



Building Web Apps with ArcGIS API for JavaScript and Calcite Design System

Matt Driscoll, Alan Sangma, Julie Powell

2022 ESRI DEVELOPER SUMMIT

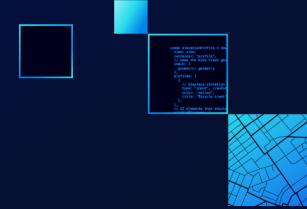
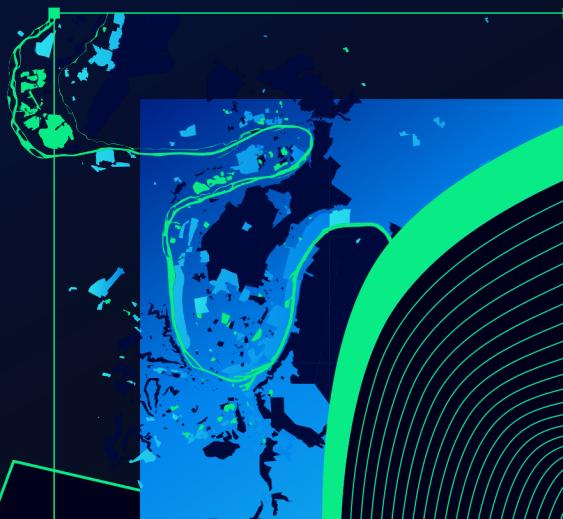


Quick Calcite Tour

Julie Powell



live
by
the
code



- Overview
- Get started
- Tutorials
 - Create a mapping app
- Framework integration

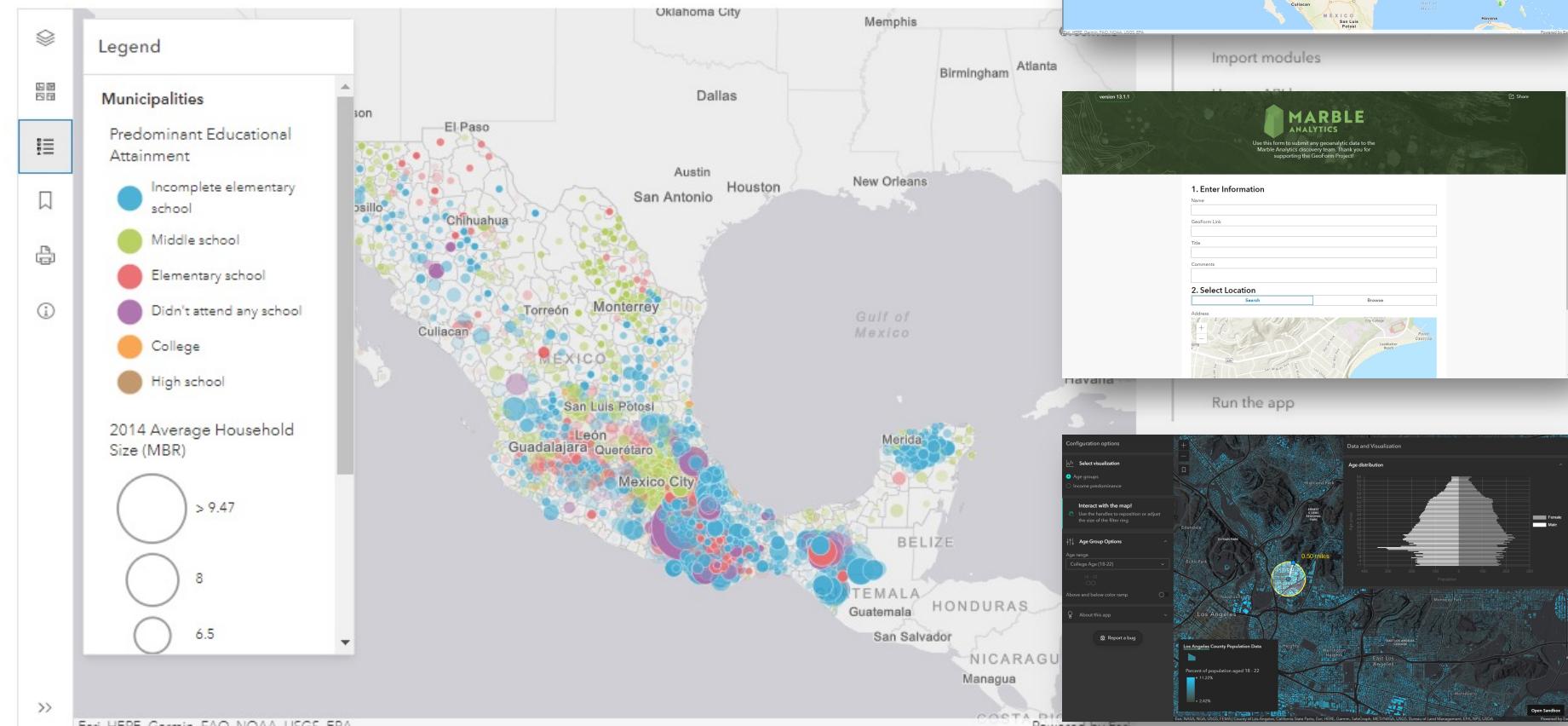
- Foundations
- UI Kits
- FAQ
- Community
- System requirements

- Icon libraries

Create a mapping app

Learn how to create UI for a simple mapping application using Calcite Components and [ArcGIS API for JavaScript](#).

Educational Attainment and Household Size



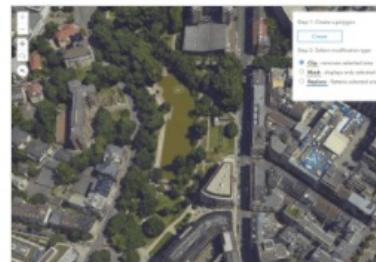
You will use Calcite Components to craft a positive user experience and drive interaction in your mapping application. This tutorial

Find page...

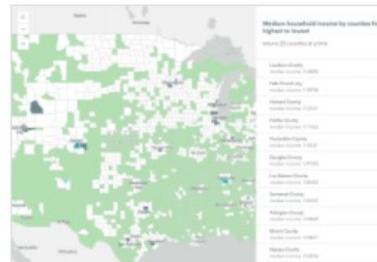
- ▼ Get started
 - Featured samples
 - Intro to MapView (2D)
 - Intro to SceneView (3D)
 - Intro to layers
 - Intro to popups
 - Intro to widgets
 - > Latest samples
 - > Mapping and views
 - > Layers
 - > Query
 - > Editing
 - > Labels
 - > Draw
 - > Visualization
 - > Popups
 - > Graphics
 - > Search
 - > Time
 - > Analysis
 - > Widgets
 - > Other

Sample code: 15 samples tagged "Calcite components"

Samples



IntegratedMeshLayer modification



Query features with pagination



Highlight SceneLayer



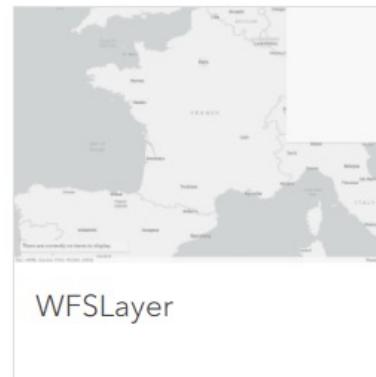
SceneView - shadow and lighting settings



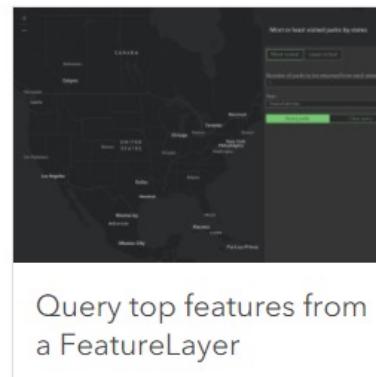
Hosted Land Cover ImageryTileLayer



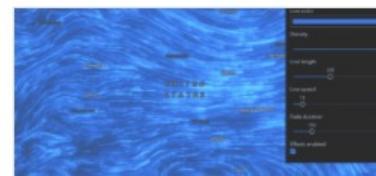
Find



WFSLayer



Query top features from a FeatureLayer



Service Areas and Barriers

(i)



