

Agenda

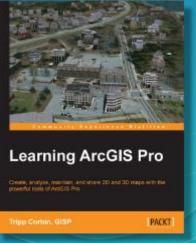
ArcGIS Pro Tips and Tricks

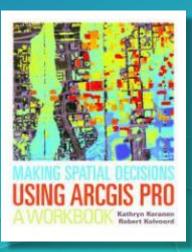
- Resources
- Application
- Map Exploration
- Map Authoring and Sharing
- Data Management and Editing
- Geoprocessing and Automation

Learning Resources

- Get Started with ArcGIS Pro
 - 15 Quick-start tutorials
- esri.com/training
 - web courses, videos and training seminars
- · learn.arcgis.com
 - 11 ArcGIS Pro lessons
- 3 books plus a 4th on the way





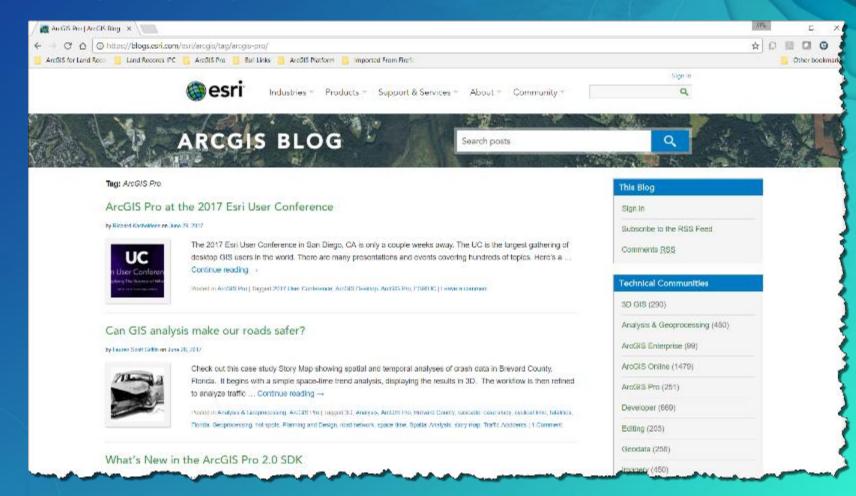


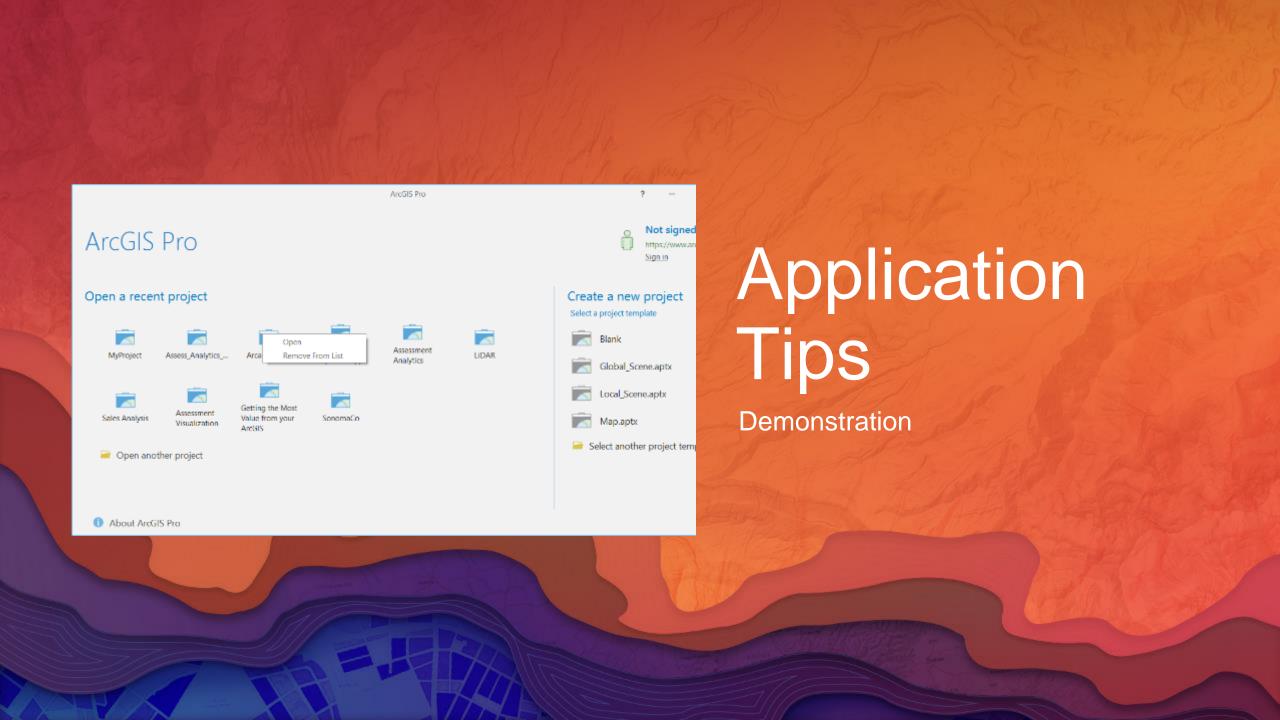
ArcGIS Blog

