



Tips for Making Web App Builder Apps More Accessible

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Overview

This training will go over some tips to make your existing Web App Builder apps more accessible.

Goal

While Experience Builder is the future of building Esri applications, a lot of current apps have been built in Web App Builder. This tutorial will go over some simple actions you can take to enhance accessibility in your existing Web App Builder apps.

Recording found [here](#)!

In the OIT-GIS Interactive Accessibility Guidelines, we have a [section about Esri builders](#) that includes some notes about the built-in accessibility features of the various Esri builders. This tutorial will outline some of the things included in our accessible Web App Builder template.

This training is based on our [Accessible Web App Builder App](#).

1. Including a basemap widget

One of the simplest things you can do is make sure your WAP apps meet accessibility standards is to include a basemap widget. In addition, make sure that your organization includes the [Esri Enhanced Contrast Basemap](#). This provides your users with options that may make it easier for them to understand the data in the map part of your app.

2. Adding a Help/Tutorial section

In Web App Builder, adding an Info widget with some language about how to use your application can help provide more context about what the purpose of your app is. Some sections you may consider including are:

Navigation

- Including some notes about the keyboard navigation and how to use the buttons included to navigate around the map.

Map Layers

- Listing out the layers included in your web map and the descriptions of them can provide users using screen readers some more context of what is being displayed in the app.

Table View



- Web App Builder apps automatically include a table view using the small arrow at the bottom of the map. Make a note of how to access this in your 'Help' section.

Basemap Gallery

- Make a note of where you can find the Basemap widget in your app.

Contact Us

- Provide a human contact so that if users have questions regarding accessibility or need additional help using your app.

3. Adding accessibility notes

Accessibility Disclaimer

- Include a section in your 'Help/Tutorial' section or in a separate Info widget that outline if your app includes any widgets that are not accessible. Web App Builders specifically fail under zoom functionality so make sure to include a note about this as well.

More accessibility templates for Esri builders can be found on the [Esri builders page of our interactive OIT-GIS Accessibility Guidelines](#).

As always, if you have any questions, reach out to us at oit_gis@state.co.us!