Intro to JS API 4.0

• 4.x
  - a new, modern, lean API project started late 2013
  - introduction of 3D
  - WebScene
  - new SDK rebuilt from scratch
  - Consistent coding pattern: properties, watch, promises…

• Current release beta3:
  https://developers.arcgis.com/javascript/beta

4.0 is coming soon!
Intro to Web Scenes

- The scene viewer is an app built into the ArcGIS Online & Portal for creating and interacting with 3D scenes
- Scene Viewer and ArcGIS Pro both author web scenes
- Web scenes can be global or local
  - Local web scenes can be in any projected coordinate system
3D Web Apps in the ArcGIS Platform

- **Web Scene Viewer**
  - Released Dec 2014
  - Read/Write web scenes

- **ArcGIS Online February Update (2016)**
  - Configurable 3D web apps were released
    - Templates
    - Web App Builder
  - Read web scenes only
What are People Creating with Web Scenes?
Javier

Intro to 3D in 4.0 JS API

Javier
Creating an Elevation Service

Russ
Authoring and Sharing a Scene

Russ
Demo Re-cap

- Using my own elevation service
- Published a local web scene from Pro
  - This creates a scene service from a multipatch feature class
  - Feature layer also created with building footprints
  - Tiled layer also created when scene was published from the Arial Imagery
Creating a 3D web app with 4.0 JS API using a web scene

Javier
Final Notes

- JS API 4.0 coming soon!
  - Beta 3 available since December(2015)
- 3D Web apps available today!
  - Web App Builder
  - Templates
  - Web Scene Server