https://blogs.esri.com/esri/arcgis/feed



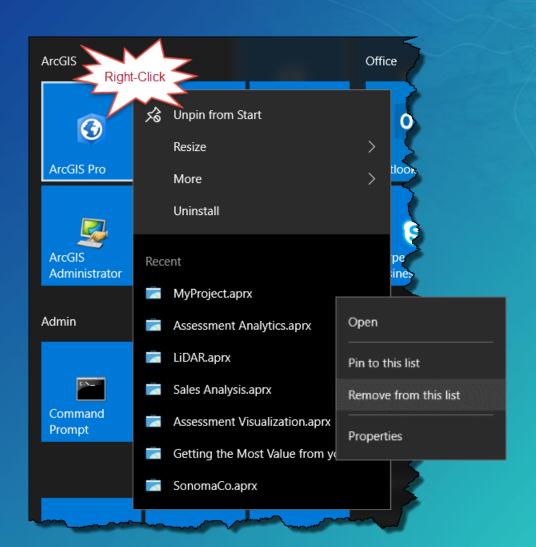
https://blogs.esri.com/esri/arcgis/tag/arcgis-pro/



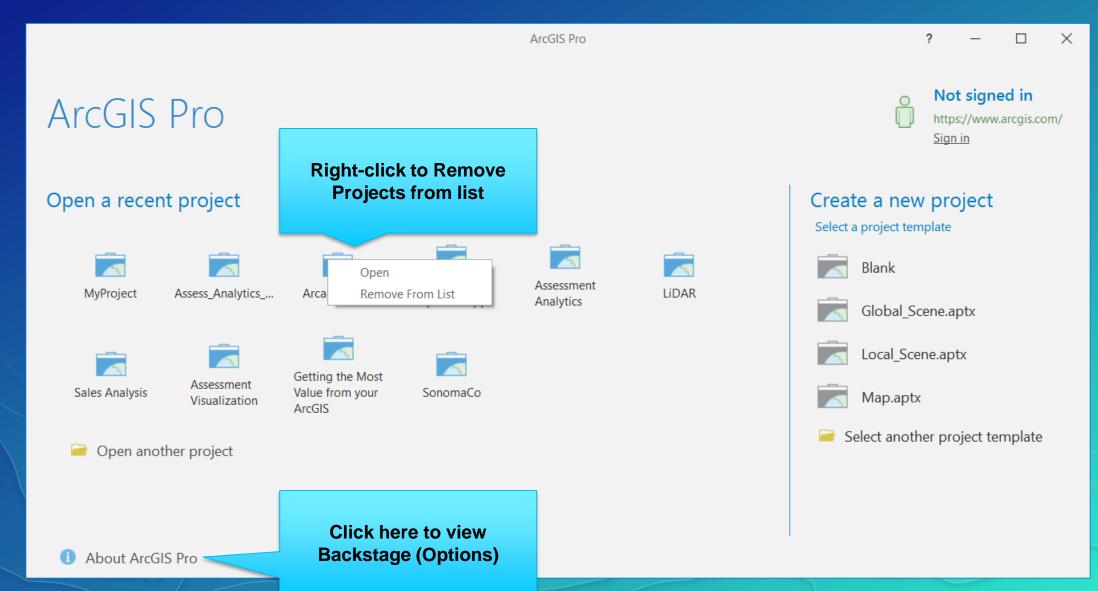


Start Pro with an existing Project

- Windows 10
 - Show recently open items
- Right-click on ArcGIS Pro
- Select a Project
- Can remove from list



Start screen



Important Licensing e-mail

- Sent to Primary Contact
- Activate your ArcGIS Online Subscription
- ArcGIS Pro Licenses can be added





Hello:

Here is the information for activating your ArcGIS Online subscription.