Places

X



Los Angeles



San Francisco



New Orleans



Atlanta



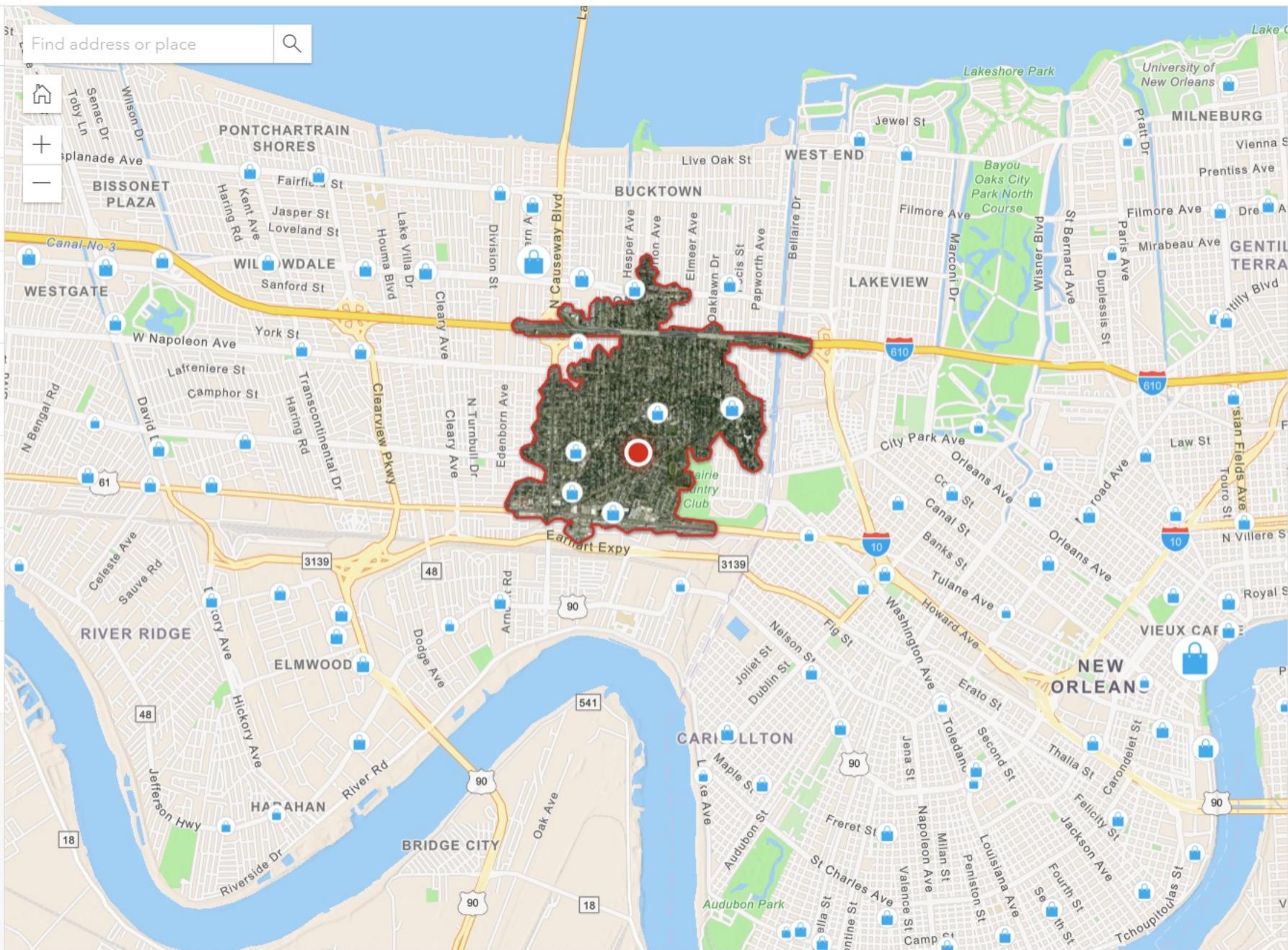
Chicago



Philadelphia



New York



Service Areas



X

Drive Time Analysis

find area reached from source

> Barriers to Travel

< Analysis Parameters

Maximum Drive Time

0:05 minutes

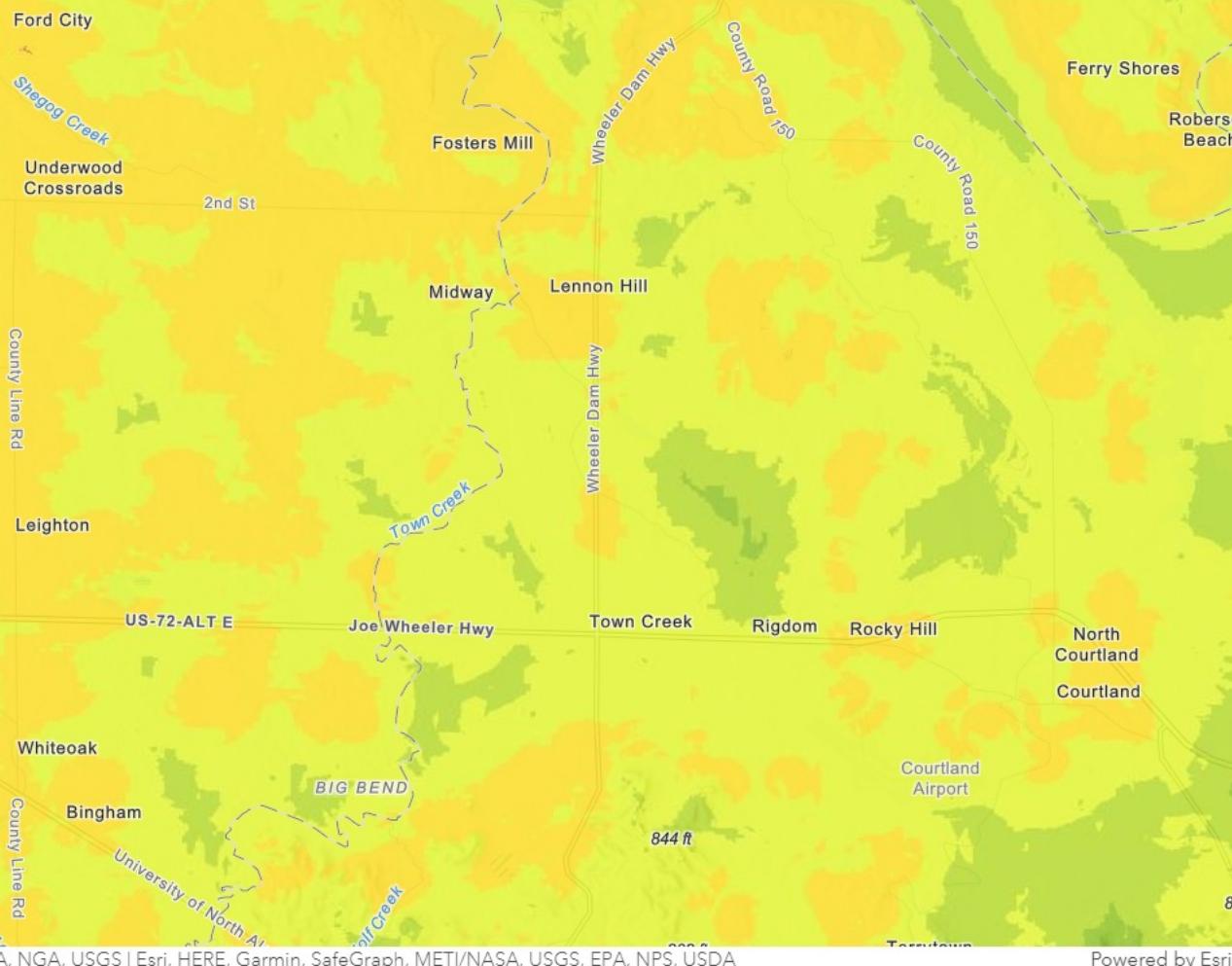
> Analysis Results



Wind Suitability



Create New Group

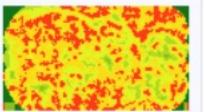


Weighted Overlay



[5] Group #1

buildings, roads, water

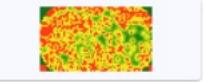


5

Sources

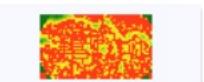
buildings

5



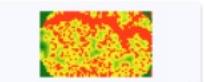
roads

5



water

5



[5] Group #2

elevation, water



5

Sources

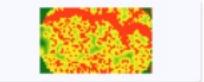
elevation

5



water

5



[5] Group #3

Raster Calculator

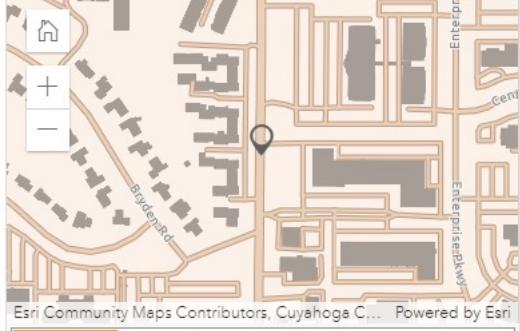
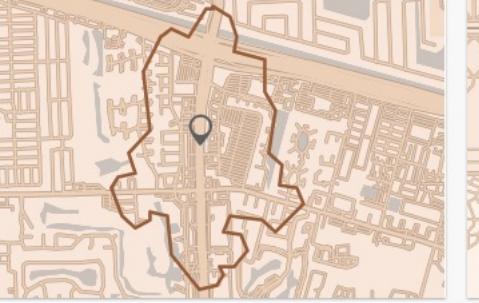
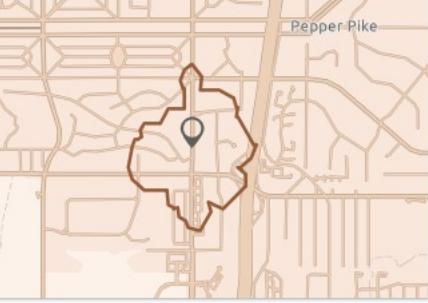
weighted overlay expression

```
((((buildings*5)+(roads*5)+(water*5))/15)*5)+(((elevation*5)+(water*5))/10)*5+(((developmen
```



Commercial Real Estate Site Selection

(i)

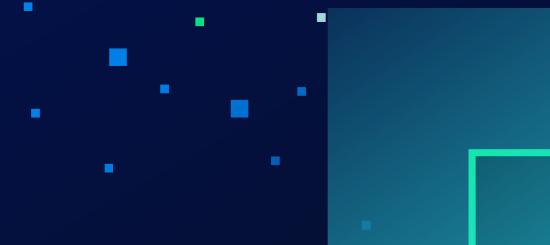
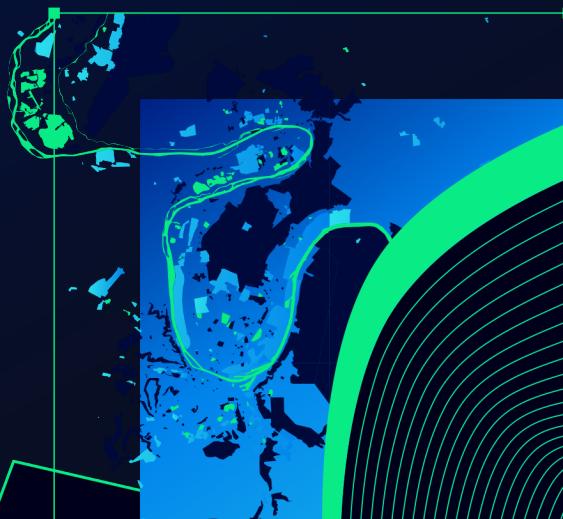
Candidate Sites		4 of 10	<>	LEAWOOD	x	HATTIESBURG	x	DAVIE	x	BEACHWOOD	x																																																																																																																																
																																																																																																																																											
