



ESRI DEVELOPER SUMMIT 2023

Modernize ArcGIS Web AppBuilder apps using ArcGIS Experience Builder

Kevin Gonzago

Agenda

- Why modernize your WAB apps?
- How to modernize your WAB apps?

Why Modernize?

- Retirement of ArcGIS Web AppBuilder
 - WAB Developer Edition will retire in July 2024 (coincides with JSAPI 3.x retirement)
 - WAB will retire from ArcGIS Enterprise first half of 2025
 - WAB in ArcGIS Online will retire Q4 2025
- ArcGIS Experience Builder uses Maps SDK JSAPI 4.x
- Different framework and architecture
- No easy way to convert
- Enhanced visualization and performance

ArcGIS Web AppBuilder

Strengths

- Empowered by 70+ widgets
- Rich URL parameters
- Accessibility
- Great communities!

ArcGIS Experience Builder

Key Features

- Mobile Optimization
- Flexible design
- Interconnected widgets
- 2D and 3D in one app
- Integration with other ArcGIS apps
- Extensibility

Modernizing Goals

- Minimize the impact
- Increase performance
- Modern look
- Great on Mobile

Functionality Matrix between Web AppBuilder (WAB) and Experience Builder (ExB)													
WAB		WAB		WAB		WAB		WAB		WAB		WAB	
About	●	Coordinate Conversion	●	Full Screen	●	Layer List	●	Query	●	Splash	●	Daylight (3D)	●
Add Data	●	Cost Analysis	○	GeoLookup	○	Legend	●	Related Table Charts	○	Stream	○	Navigate (3D)	●
Analysis	●	Data Aggregation	○	Geoprocessing	●	Measurement	●	Report Feature	●	Suitability Modeler	●	Slider (3D)	●
Attribute Table	●	Directions	●	Grid Overlay	○	My Location	●	Reviewer Dashboard	○	Summary	●	Measurement (3D)	●
Batch Attribute Editor	●	District Lookup	○	Gridded Reference Graphic	○	Near Me	●	Scalebar	●	Swipe	●		
Basemap Gallery	●	Distance and Direction	○	Group Filter	●	Network Trace	●	Screening	●	Threat Analysis	○		
Bookmark	●	Draw	●	Home Button	●	Oblique Viewer	●	Search	●	Time Slider	●		
Business Analyst	●	Edit	●	Image Measurement	●	Overview Map	●	Select	●	Visibility	○		
Chart	●	Emergency Response Guider	○	Incident Analysis	●	Parcel Drafter	○	Share	●	Zoom Slider	●		
Controller	●	Extent Navigate	●	Infographic	●	Print	●	Situation Awareness	●	3DFx	○		
Coordinates	●	Filter	●	Info Summary	●	Public Notification	○	Smart Editor	●	Compass (3D)	●		
Functionality Matrix between Web AppBuilder (WAB) and Experience Builder (ExB)													
						● Available in Experience Builder		● Planned		○ Not Planned			

Demo

```
current_layer = QgsMapLayerRegistry.instance().mapLayersByName('DEM')[0]
view.setMapLayer(current_layer)
# If there were problems with the layer, we could use the following code to print the error message
```

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Summary

- Modern and mobile optimized
- Minimize the impact
- Get new functionality



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