To activate your subscription, click the following link or copy it into your browser.

https://www.arcgis.com/home/signin.html?activationcode=c8bb2e823d82a907258d

Review the terms of use.

Your Subscription Information

Keep the following subscription ID for your records and reference it if you need to contact us.

Subscription ID: 9354027802 Customer number: 6001

Customer Name: Esri Redlands CA Headquarters

Self-Help Resources

ArcGIS Online help ArcGIS Online forum ArcGIS Online videos ArcGIS Online blog

Need Help or Have Questions?

If you are in the United States and have difficulty activating your subscription, e-mail us at service@esri.com or call 1-888-377-4575 (option 5).

If you are outside the United States, contact your local Esri office.

Thanks,

The ArcGIS Online Team

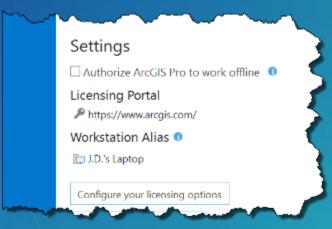
Licensing

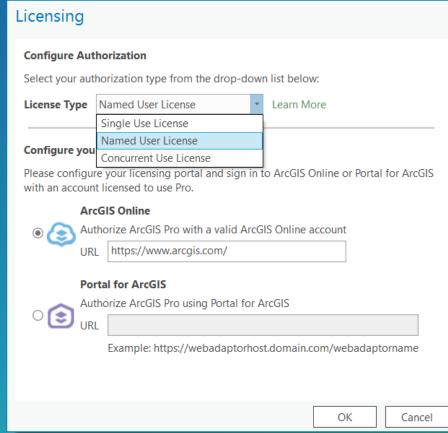


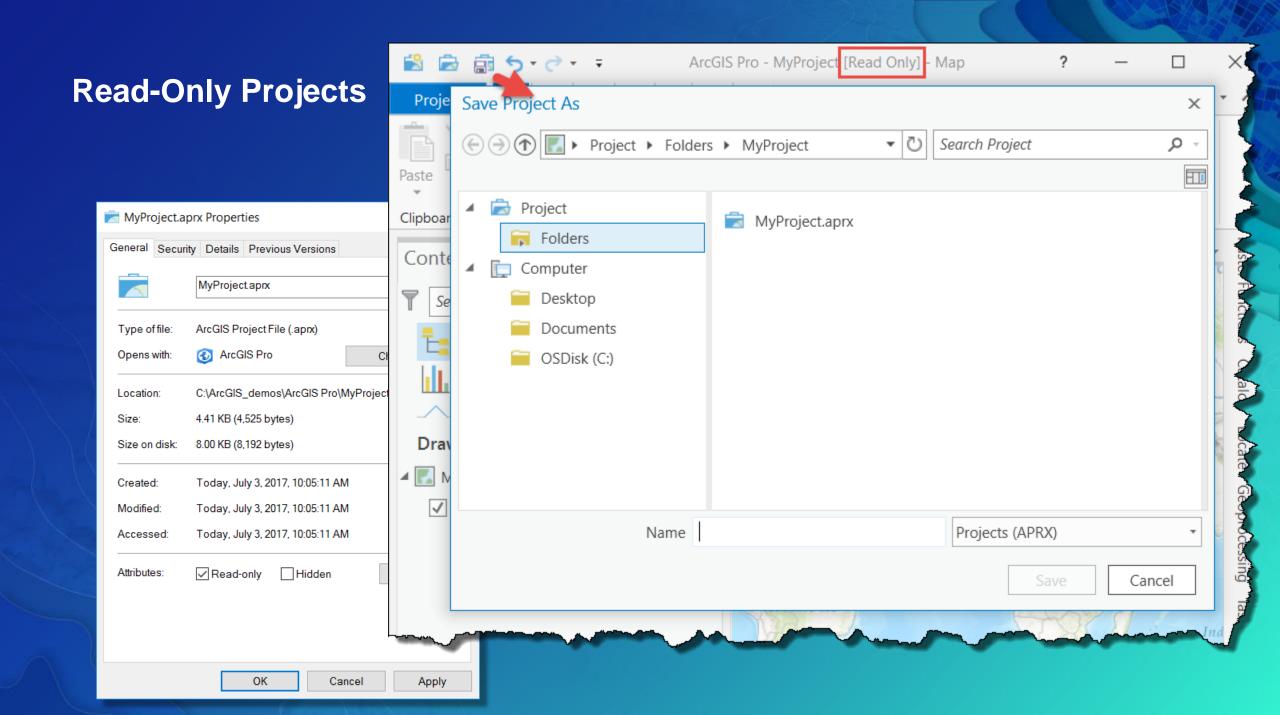
- Project > Portals (Licensing icon)
 - Create custom Role for non Admins to manage

