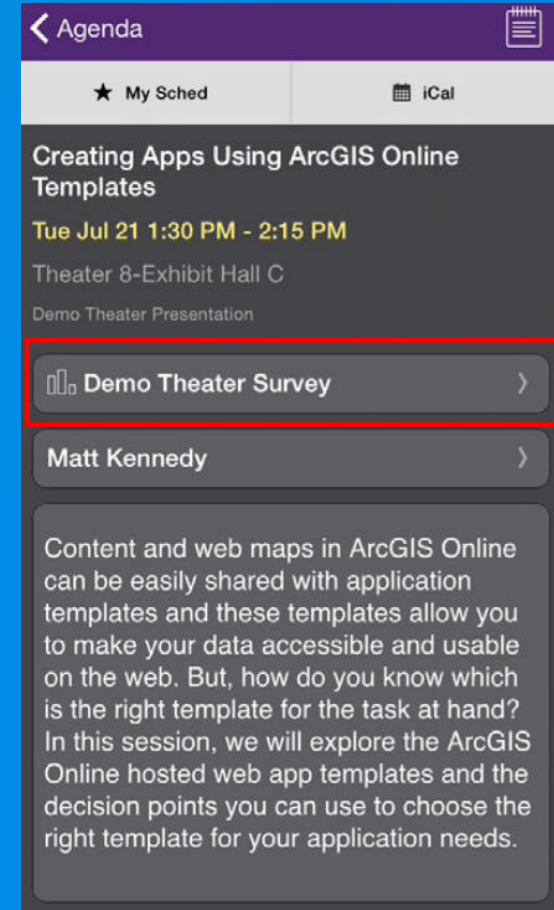
- **ArcGIS Solutions**
 - <http://solutions.arcgis.com>
- **Story Maps**
 - <http://storymaps.arcgis.com>
- **Early Adopter Templates**
 - <http://blogs.esri.com/esri/arcgis/2014/04/21/be-an-early-adopter/>
- **Web App Builder**
- **App Studio**

Learn more at the UC

- **Getting the Most of ArcGIS Web App Templates**
 - Tuesday 3:15 – 4:30, Room 01 A/B
- **ArcGIS Online: Deploying and Using Apps Across the Organization for Everyone**
 - Wednesday 3:15 – 4:30, Room 28 C
- **Essential Mapping Apps Overview**
 - Thursday 8:30 – 9:45, Ballroom 06 F

Thank you...

- Please fill out the session survey in your mobile app
- Search **Creating Apps Using ArcGIS Online Templates**
 - Use the Search Feature to quickly find this title
- Click “Demo Theater Survey”
- Answer a few short questions and enter any comments





Understanding our world.