



# What Using Experience Builder Is Really Like

---

Or What Did I Get Myself Into?



# About this Presentation

---

Not going to show how to use Experience Builder

Questions are welcome and appreciated - use “Chat”

We have a positive view of Experience Builder

We are early adopters (1.0 - 1.4)



# What is Experience Builder (ExB)?

---

Next generation of Web AppBuilder (WAB)

Javascript 4.x API (Same as the new Map Viewer - formerly Map Viewer Beta)

I presented about Web AppBuilder 5 years ago, but I am no expert!

Designed to be "mobile first"

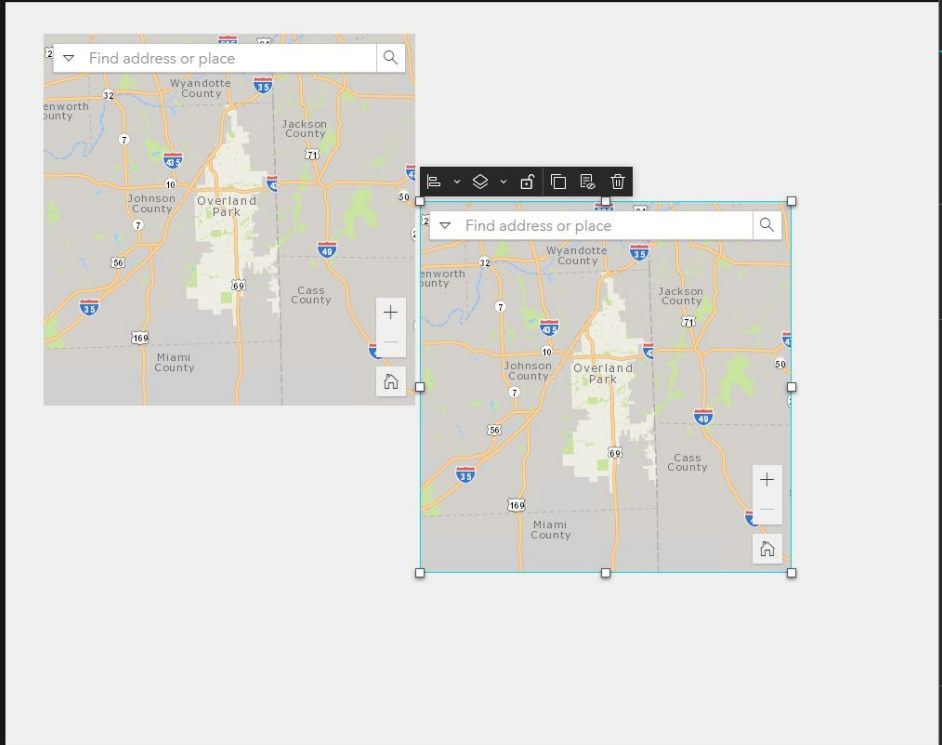


**Insert widget**

New Pending

Basic

Map	Legend
Map Layers	Feature Info
List	Table (beta)
Filter	Bookmark
Card	Fly Controller
Survey	
Text	Image
Button	Embed
Divider	



**Map 2**

Content Style Action

Source

A web map or web scene, or any combination of the two.

Select map

Initial view

Default

Custom

Tools

- Zoom
- Home
- Navigation
- Locate
- Compass
- Search
- Layers
- Basemap
- Measure
- Fullscreen
- Scale bar
- Select

Tools layout

Large and medium size

Small size

# What is Experience Builder (ExB)?

---

Many templates available

Dashboard templates in latest release - StoryMap templates someday?

Could it eventually be a significant part of AGOL?

# Why Did We Choose to Use ExB?

---

Migration from Flash

Not a web developer, just a hack

Esri Application Implementation Strategy (p.7)

Custom styles

Developer Edition - allows hosting on our web server (and custom widgets)

# What have We Used ExB for?

---

[Find A Development Proposal](#)

[Pan, Zoom, Identify Map Applications](#)

[What's Happening In My Neighborhood](#)

[AddressOPedia](#)

# What Using ExB is Like

---

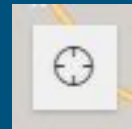
Configuring widgets is pretty straightforward

Templates are very easy

Laying out the interface is harder

Configuring for different size devices was not what I was expecting

Video: Designing Apps with Style and Layout





# AGOL vs Enterprise vs Developer Edition

---

The core is all the same

What if you need a custom widget later?

Version control - stuck at 1.1 for now

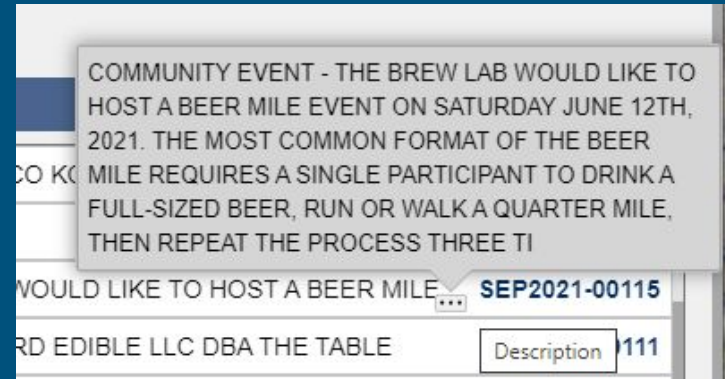
No patches

Run Dev Edition on PC or Windows Server



08-19-2020 07:30 AM

02-15-2021 08:46 PM



COMMUNITY EVENT - THE BREW LAB WOULD LIKE TO HOST A BEER MILE EVENT ON SATURDAY JUNE 12TH, 2021. THE MOST COMMON FORMAT OF THE BEER MILE REQUIRES A SINGLE PARTICIPANT TO DRINK A FULL-SIZED BEER, RUN OR WALK A QUARTER MILE, THEN REPEAT THE PROCESS THREE TI

WOULD LIKE TO HOST A BEER MILE... SEP2021-00115

RD EDIBLE LLC DBA THE TABLE

Description	111
-------------	-----

# Custom Widget Development

---

Programming will become easier in the future, right?

HTML, Javascript, CSS, React, Typescript (Bootstrap, Redux, Emotion)

Syntax shorthand

Start with sample code

Copy a core ExB widget

Copy a module from a core ExB widget

Use Javascript API in custom ExB widgets

3rd party libraries - jQuery sample

# Our Custom Widget Development

---

[Find A Development Proposal](#)

[Pan, Zoom, Identify Map Applications](#)

[What's Happening In My Neighborhood](#)

[AddressOPedia](#)

# Custom Functionality Considerations

---

Documentation - incomplete and thin

GeoNet - not much activity yet

Review samples

Look at core ExB widget code

Esri Professional Services

# Esri Support

---

GeoNet (Subscriber for Questions and Ideas)

User Conference / Developer Summit

30 minute code review

Contact Technical Support



08-19-2020 07:30 AM

02-15-2021 08:46 PM

# Am I Complaining?

---

No, development time is less than or equal to

Future projects should be even better

A lot of time spent collaborating with Esri

# Bottom Line About Where I Feel ExB Stands

---

Disclaimer: this info is outdated

Ready for simple applications

Cautious about mission critical applications

Widget parity with WAB

AGOL turning a corner

# Questions?

---

[dave.fullerton@opkansas.org](mailto:dave.fullerton@opkansas.org)