



Customizing and extending ArcGIS Web App Templates

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What are templates?



Language support

图例 关于 图层

图例

▲ 登录到 Twitter

Flickr 照片过滤依据: Typhoon




Twitter 推文过滤依据:


Légende A propos Couches

Légende

CoolingDegreeDays1961_1990

CoolingDegreeDays1961_1990

 A 100 or less

 B 101 - 400


طبقات نبذة عن مفاتيح الخريطة

مفاتيح الخريطة


▲ تسجيل الدخول إلى Twitter

Flickr يتم تنقية الصور بواسطة:

Typhoon



Configurable

GeoForm BUILDER 

1. Start
2. Webmap
3. Layer
- 4. Details**
5. Fields
6. Style
7. Viewer
8. Options
9. Preview
10. Publish

Form Details

Use the Form Detail boxes below to customize the Title, add a cover image, and a description for your application. In the description you can add links to other resources or a website application featuring all of the data collected with the GeoForm.


Header Size

Use Small Header
 Use Large Header


Use large or small heading for your form. A large header may help it stand out on your screen.

Title

Logo Image



Disable Logo



The screenshot shows the GeoForm Builder interface with a map of Flevoland and Herland's. The map displays various locations and elevation markers. The interface includes a toolbar at the top with icons for zoom, pan, and other map functions. On the right side, there are several configuration panels:

- Title text color:** A color picker showing a spectrum of colors. The selected color is #707070. A "More" link is visible.
- Tools:** A list of tools with checkboxes:
 - Basemap Gallery
 - Bookmarks
 - Home Button
 - Find Location
 - Layer List
 - Legend
 - Measure
 - Scalebar
 - Social Sharing
 - Zoom Slider
- Table Settings:** A section for displaying tabular data for a feature layer in the web map.
 - Display Table

At the bottom right, there are three buttons: **SAVE**, **RESET**, and **DONE**.








Explore and Use

- Create
- Preview
- Download

Create a New Web App

Configurable Apps | Web AppBuilder

Select a template to create a new app. You can also preview to get an idea of its capabilities or download it to your computer and customize it further.

Basic Viewer  Create ▾ Create Download Preview Create ▾	Compare Analysis  Create ▾ Filter  Create ▾	Directions  Create ▾ Find, Edit, and Filter  Create ▾	Edit  Create ▾ Finder  Create ▾
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1 2 3




Embed

- [Living City Initiative infographic \(PDF, 835 kbs\)](#)
- [Living City Initiative - Frequently Asked Questions about the scheme](#)
- [Living City Initiative - Application Form \(WORD, 666 kbs\)](#)
- [List of Protected Structure in Waterford City](#)
- [Map of Architectural Conversation Area & Archeological Zone in Waterford City](#)

For further information contact Finn Brophy, livingcity@waterfordcouncil.ie or 0761 10 20 20



Collect citizen input



4-H History Map Project - Point of Interest Nomination

Nominate a Point of Interest (POI) for the National 4-H History Map Project by providing information requested below as completely and accurately as possible. Narratives must be short and compelling so viewers will want to learn more about the place. Note that all POIs are reviewed and approved before appearing on the 4-H History Map.

1. Enter Information

Select the best classification of this Point of Interest (required)

Select...