Address	5053 W. 117th Street Leawood	Place	KS 66211	Address	4600 Hardy St. Hattiesburg	Place	MS 39401	Address	2270 S. University Drive Davie	Place	FL 33324																																																																																																																																
Site Type	Retail	Site Type	Retail	Site Type	Retail	Site Type	Retail	Site Type	Retail	Site Type	Retail																																																																																																																																
Size	767,500 sq/ft	Size	825,000 sq/ft	Size	572,500 sq/ft	Size	1,512,500 sq/ft	Size	572,500 sq/ft	Size	1,512,500 sq/ft																																																																																																																																
Parking	10	Parking	10	Parking	22	Parking	15	Parking	22	Parking	15																																																																																																																																
<div style="display: flex; justify-content: space-around;"> <div style="width: 25%;"> <p>Search Area: 10 Minutes Walking</p> <p><u>Population</u></p> <table> <tr><td>Daytime Population</td><td>4,717</td></tr> <tr><td>Unemployment Rate</td><td>3.6%</td></tr> </table> <p><u>Businesses</u></p> <table> <tr><td>Total Businesses</td><td>367</td></tr> </table> <p><u>Housing</u></p> <table> <tr><td>Total Housing Units</td><td>745</td></tr> <tr><td>Median Home Value 2021</td><td>\$570,866</td></tr> <tr><td>Median Home Value 2026</td><td>↑ \$595,274</td></tr> </table> <p><u>Income</u></p> <table> <tr><td>Median Household Income 2021</td><td>\$126,935</td></tr> <tr><td>Median Household Income 2026</td><td>↑ \$136,295</td></tr> <tr><td>Annual Budget Expenditures</td><td>\$97,355,629</td></tr> <tr><td>Median Disposable Income</td><td>\$99,423</td></tr> <tr><td>Retail Goods (Monthly)</td><td>\$3,868</td></tr> <tr><td>Restaurant (Monthly)</td><td>\$572</td></tr> <tr><td>Retail Goods (2026)</td><td>\$33,460,470</td></tr> </table> <p><u>Education</u></p> <table> <tr><td>High School</td><td>72</td></tr> <tr><td>Bachelors</td><td>332</td></tr> <tr><td>Graduate</td><td>325</td></tr> </table> </div> <div style="width: 25%;"> <p>Search Area: 10 Minutes Walking</p> <p><u>Population</u></p> <table> <tr><td>Daytime Population</td><td>820</td></tr> <tr><td>Unemployment Rate</td><td>12.0%</td></tr> </table> <p><u>Businesses</u></p> <table> <tr><td>Total Businesses</td><td>47</td></tr> </table> <p><u>Housing</u></p> <table> <tr><td>Total Housing Units</td><td>357</td></tr> <tr><td>Median Home Value 2021</td><td>\$154,412</td></tr> <tr><td>Median Home Value 2026</td><td>↑ \$165,625</td></tr> </table> <p><u>Income</u></p> <table> <tr><td>Median Household Income 2021</td><td>\$47,711</td></tr> <tr><td>Median Household Income 2026</td><td>↑ \$51,140</td></tr> <tr><td>Annual Budget Expenditures</td><td>\$16,934,087</td></tr> <tr><td>Median Disposable Income</td><td>\$41,074</td></tr> <tr><td>Retail Goods (Monthly)</td><td>\$1,273</td></tr> <tr><td>Restaurant (Monthly)</td><td>\$219</td></tr> <tr><td>Retail Goods (2026)</td><td>\$5,407,198</td></tr> </table> <p><u>Education</u></p> <table> <tr><td>High School</td><td>76</td></tr> <tr><td>Bachelors</td><td>52</td></tr> <tr><td>Graduate</td><td>41</td></tr> </table> </div> <div style="width: 25%;"> <p>Search Area: 10 Minutes Walking</p> <p><u>Population</u></p> <table> <tr><td>Daytime Population</td><td>2,979</td></tr> <tr><td>Unemployment Rate</td><td>5.2%</td></tr> </table> <p><u>Businesses</u></p> <table> <tr><td>Total Businesses</td><td>283</td></tr> </table> <p><u>Housing</u></p> <table> <tr><td>Total Housing Units</td><td>1,425</td></tr> <tr><td>Median Home Value 2021</td><td>\$245,250</td></tr> <tr><td>Median Home Value 2026</td><td>↑ \$340,144</td></tr> </table> <p><u>Income</u></p> <table> <tr><td>Median Household Income 2021</td><td>\$50,933</td></tr> <tr><td>Median Household Income 2026</td><td>↑ \$55,298</td></tr> <tr><td>Annual Budget Expenditures</td><td>\$67,324,521</td></tr> <tr><td>Median Disposable Income</td><td>\$42,963</td></tr> <tr><td>Retail Goods (Monthly)</td><td>\$1,333</td></tr> <tr><td>Restaurant (Monthly)</td><td>\$228</td></tr> <tr><td>Retail Goods (2026)</td><td>\$21,998,161</td></tr> </table> <p><u>Education</u></p> <table> <tr><td>High School</td><td>372</td></tr> <tr><td>Bachelors</td><td>459</td></tr> <tr><td>Graduate</td><td>225</td></tr> </table> </div> <div style="width: 25%;"> <p>Search Area: 10 Minutes Walking</p> <p><u>Population</u></p> <table> <tr><td>Daytime Population</td><td>2,693</td></tr> <tr><td>Unemployment Rate</td><td>2.8%</td></tr> </table> <p><u>Businesses</u></p> <table> <tr><td>Total Businesses</td><td>211</td></tr> </table> <p><u>Housing</u></p> <table> <tr><td>Total Housing Units</td><td>302</td></tr> <tr><td>Median Home Value 2021</td><td>\$382,653</td></tr> <tr><td>Median Home Value 2026</td><td>↑ \$415,116</td></tr> </table> <p><u>Income</u></p> <table> <tr><td>Median Household Income 2021</td><td>\$80,741</td></tr> <tr><td>Median Household Income 2026</td><td>↑ \$86,364</td></tr> <tr><td>Annual Budget Expenditures</td><td>\$29,871,006</td></tr> <tr><td>Median Disposable Income</td><td>\$66,020</td></tr> <tr><td>Retail Goods (Monthly)</td><td>\$2,576</td></tr> <tr><td>Restaurant (Monthly)</td><td>\$375</td></tr> <tr><td>Retail Goods (2026)</td><td>\$10,417,461</td></tr> </table> <p><u>Education</u></p> <table> <tr><td>High School</td><td>187</td></tr> <tr><td>Bachelors</td><td>136</td></tr> <tr><td>Graduate</td><td>205</td></tr> </table> </div> </div>												Daytime Population	4,717	Unemployment Rate	3.6%	Total Businesses	367	Total Housing Units	745	Median Home Value 2021	\$570,866	Median Home Value 2026	↑ \$595,274	Median Household Income 2021	\$126,935	Median Household Income 2026	↑ \$136,295	Annual Budget Expenditures	\$97,355,629	Median Disposable Income	\$99,423	Retail Goods (Monthly)	\$3,868	Restaurant (Monthly)	\$572	Retail Goods (2026)	\$33,460,470	High School	72	Bachelors	332	Graduate	325	Daytime Population	820	Unemployment Rate	12.0%	Total Businesses	47	Total Housing Units	357	Median Home Value 2021	\$154,412	Median Home Value 2026	↑ \$165,625	Median Household Income 2021	\$47,711	Median Household Income 2026	↑ \$51,140	Annual Budget Expenditures	\$16,934,087	Median Disposable Income	\$41,074	Retail Goods (Monthly)	\$1,273	Restaurant (Monthly)	\$219	Retail Goods (2026)	\$5,407,198	High School	76	Bachelors	52	Graduate	41	Daytime Population	2,979	Unemployment Rate	5.2%	Total Businesses	283	Total Housing Units	1,425	Median Home Value 2021	\$245,250	Median Home Value 2026	↑ \$340,144	Median Household Income 2021	\$50,933	Median Household Income 2026	↑ \$55,298	Annual Budget Expenditures	\$67,324,521	Median Disposable Income	\$42,963	Retail Goods (Monthly)	\$1,333	Restaurant (Monthly)	\$228	Retail Goods (2026)	\$21,998,161	High School	372	Bachelors	459	Graduate	225	Daytime Population	2,693	Unemployment Rate	2.8%	Total Businesses	211	Total Housing Units	302	Median Home Value 2021	\$382,653	Median Home Value 2026	↑ \$415,116	Median Household Income 2021	\$80,741	Median Household Income 2026	↑ \$86,364	Annual Budget Expenditures	\$29,871,006	Median Disposable Income	\$66,020	Retail Goods (Monthly)	\$2,576	Restaurant (Monthly)	\$375	Retail Goods (2026)	\$10,417,461	High School	187	Bachelors	136	Graduate	205
Daytime Population	4,717																																																																																																																																										
Unemployment Rate	3.6%																																																																																																																																										
Total Businesses	367																																																																																																																																										
Total Housing Units	745																																																																																																																																										
Median Home Value 2021	\$570,866																																																																																																																																										
Median Home Value 2026	↑ \$595,274																																																																																																																																										
Median Household Income 2021	\$126,935																																																																																																																																										
Median Household Income 2026	↑ \$136,295																																																																																																																																										
Annual Budget Expenditures	\$97,355,629																																																																																																																																										
Median Disposable Income	\$99,423																																																																																																																																										
Retail Goods (Monthly)	\$3,868																																																																																																																																										
Restaurant (Monthly)	\$572																																																																																																																																										
Retail Goods (2026)	\$33,460,470																																																																																																																																										
High School	72																																																																																																																																										
Bachelors	332																																																																																																																																										
Graduate	325																																																																																																																																										
Daytime Population	820																																																																																																																																										
Unemployment Rate	12.0%																																																																																																																																										
Total Businesses	47																																																																																																																																										
Total Housing Units	357																																																																																																																																										
Median Home Value 2021	\$154,412																																																																																																																																										
Median Home Value 2026	↑ \$165,625																																																																																																																																										
Median Household Income 2021	\$47,711																																																																																																																																										
Median Household Income 2026	↑ \$51,140																																																																																																																																										
Annual Budget Expenditures	\$16,934,087																																																																																																																																										
Median Disposable Income	\$41,074																																																																																																																																										
Retail Goods (Monthly)	\$1,273																																																																																																																																										
Restaurant (Monthly)	\$219																																																																																																																																										
Retail Goods (2026)	\$5,407,198																																																																																																																																										
High School	76																																																																																																																																										
Bachelors	52																																																																																																																																										
Graduate	41																																																																																																																																										
Daytime Population	2,979																																																																																																																																										
Unemployment Rate	5.2%																																																																																																																																										
Total Businesses	283																																																																																																																																										
Total Housing Units	1,425																																																																																																																																										
Median Home Value 2021	\$245,250																																																																																																																																										
Median Home Value 2026	↑ \$340,144																																																																																																																																										
Median Household Income 2021	\$50,933																																																																																																																																										
Median Household Income 2026	↑ \$55,298																																																																																																																																										
Annual Budget Expenditures	\$67,324,521																																																																																																																																										
Median Disposable Income	\$42,963																																																																																																																																										
Retail Goods (Monthly)	\$1,333																																																																																																																																										
Restaurant (Monthly)	\$228																																																																																																																																										
Retail Goods (2026)	\$21,998,161																																																																																																																																										
High School	372																																																																																																																																										
Bachelors	459																																																																																																																																										
Graduate	225																																																																																																																																										
Daytime Population	2,693																																																																																																																																										
Unemployment Rate	2.8%																																																																																																																																										
Total Businesses	211																																																																																																																																										
Total Housing Units	302																																																																																																																																										
Median Home Value 2021	\$382,653																																																																																																																																										
Median Home Value 2026	↑ \$415,116																																																																																																																																										
Median Household Income 2021	\$80,741																																																																																																																																										
Median Household Income 2026	↑ \$86,364																																																																																																																																										
Annual Budget Expenditures	\$29,871,006																																																																																																																																										
Median Disposable Income	\$66,020																																																																																																																																										
Retail Goods (Monthly)	\$2,576																																																																																																																																										
Restaurant (Monthly)	\$375																																																																																																																																										
Retail Goods (2026)	\$10,417,461																																																																																																																																										
High School	187																																																																																																																																										
Bachelors	136																																																																																																																																										
Graduate	205																																																																																																																																										

Calcite zoology

Alan Sangma



live
by
the
code



Form / configuration

Radio

Checkbox

Switch

Buttons

Chips

Slider

Text

Number

Combobox Label

Date

Select

The quick brown fox jumped The quick brown fox jumped The quick brown fox jumped

Sun Mon Tue Wed Thu Fri Sat
29 30 31 1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 1 2

Not all components are shown.

Not all variations are shown.

Organizing

Panel Summary

Block Description

Editable & configurable content

Listitem Description lorem ipsum

Listitem Description lorem ipsum

Listitem Description lorem ipsum

Accordion

Read only content

Card

This is the body of the card lorem

Jan 10, 2021

Panel Summary

Block Description

Editable & configurable content

Listitem Description lorem ipsum

Listitem Description lorem ipsum

Listitem Description lorem ipsum

Accordion

Read only content

Card

This is the body of the card lorem

Jan 10, 2021

Messaging / onboarding

Notice Body lorem ipsum

Alert Body lorem ipsum

Modal

The quick brown fox jumped The quick brown

Button Button

Notice Body lorem ipsum

Alert Body lorem ipsum

Modal

The quick brown fox jumped The quick brown

Button Button

Calcite Survey



Toggle theme

Please fill out our questionnaire

Help us develop better Calcite components.

x

Questionnaire

1. Your name

John Doe

2. Where did you hear about Calcite components?

Esri DevSummit

v

3. Will you be using Calcite components in an upcoming project?

Yes No Maybe

4. How many components will you be using?

0

0

2

4

6

8

10

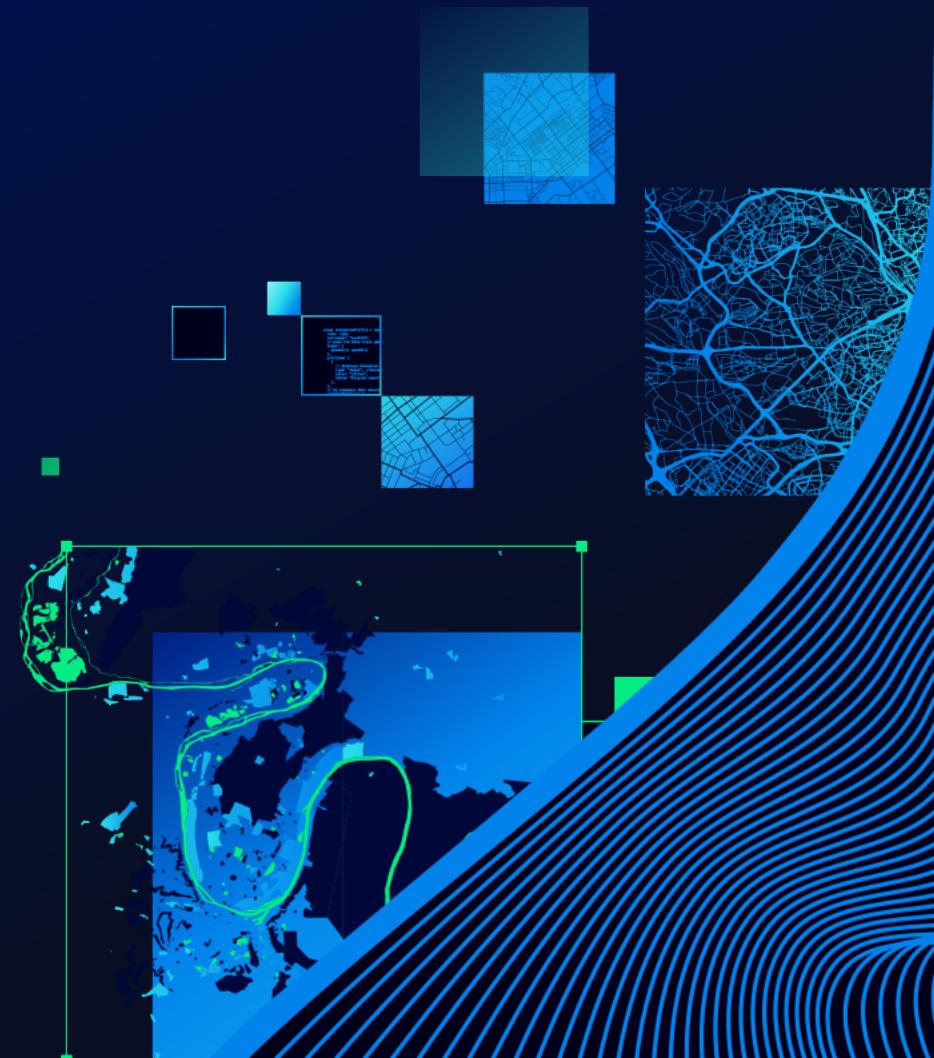
5. What is your favourite component(s)?