- Configure Licenses
 - Set at Startup
 - Project > Licensing

- Go Offline
 - Take License Offline
 - Set Alias for machine



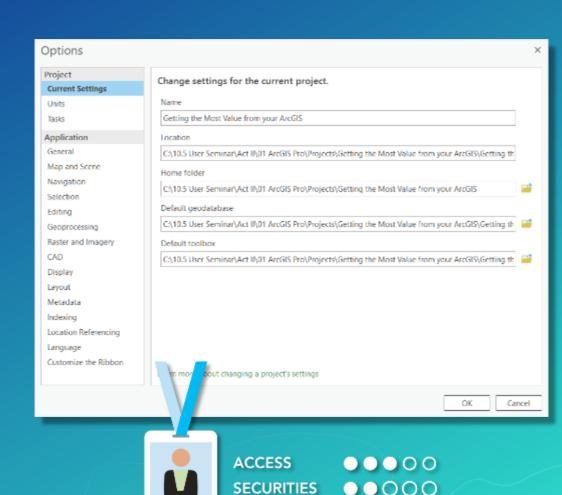




Backstage

Options that establish how Pro works

- General
 - Default GDB, Toolbox, and Folder locations
 - Be aware setting Enterprise GDB as Default make it target for GP output, Map Notes, etc.
- Map and Scene
 Basemap, New layers visible, and Spatial Reference
- Navigation
 - Roller wheel behavior and Transition Time
- Selection
 - Display interactive selection graphic
- Geoprocessing
 - Allow geoprocessing tools to overwrite existing datasets
 - Raster and Imagery
- Raster Dataset > Use world file to define the coordinates of the raster

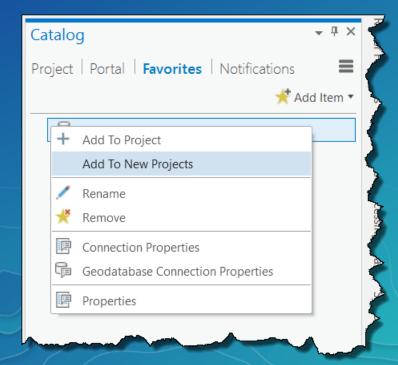


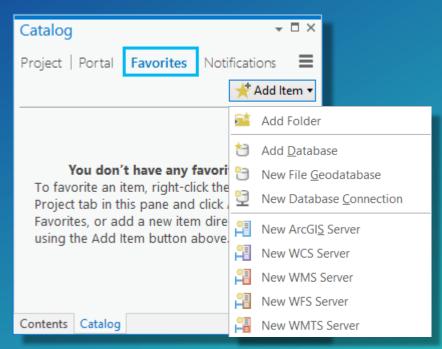
CAPABILITIES • • • • •

Favorites

Catalog pane

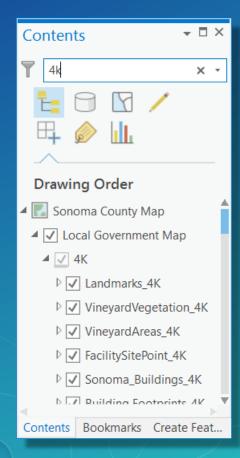
- Folder, database, server connections
- A-la cart or to every new project

