Advanced Web Mapping

Piyali Kundu, Solutions Engineer
If a picture is worth a thousand words...

...How do you ensure they are the right words? 😊
Agenda

• Enhanced data management via hosted views

• Advanced visualization with custom Arcade expressions

• Established branding and design with vector tile editors
Hosted Feature Layer Views
Blend and view information in different ways without affecting source data

- Create multiple unique windows into your data, customized to fit specific audience need(s) and provide a tailored experience.

- Adjust sharing permissions, symbology, filtering, and editing behavior across different views of the data.

- Combine static and fluid data and dynamically view changes in related data.

This could alleviate the need to…

- Make multiple copies of data
- Merge data together in ArcGIS Desktop
- Regularly overwrite data to publish updates
Hosted Feature Layer Views example
Supporting internal and public views of coyote sightings data

Public
- Add new
- View reviewed

Internal (field)
- Add new
- View all

Internal (reviewer)
- Update/delete
- View pending

OG Feature Layer
Hosted Feature Layer Views

Resources

Documentation

• Creating hosted feature layer views

Blogs

• Getting Started with Feature Layer Views
• Bring your data closer together: Save analysis results from Join Features as Hosted Layer Views
• Visualizing related data with Join Features in ArcGIS Online
Demo: Hosted Feature Layer Views
Arcade
Portable expression language for use across the ArcGIS Platform

• “Portable”: Scripts authored in ArcGIS Pro can be read and executed in a WebMap or mobile app.

• Scripting to control:
  - Feature rendering/symbology
  - Labels
  - Popups
  - Calculated fields (*new!*)

• Secure: No executable code in syntax
Arcade Resources

Documentation

- https://developers.arcgis.com/arcade/
  - Function Reference

Story Maps/Blogs

- Introducing Arcade
- Try an Arcade Expression
- How to Smart Map: Arcade
- Using Arcade Expressions in Web Maps
Demo: Arcade
Demo: Vector Tile Style Editor & mapstyler