Select favorites...

v

Web Components

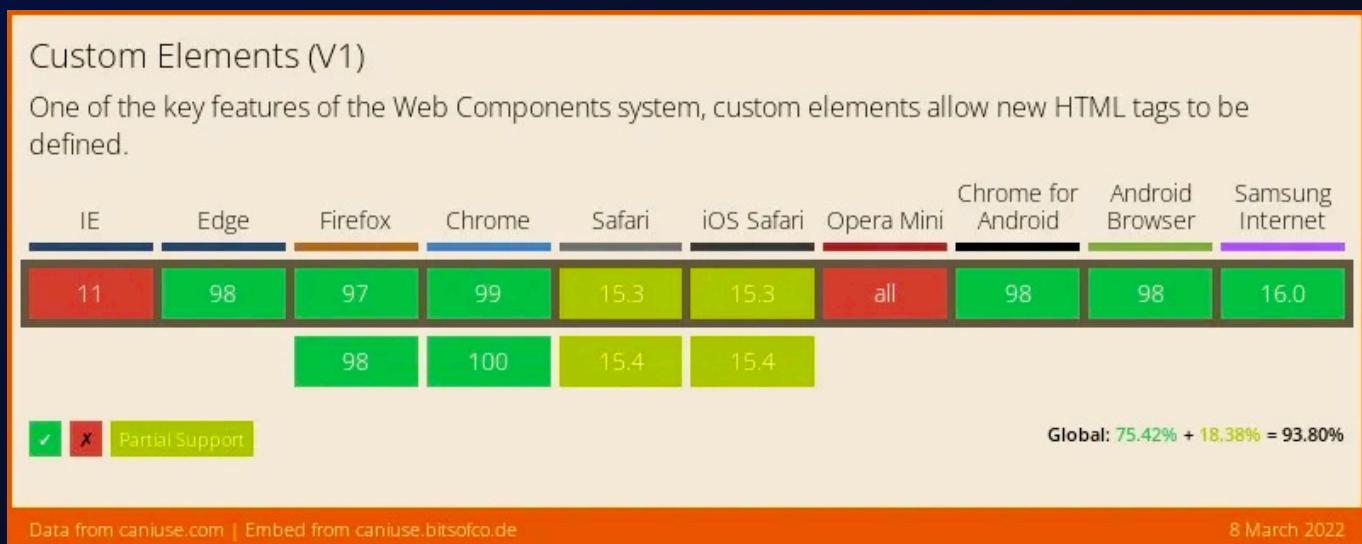
Matt Driscoll



About Web Components

Suite of different web technologies (web standards)

- Allows you to create reusable custom elements
 - <my-custom-element></my-custom-element>
 - Custom element is registered on the document
 - Define custom UI + behavior
 - Utilize them in your web apps
- Supported by modern browsers



Web Component Technology

Key features web components deliver

- Custom elements
 - Browser-compatible elements
 - Use native APIs
 - DOM element
- Shadow DOM
 - Encapsulates component HTML & CSS
 - Separated from main DOM
 - <slot> tag for placeholder content
- HTML slotting
 - slot attribute for assigning content to a slot tag



Why Web Components?

Benefits of using web components

- W3C specification (future-proof)
- Dev familiarity (HTML/JS)
- Framework agnostic (Can be used in any framework)
- Encapsulation (Shadow DOM)



Configuring Web Components

Properties & Attributes



```
1 <my-component my-prop="myValue" my-boolean-prop></my-component>
2
```



```
1 const myComponent = document.querySelector("my-component");
2 myComponent.myProp = "myValue";
3 myComponent.myBooleanProp = true;
4
```



Configuring Web Components

Component Slots

- The slot element represents a placeholder
 - Defined in shadowDOM
 - `<slot name="mySlot"></slot>` // Placeholder
- An element with a slot attribute
 - Assigned to the slot whose name matches
 - `<div slot="mySlot"></div>` // Element put into placeholder
 - If no slot name, content goes into slot tag without name

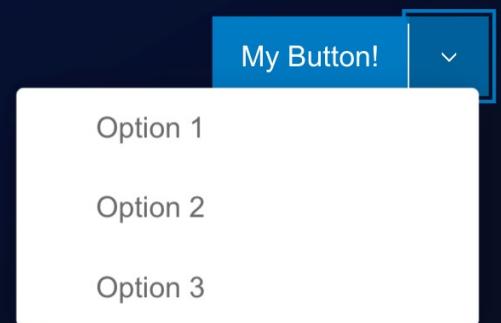


Default Slots

For default content placement (slot tag without a name)



```
1 <calcite-split-button scale="l" primary-text="My Button!">
2   <calcite-dropdown-group>
3     <calcite-dropdown-item>Option 1</calcite-dropdown-item>
4     <calcite-dropdown-item>Option 2</calcite-dropdown-item>
5     <calcite-dropdown-item>Option 3</calcite-dropdown-item>
6   </calcite-dropdown-group>
7 </calcite-split-button>
8
```



Named Slots

To customize specific regions



```
1 <calcite-card>
2   <h3 slot="title">Esri</h3>
3   
4   <span slot="subtitle">
5     Esri is an international supplier of geographic information system software,
6     web GIS and geodatabase management applications.
7   </span>
8 </calcite-card>
9
```



Esri

Esri is an international supplier of geographic
information system software...

Web Components

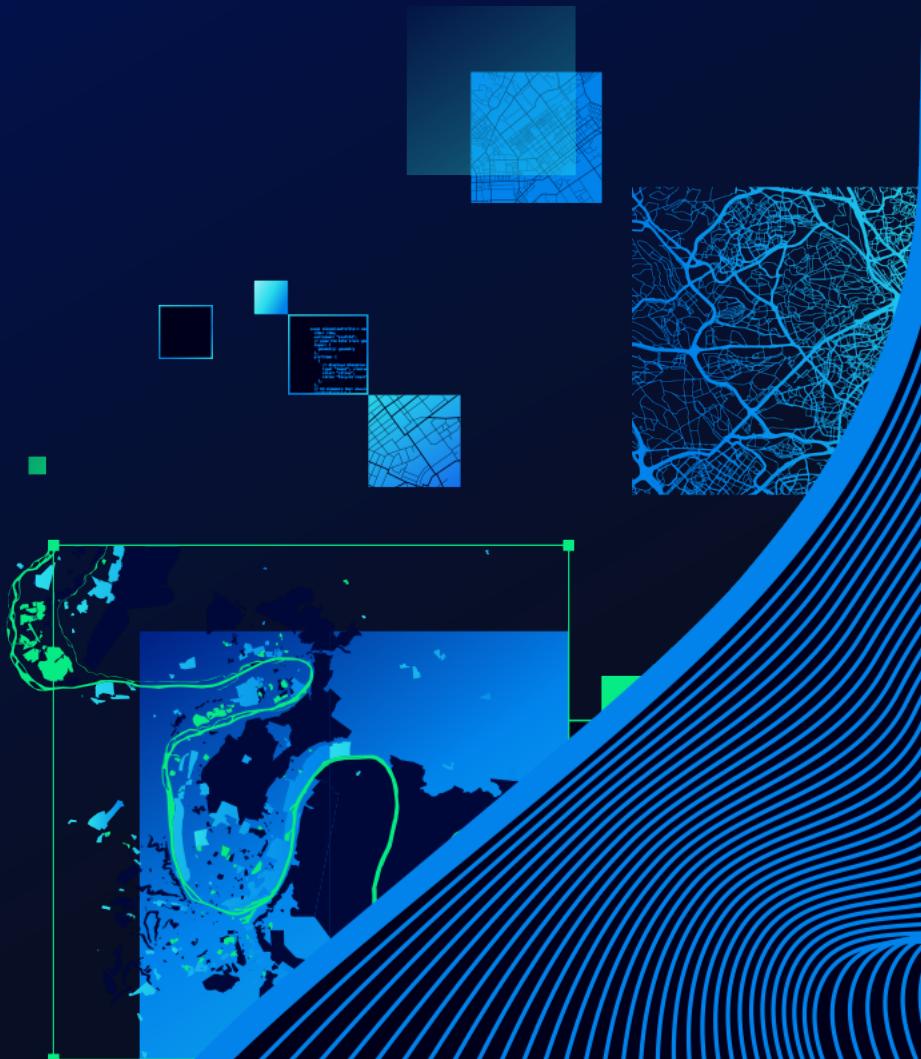
Recap

- Custom elements
 - Standards based
 - Framework agnostic
 - Encapsulated
- Configuring custom elements
 - Properties
 - Attributes
 - Slots



Layout

Alan Sangma



Critical Habitat Designated under the U.S. Endangered Species Act

Open in Map Viewer Classic Sign In

Layers

Get started
You can explore maps, add layers, and more without signing in. To save your work, sign in before creating your map.
[Learn more about Map Viewer](#)

Critical Habitat Line Features

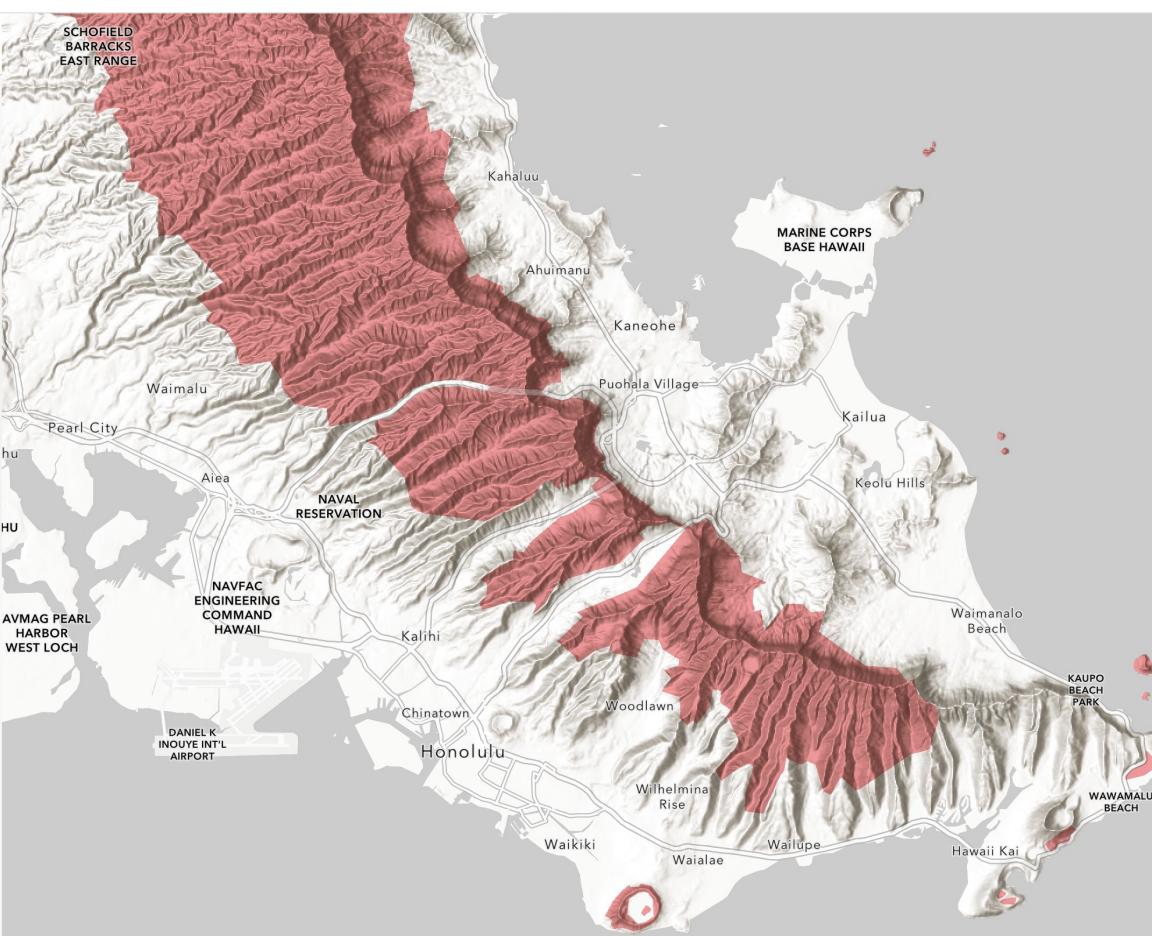
Critical Habitat Polygon Features

Proposed Critical Habitat Line Features

Proposed Critical Habitat Polygon Features

World Hillshade

+ Add layer



Critical Habitat Line Features

Properties

Use the selector above to switch between layers in the map.