Select one of the available choices

Address of this Point of Interest

Street address

Address line 2

City

Demo: Configure an app

- Choose a web map
- Select a template
- Configure



Working with webmaps in the ArcGIS API for JavaScript

- **Esri/arcgis/utils**
 - Create map
 - Get Legend Layers

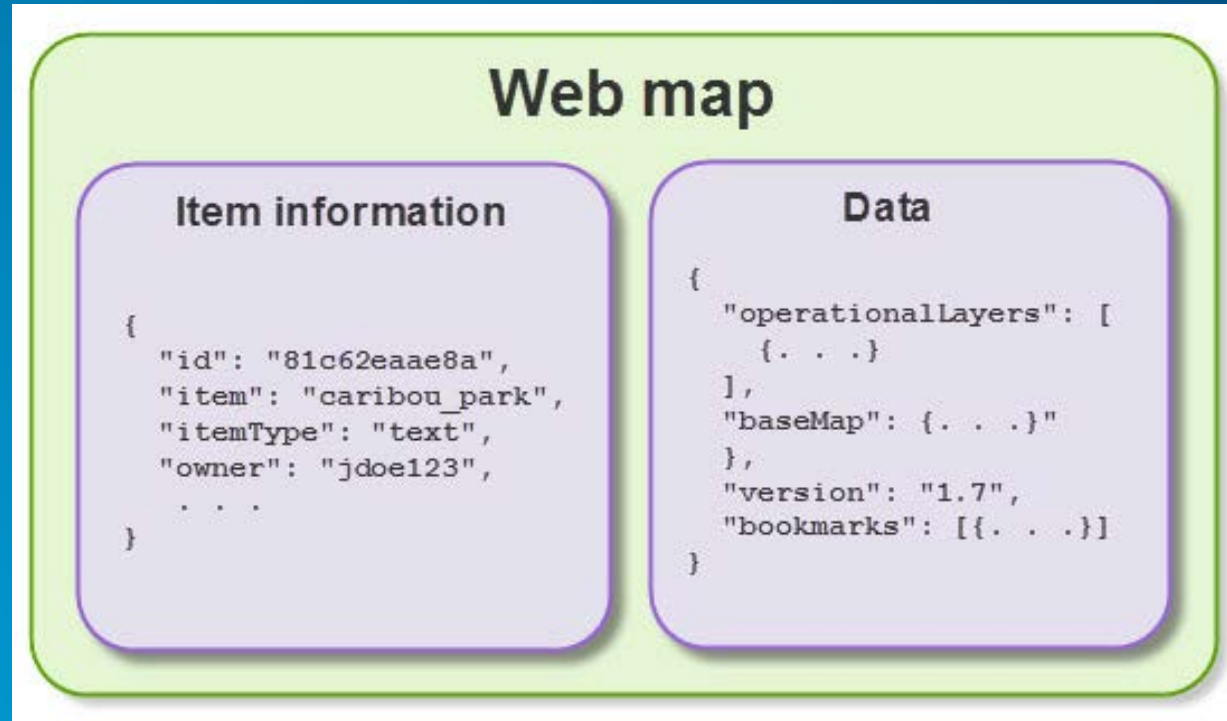
Properties

Name	Type
arcgisUrl	String

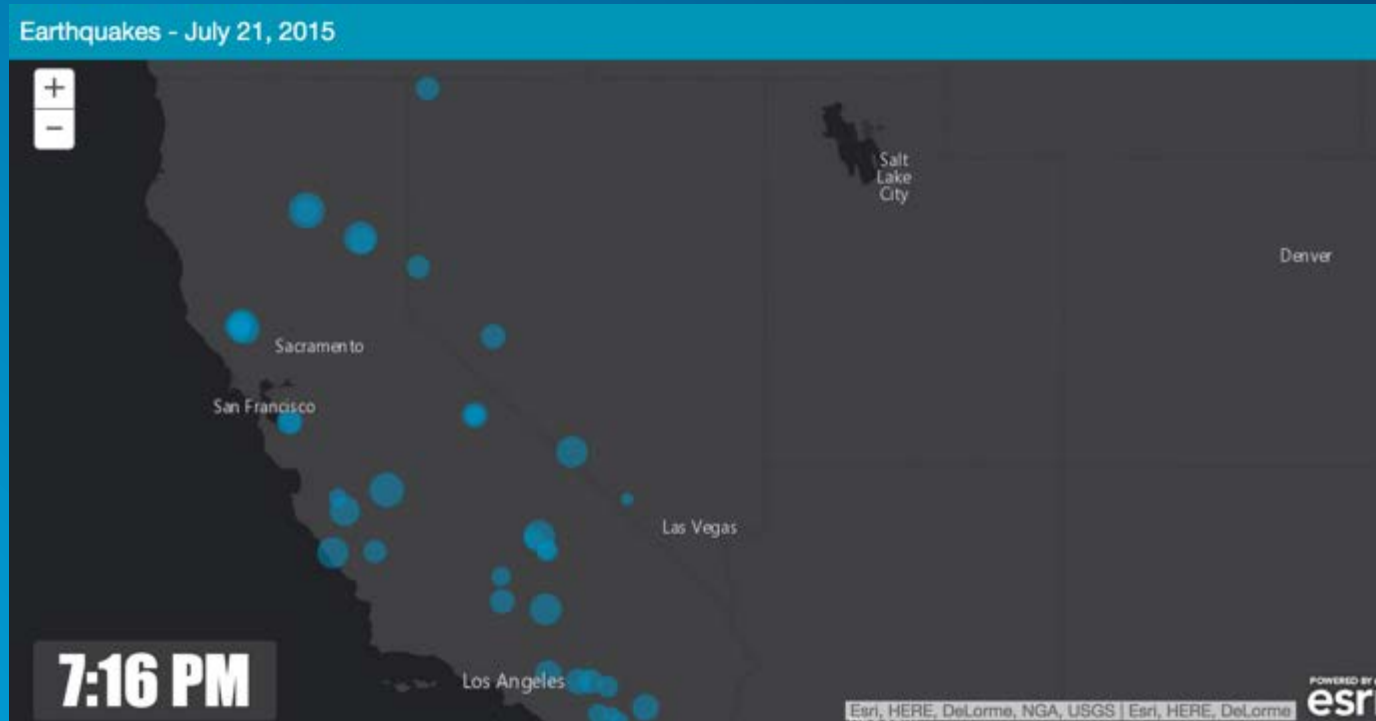
Methods

Name	Return type
createMap(itemIdOrItemInfo, mapDiv, options?)	Deferred
getItem(itemId)	Deferred
getLegendLayers(createMapResponse)	Object[]

Web map specification



Demo: Download and Customize



Application Boilerplate JS

Templates
(Configurable Apps)



Applications
(Specific Use)

What is it?

- Starter Application
- Template & app logic