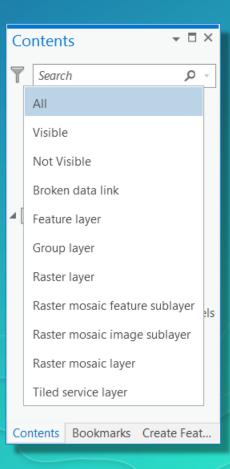




Contents Pane – Search and Filter

- Search
 - Layers filtered by Search string (4k)
- Filter Contents
 - All
 - Visible
 - Not Visible
 - Feature layer
 - Group layer
 - Raster
 - many more...



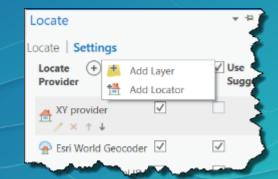


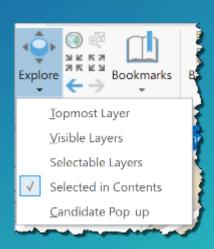


Map Exploration

- Link Maps (and/or Scenes)
- Bookmarks from any map available for other maps/scenes
- Explore tool is Identify, pan, zoom.
 - How to control what you are Identifying
 - Disable Popups on layers you don't want to Identify
 - Change the behavior of Explore tool

Add Layers as Locators





WSYWIG - Demonstration

What you see is what you get

- Table window filtered by Time, Range, and Visible Extent
 - Highlighted Selected
- Charts dynamically update with Time and Range
- Legends on Layout show visible features
- Printing export (transparent symbols)





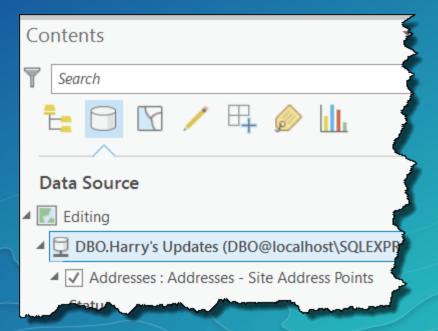


Data Management and Editing Tips

Demonstration

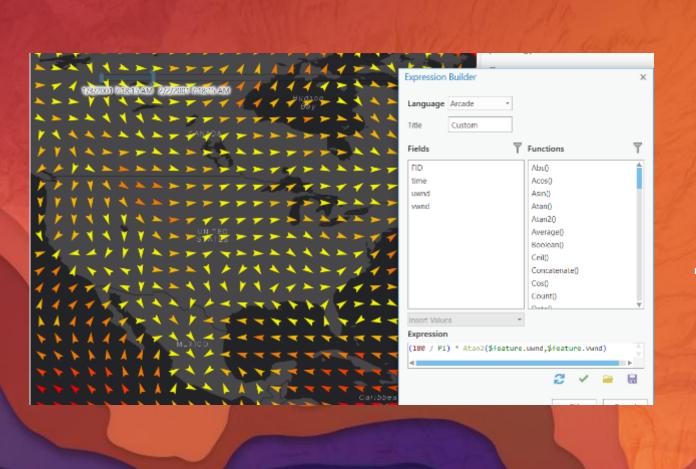
Data Management

- Fields can be copy/pasted
- Reorder fields not permanent (view only)
- Rename fields in tables/layers that you own in the database
- Versioning accessed via Database View and selected Database Connection



Editing

- Editing Grid
 - Use Editing Grid in built environments (show how to move, scale, and rotate
- Snapping
 - Units, colors, etc.
- Disable Feature Cache when editing Feature Services
- Map Topology
 - Edge editing (close gaps) within same layer and with other layers
- Group Feature Templates
 - Add features to multiple layers with a single sketch