Information

Symbology

Critical Habitat Line Features

Appearance

Blending

Multiply

Transparency

50%
25% 50% 75%

Visible range

World Room

Refresh interval

Automatically refresh layer

Feature display order

Custom parameters

Powered by Esri

Shell

Header

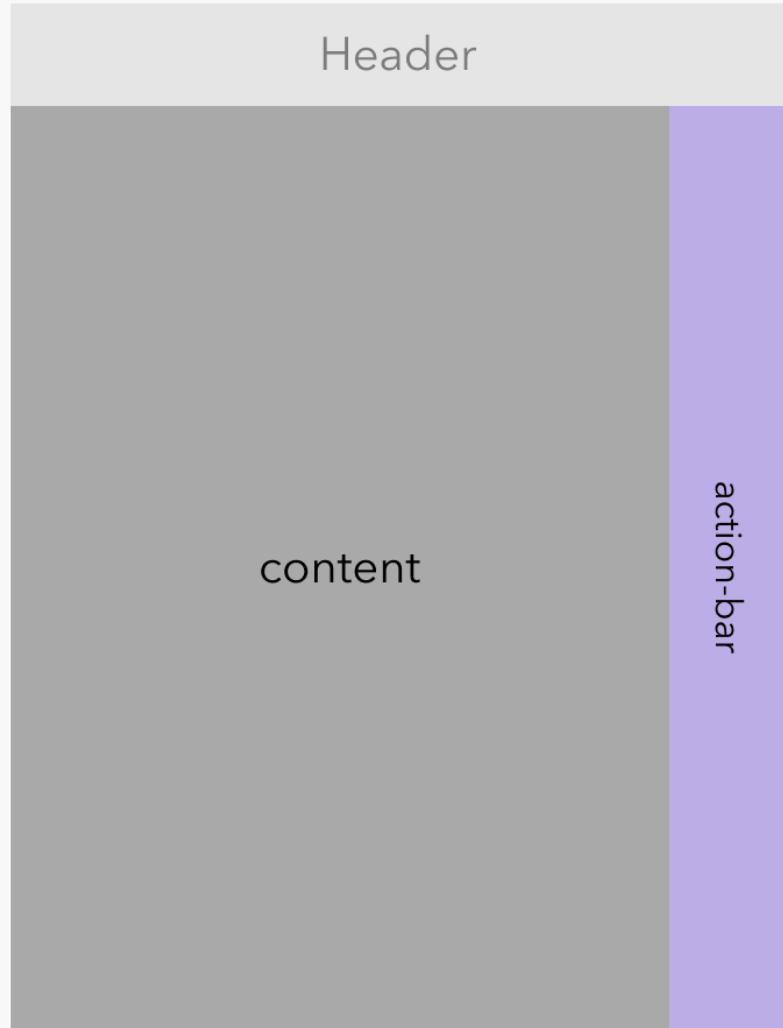
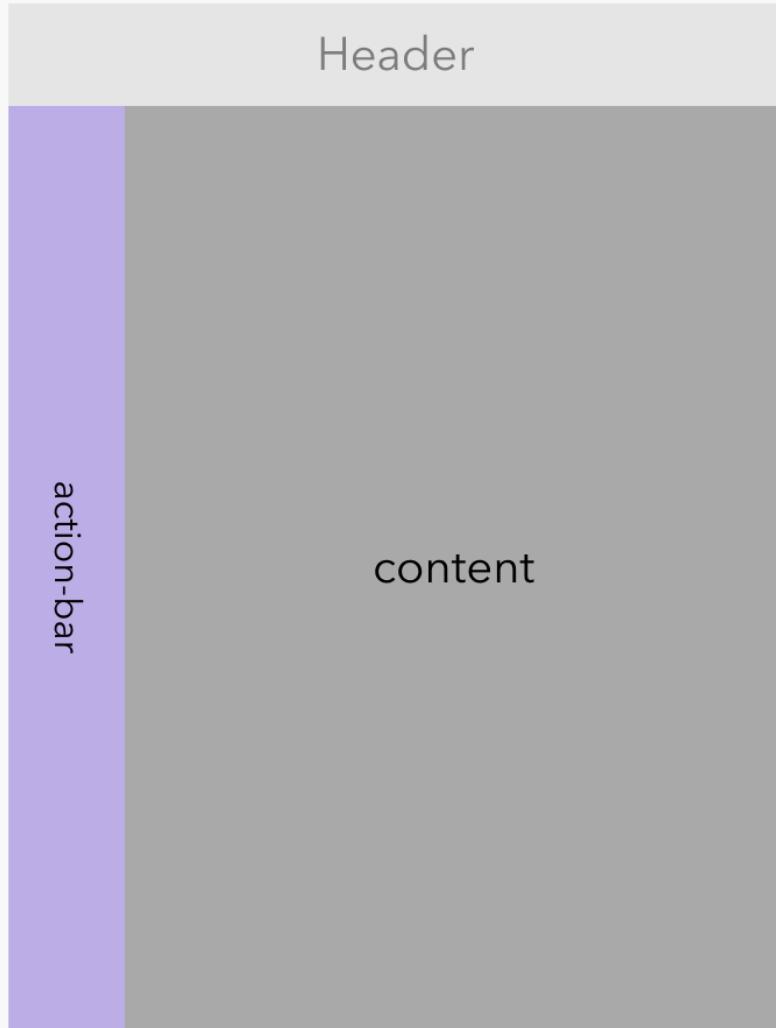
Primary

Main

Contextual

Footer

ShellPanel



Shell

+

ShellPanel

Header

action-bar

content

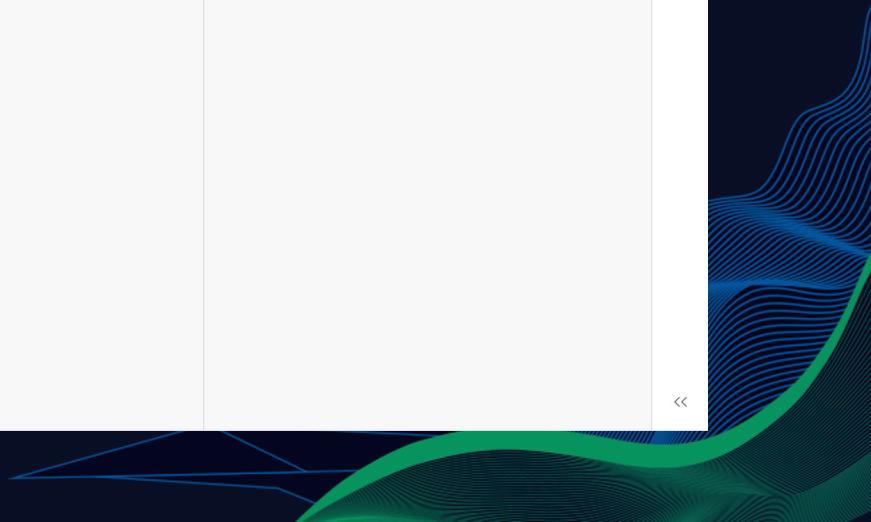
Main

content

action-bar

Footer

Header			
+	Primary panel	Main content	Contextual panel
◇	This is a CalcitePanel	This is a CalcitePanel	This is a CalcitePanel
■			
▣			
☰			
☰☰			
Bookmark			
»			

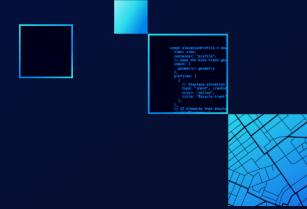
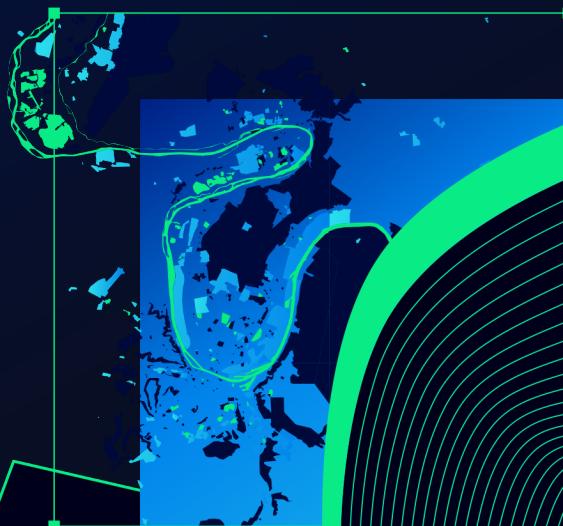


Building apps

Matt Driscoll



live
by
the
code



Building a Calcite app

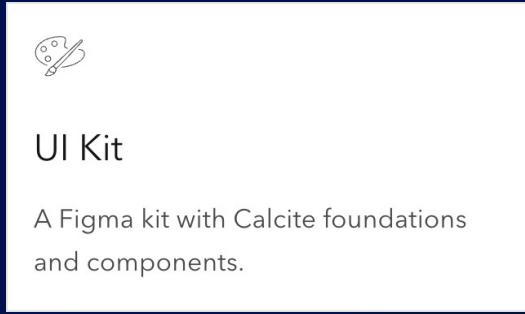
Process for creating a calcite app

- Idea💡
 - UniversityFinder 🏛️
 - App to browse & filter universities
 - Use a webmap + feature layers
- Start design using Calcite UI Kit
- Transfer design to
 - Calcite Components
 - HTML/JS
- Theme using CSS Custom Properties