- Working with ArcGIS Online
 - Webmaps
 - Services
 - i18n
 - Authentication
 - Configurable

JS

HTML



CSS



Customizing the Boilerplate

Layers

Widgets

Panels

Legend

...Much more



What Do I Get?

Defaults

- Theme, proxy, custom settings for your app

Localization (Optional)

Web Map, Group, Group Items

Organization Settings (Optional)

- Geocoders, print tasks, geometry services

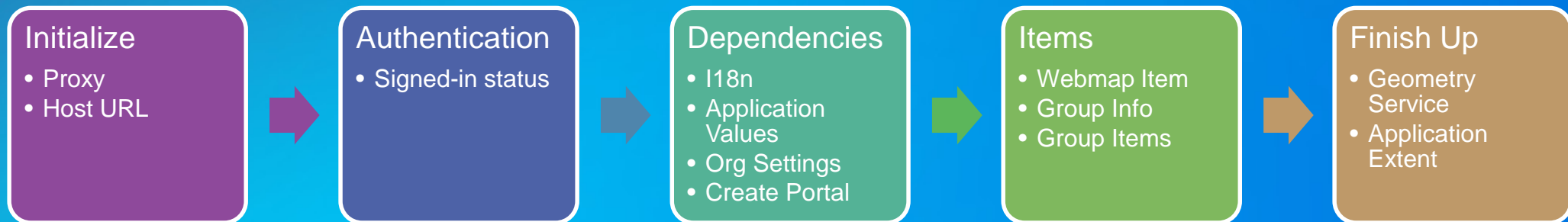
Configured Application (Optional)

- ?appid=<id>

URL Parameters (Optional)

- ?webmap=<webmap>

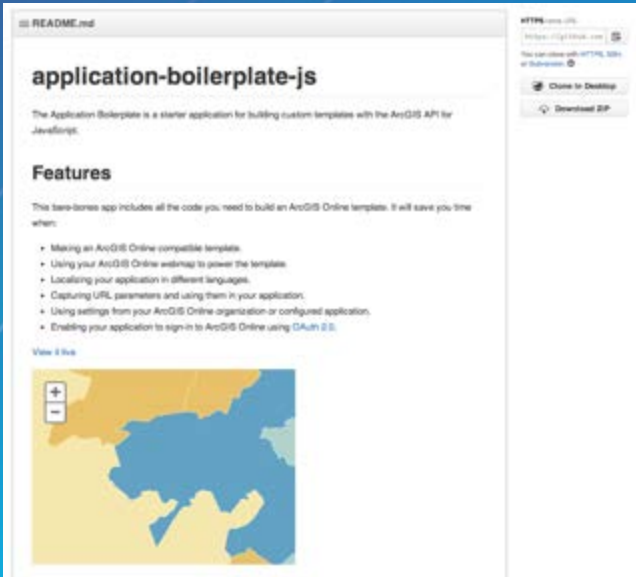
Fetching/Setting up Resources



Mixing-in Layers of Data



Show me the way



GitHub

esriurl.com/boilerplate

Demo

Create a Configurable Template

Demo





Understanding our world.