Getting The Most Out Of ArcGIS Configurable Web Apps

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What are configurable apps?

- Hosted apps maintained by Esri in the cloud
- Designed for you to *configure* – no programming needed
- Fastest and easiest way to go from a map to a shareable app
Web maps are building blocks of web GIS

Map Viewer
(for authoring)

ArcGIS Desktop

Story Maps

Apps for field

Configurable apps

Devices
A great app starts with a great map

- Cartography (smart mapping)
- Transparency, scale ranges, bookmarks
- Pop-ups
- Performance
Apps complete the user experience

- Present map information and tools in meaningful ways
- Configure to reach target audience
- Support workflows and workforce tasks
Where to find configurable apps

- Create a new web app gallery
  - Built in to sharing workflow
Where to find configurable apps

- Create a new web app gallery
  - Built in to sharing workflow
- Story Maps
  - https://storymaps.arcgis.com
- Solutions
  - https://solutions.arcgis.com
Demonstration
Configurable apps in more detail
What do you want to do?
What do you want to do?

• Build a story map
• Collect/edit data
• Compare maps/layers
• Explore/summarize data
• Map social media
• Provide local information
• Route/get directions
• Showcase a map
Some apps and tools have map requirements

- Bookmarks
- Filter
- Editable feature layer
- Attributes
- Others…
Delete protection

- Item Setting tab
- Ensures apps and related items don’t vanish
Demonstration
Web AppBuilder
Web AppBuilder for ArcGIS

- Assemble an application using a theme, layout, and configurable widgets
Demonstration
Story Maps
Story Maps website

Story Maps

Everyone has a story to tell.
Harness the power of maps to tell yours.

Storymaps.arcgis.com
Story Maps website

- Showcase and gallery
- Create a New Story
- Story Map Tutorials, training
- My Stories
- Documentation, training links, FAQs
- Blog, Planet Story Maps
- Developer info

✅ Everything you need to succeed
My Stories

Tools to validate maps and media, manage, update, and share your stories

We found some issues

Premium content
Your story contains premium content that will consume credits when publicly available. Confirm to make these layers public or remove the layers from your story.

CONFIRM

Subscription content
Two workflows

1. Start with a web map
2. Start at the Story Maps website
Two workflows

1. Start with a web map
2. Start at the Story Maps website

Recommended workflow
Story Maps use builders (and have help)

**WELCOME TO Map Journal Builder**

Which layout do you want to use? 🔄

- **Side Panel**: A layout for a text-intensive story that excels at combining your photos, videos, and maps in a clear focused message.

- **Floating Panel**: A layout that puts your cartography in focus while allowing a transparent short form text panel to help tell the story.

**Help**

By default, the maps location are synchronized. Disabling synchronization allows each map to display a different location.

**Synchronization ON**

**Synchronization OFF**

To disable synchronization, go to Settings > Map Options and uncheck "Synchronize map locations".

Want more? Visit the Esri Story Maps website.
Story Maps have multiple layouts

Story Map Series

Bulleted

Tabbed

Side Accordion
Demonstration
Doing More
Apps can be embedded in websites
Embedding apps in websites

- Use iframe
- Protocol relative URL (src="//myorg..." vs. src="http://myorg... ")
- Minimize app UI for embedding

```html
<iframe width=100% height="600" frameborder="1" scrolling="no"
marginheight="0" marginwidth="0"
src="//myorg.maps.arcgis.com/apps/View/index.html?
webmap=8a896ce35a3c454f959c102a4f7b72e8"></iframe>
```

App URL
Embedding apps in websites

- Minimize the UI in the configuration panel
- Allow room for the app to “breathe”
Embedding story maps in websites

- Use &embed at the end of the URL
Embedding apps in story maps

- Use URL (note http vs. https)
- Minimize the UI for embedding
Embedding story maps in story maps

- Minimize the UI (&embed)
Embedding a web map

- Choose map options
- HTML is automatically generated
- Based on Minimalist
App source code

- Available on GitHub
- Must self-host
Map ID

- Each map has a unique identifier
Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```java
define()

//Default configuration settings for the application. This is where you'll define things like a bing maps key,
//default web map, default app color theme and more. These values can be overwritten by template configuration settings and url parameters.
"appid": "", //73909a9220bc34dbb93f0705ba2db4a6",
"webmap": "f5b13dbed07c46cd783c3f361833aa6b",
"south appId": null, //"7F7901645192",
//Group templates must support a group url parameter. This will contain the id of the group.
//group: "",
//Enter the url to the proxy if needed by the application. See the
//Help tab for more information.
```
questions & answers