Initial Design + Layout

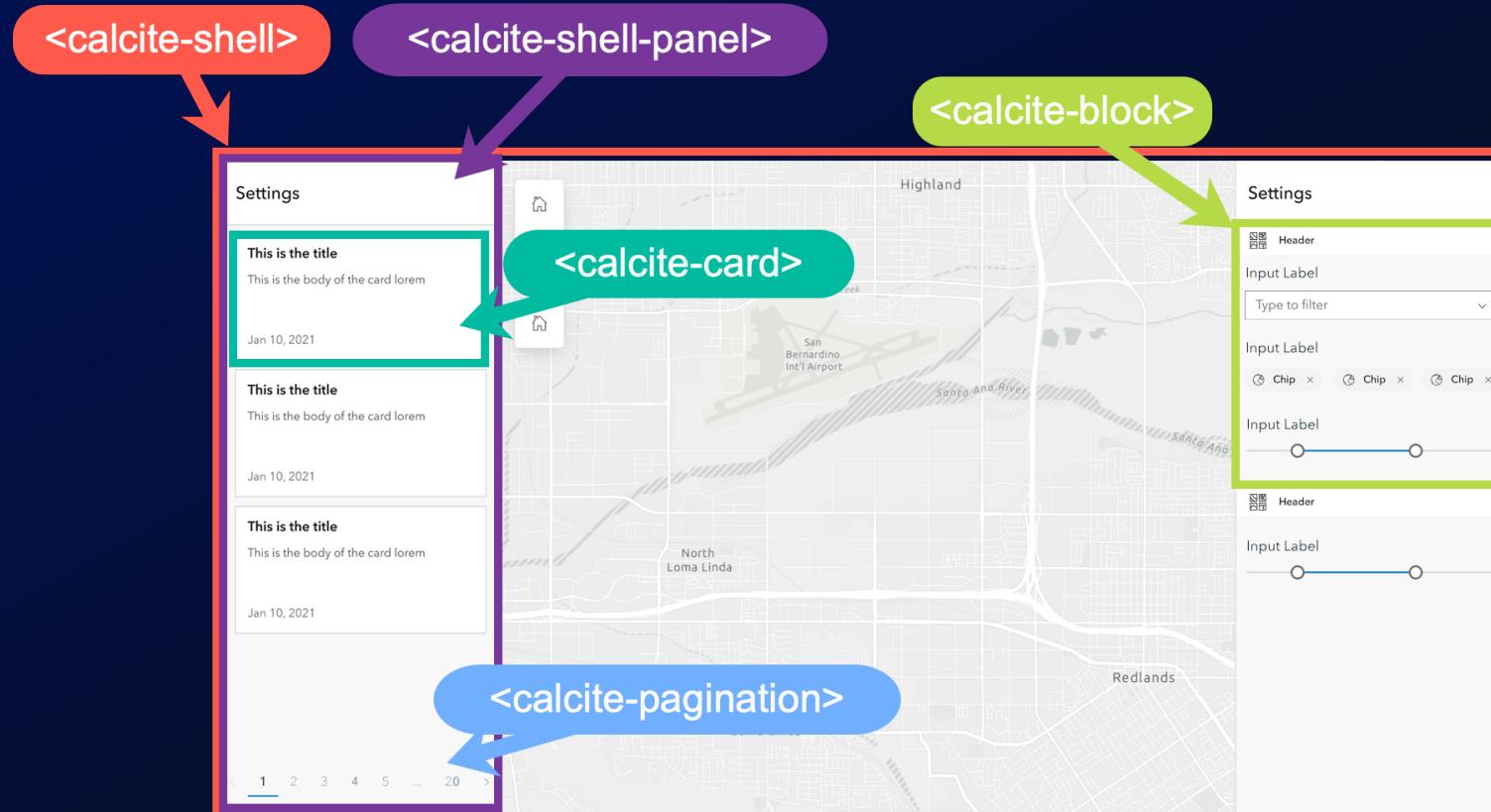
Using the UI kit to create a "UniversityFinder" app



The main interface consists of three main sections. On the left is a "Settings" sidebar containing three card components, each with a title ("This is the title"), a body ("This is the body of the card lorem"), and a date ("Jan 10, 2021"). Below the cards is a navigation bar with page numbers (1, 2, 3, 4, 5, ..., 20). The central section is a map of the San Bernardino area, showing streets, landmarks like "San Bernardino Int'l Airport" and "Santa Ana River", and neighborhoods like "Highland", "City Creek", "North Loma Linda", "Loma Linda", and "Redlands". To the right is a "Settings" panel with several input fields: a "Header" field with a dropdown menu, an "Input Label" field with a placeholder "Type to filter", a "Chip" field containing three items, another "Input Label" field with a horizontal slider, a "Header" field with a dropdown menu, and another "Input Label" field with a horizontal slider.

Initial Design + Layout

Using the UI kit to create a "UniversityFinder" app



Theming Calcite

How do I change the style of a component?

- CSS Custom properties
 - Variables in CSS
- [Colors & Themes doc](#)
- Calcite CSS Custom Properties
 - Global
 - Component



```
1
2 /* Added to body or element */
3 .myClass {
4   --calcite-ui-brand: red;
5 }
6
```



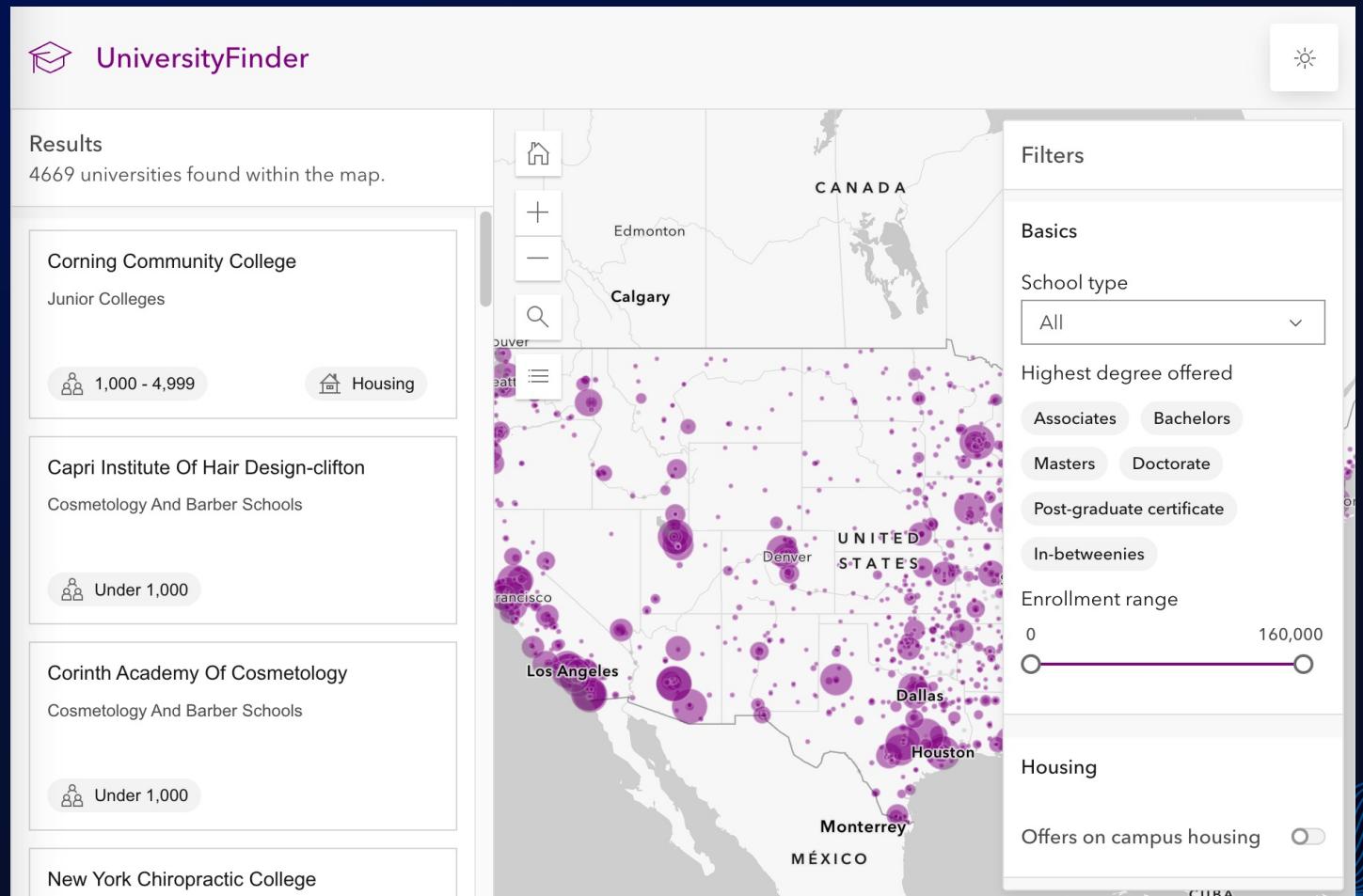
```
1 element {
2   color: var(--calcite-ui-brand);
3 }
4
```



DEMO: UniversityFinder

Application to view and filter universities

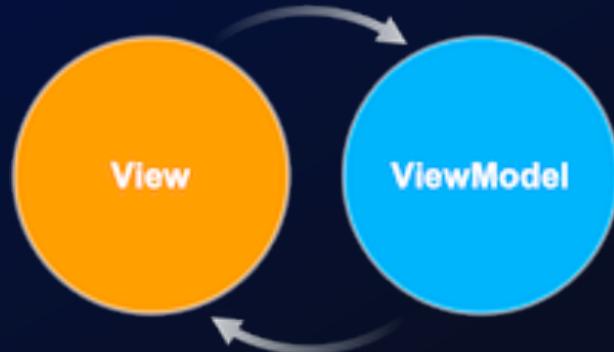
- Explore App
 - JSAPI code snippets
 - Custom theming



Widget Architecture

JSAPI widgets are composed of Views & ViewModels

- Business logic is separate from presentation
 - Reusable logic
 - UI replacement
 - Framework integration
- Use widget VMs to render custom UI using your preferred
 - Framework
 - CSS Library
 - Design System



Creating custom widgets using Calcite

Learn more about API widgets + Calcite...

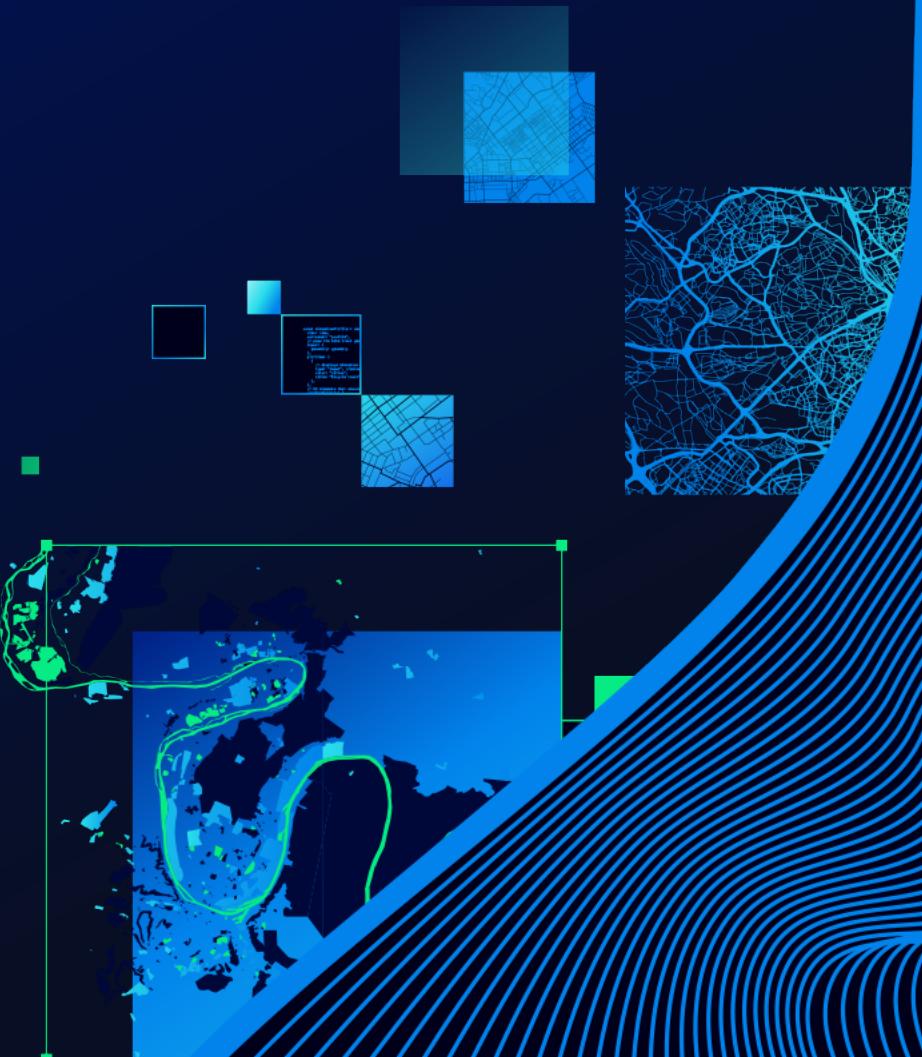
- ArcGIS API for JavaScript: Build a Custom UI for API widgets

- Thursday 3/10
 - 5:30 p.m. - 6:30 p.m.
 - Primrose C-D | PSCC
 - Create a custom widget view using Calcite components
 - Ryan Libed, Matt Driscoll



Roadmap

Julie Powell



- External & internal audits
- Designer & developer partnership
- VPAT

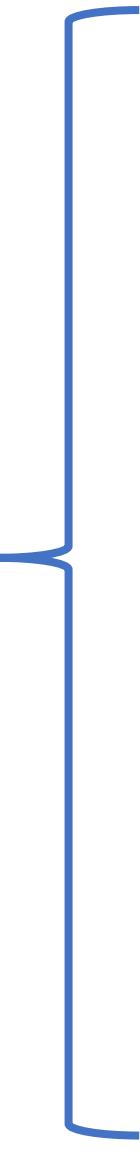
Accessibility

Keyboard navigation

Key	Function	Date of event
Arrow left	Move focus to previous non-disabled date	<input type="text" value="mm / dd / yyyy"/> ▼
Arrow right	Move focus to next non-disabled date	< April 2020 >
Arrow top	Move focus to previous non-disabled week	Sun Mon Tue Wed Thu Fri Sat
Arrow bottom	Move focus to next non-disabled week	29 30 31 1 2 3 4
Home	Move focus to first non-disabled date	5 6 7 8 9 10 11
End	Move focus to last non-disabled date	12 13 14 15 16 17 18
Space	Make currently focused date selection	19 20 21 22 23 24 25
Enter	Make currently focused date selection	26 27 28 29 30 1 2
Tab	Move focus between month/year items and dates. If the currently focused step is the previous month chevron, the focus will leave the component	
Tab and Shift	Move focus between month/year items and dates. If the currently focused step is the currently focused date, the focus will leave the component	

Continue to improve accessibility

- Consistency between components
- Localization



> Accordion
> Action
Alert
Avatar
> Block
> Button
• Card
Checkbox
Chip
> Color Picker
> Combobox
> Date Picker
> Dropdown
FAB
Flow
Icon
> Input
Label
Link
> List
Loader
Modal
Notice
Pagination
Panel
...

API reference

calcite-card

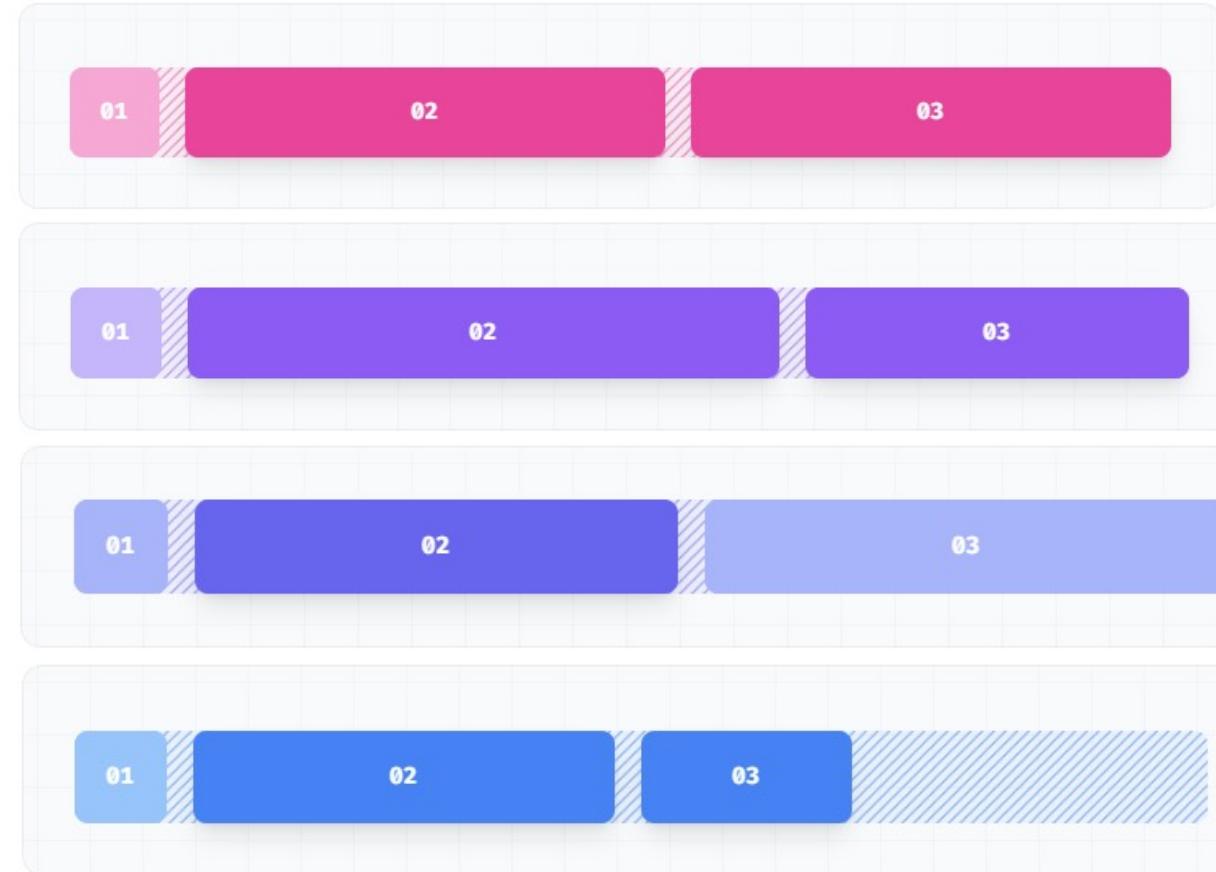
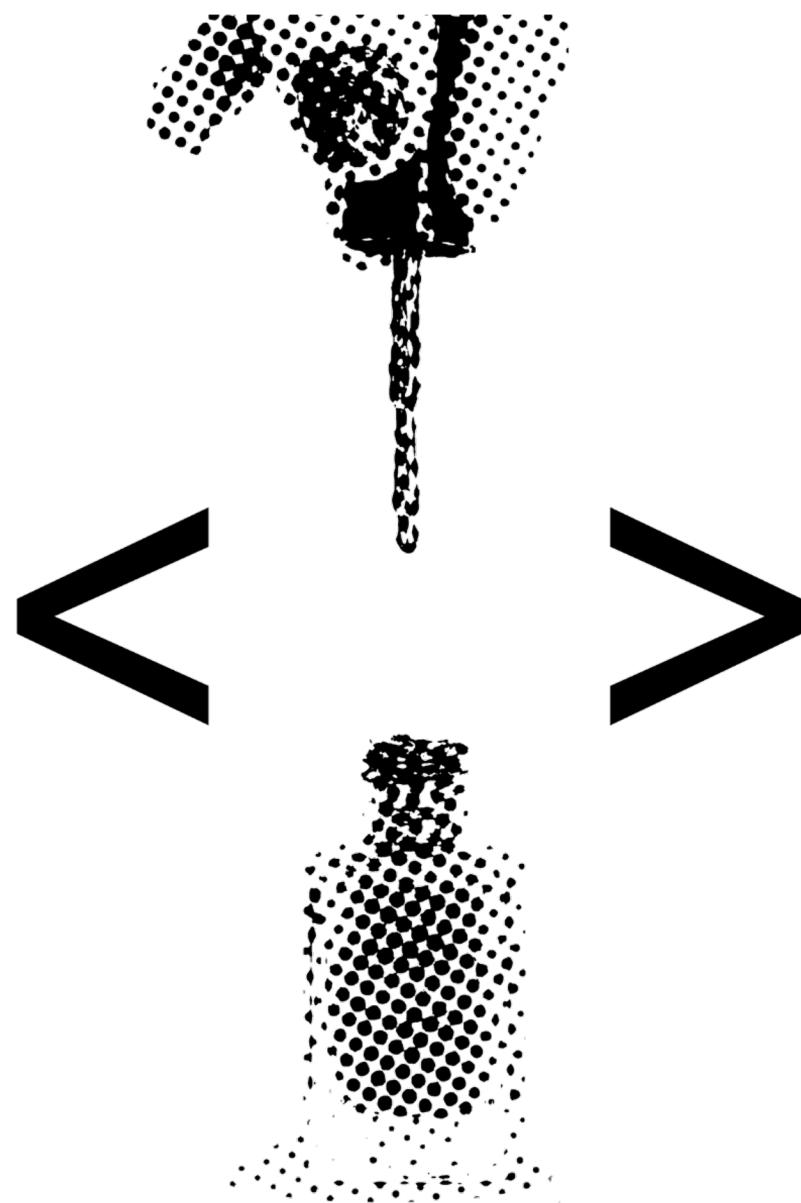
Documentation generated for Calcite Components v1.0.0-beta.76

Properties

Name	Type	Values
intlDeselect	abc	"Deselect" (default)
string to override English deselect text for checkbox when selectable is true		
intlLoading	optional abc	"Loading" (default)
string to override English loading text		
intlSelect	abc	"Select" (default)
string to override English select text for checkbox when selectable is true		
loading	bool	true false (default)
When true, the cards content is waiting to be loaded. This state shows a busy indicator.		
selectable	bool	true false (default)
Indicates whether the card is selectable.		
selected	bool	true false (default)
Indicates whether the card is selected.		

Events

Name	Detail



Component styling & layout: deeper customization

Rapidly build modern websites without ever leaving your HTML.

A utility-first CSS framework packed with classes like `flex`, `pt-4`, `text-center` and `rotate-90` that can be composed to build any design, directly in your markup.

[Get started](#) Quick search...

Ctrl K



"Tailwind CSS is the only framework that I've seen scale on large teams. It's easy to customize, adapts to any design, and the build size is tiny."

Sarah Dayan
Staff Engineer, Algolia

```
1  <figure class="bg-slate-100 rounded-xl p-8 dark:bg-slate-800">
2    
3    <div class="pt-6 space-y-4">
4      <blockquote>
5        <p class="text-lg font-medium">
6          Tailwind CSS is the only framework that I've seen scale on large teams. It's easy to customize, adapts to any design, and the build size is tiny.
7        </p>
8      </blockquote>
9      <figcaption class="font-medium">
10        <div class="flex flex-col justify-between">
11          <div>
12            <img alt="Sarah Dayan photo" class="w-12 h-12 rounded-full" style="vertical-align: middle;"/>
13            Sarah Dayan
14          </div>
15          <div>
16            Staff Engineer, Algolia
17          </div>
18        </div>
19      </figcaption>
```

- [Overview](#)
- [Get started](#)
- [Tutorials](#)
- [Framework integration](#)
- [Foundations](#)
- [UI Kits](#)
 - [Figma UI Kit](#)
 - [Sketch UI Kit](#)
- [FAQ](#)
- [Community](#)
- [System requirements](#)

- [Icon libraries](#)

Figma UI Kit

The UI-Kit contains all the resources you need for Figma to design great web applications. In this kit you'll find Figma versions of all [Calcite Components](#), [Calcite UI Icons](#), [Calcite Colors](#), and [Calcite Typography](#). As you construct your designs in Figma, developers will easily be able to implement them in code.

When there are new updates to the library, they are exported and versioned on Github.com. In order to use the Calcite Figma UI-Kit you will need to download the library.

[Download Figma UI Kit](#)

- [Figma UI Kit](#)
 - [Importing Figma files](#)
 - [Using the kit](#)
 - [Component variants](#)
 - [What is in the library?](#)

Was this page helpful?
 Yes No

Importing Figma files

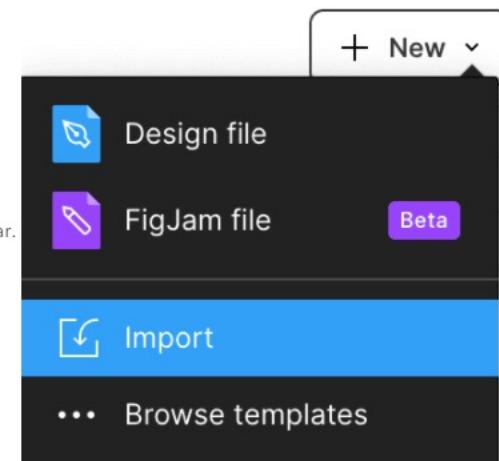
Once you have downloaded the files above make sure to unzip and follow the steps below to import the libraries in Figma.

Regardless of platform, the process for linking the Figma files is the same.

For desktop app users, make sure you are using the latest version of Figma

1

Click the Import button in the top right of the Figma toolbar.



2

Select the Calcite .fig files and click Open.

Calcite milestones



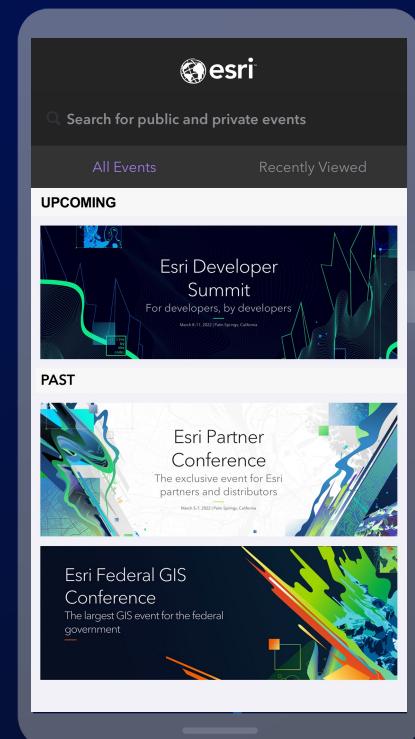
Learn More

Julie Powell

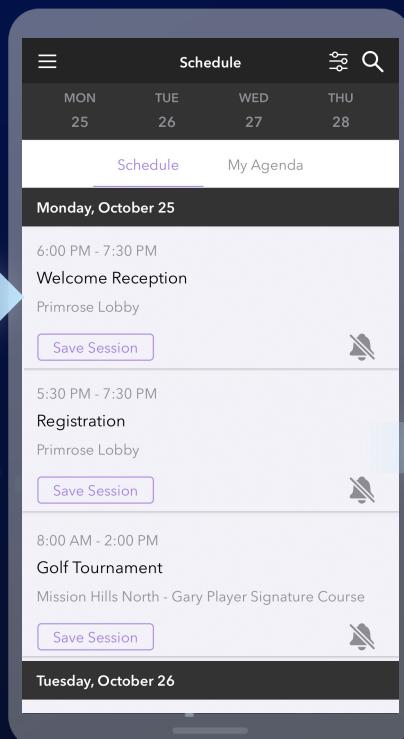


Please Share Your Feedback in the App

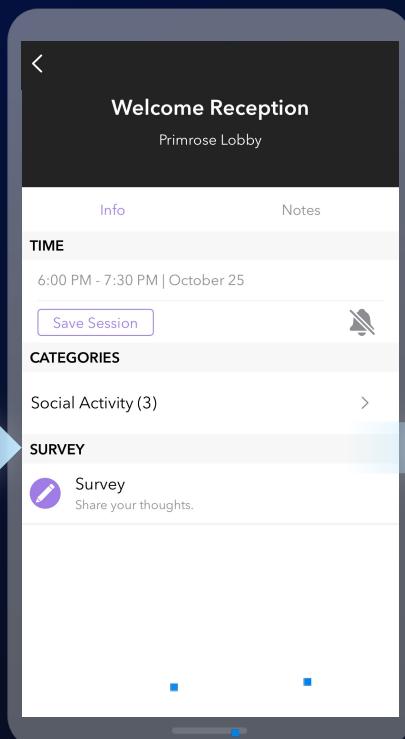
Download the Esri Events app and find your event



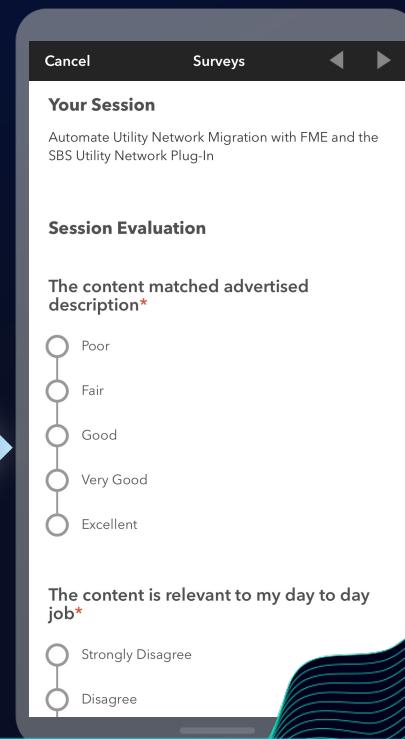
Select the session you attended



Scroll down to "Survey"



Log in to access the survey



esriurl.com/2022-ds-calcite-apps



esri®

THE
SCIENCE
OF
WHERE®





Presentation Title

Presenter Names

2022 ESRI DEVELOPER SUMMIT



Headline

Subhead

- Bullets



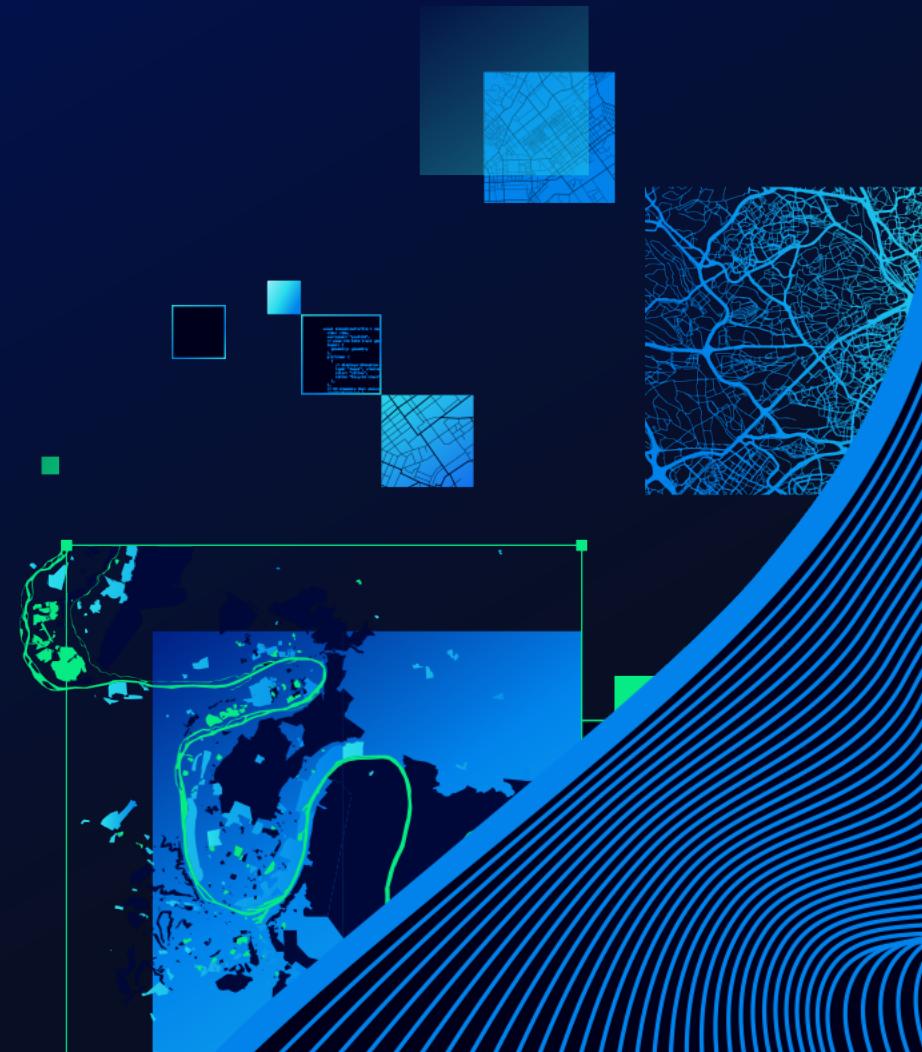
Section Header

Section Subhead

live
by
the
code

Section Header

Section Subhead

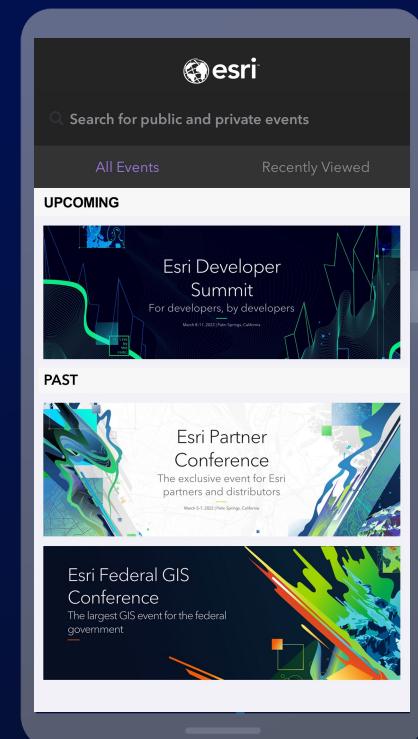


Demo Title

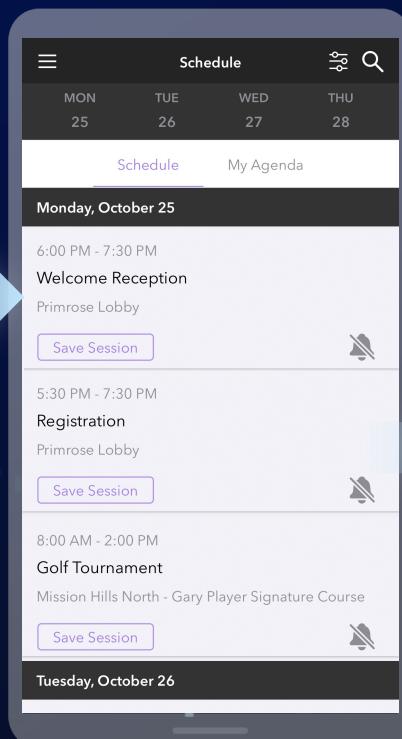
Demo Presenter

Please Share Your Feedback in the App

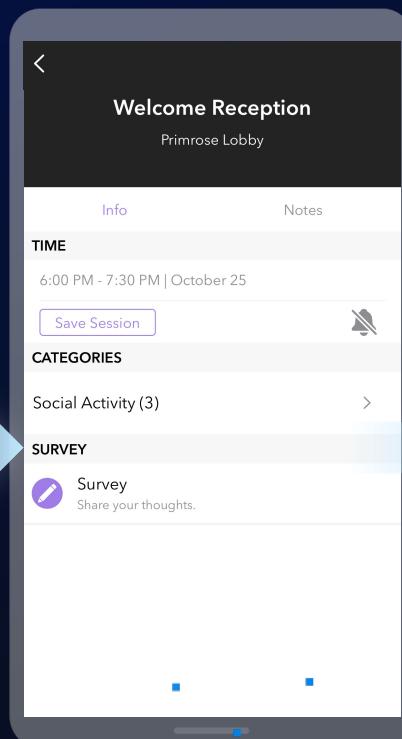
Download the Esri Events app and find your event



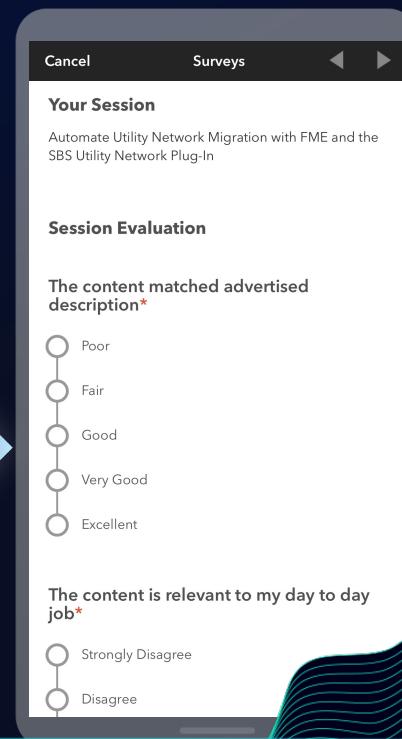
Select the session you attended



Scroll down to "Survey"



Log in to access the survey





esri®

THE
SCIENCE
OF
WHERE®