Map Authoring and Sharing Tips

Demonstration

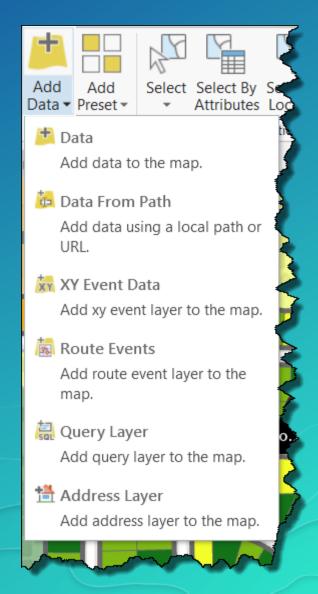
Add Data – Has many Options

- Add Data is one many Split Controls
 - Top applies default filters



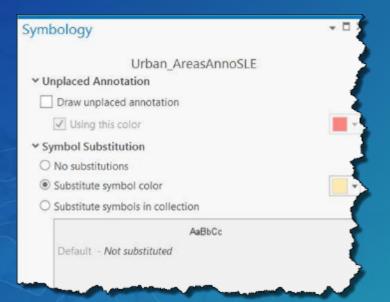
Bottom exposes additional Data types

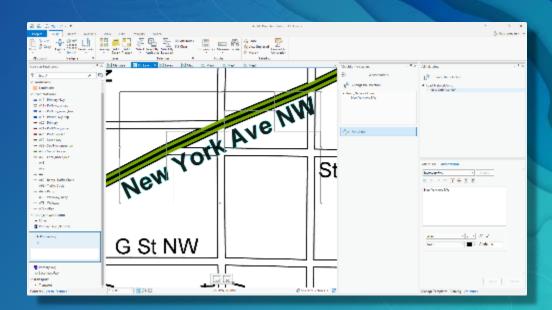


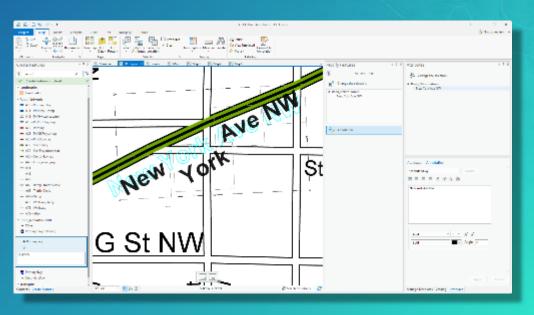


Create and edit Annotation

- Upgrade Annotation feature classes
- Convert Labels to Annotation
 - Feature Linked Annotation
- New Annotation Editing experience
- Symbol Substitution

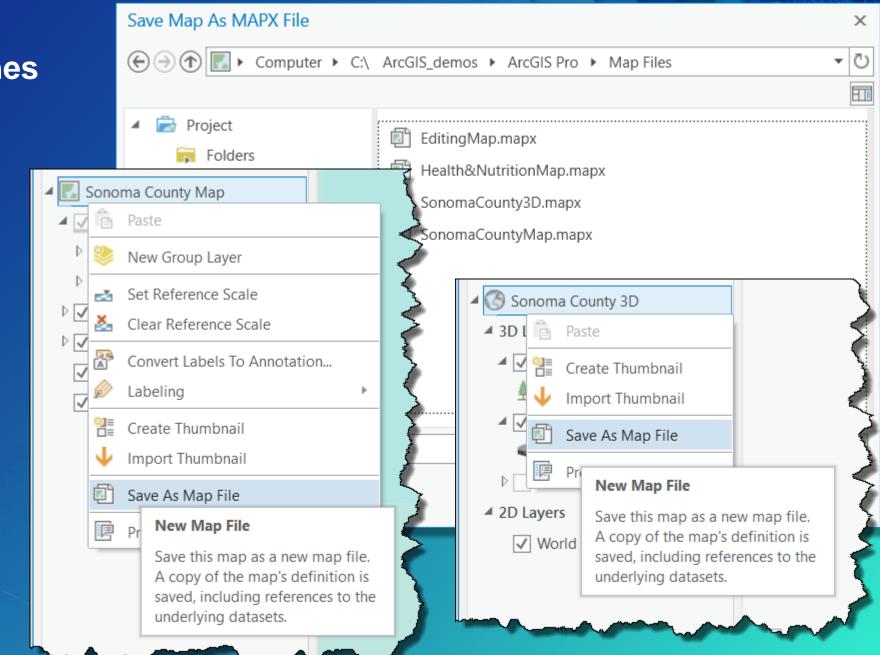


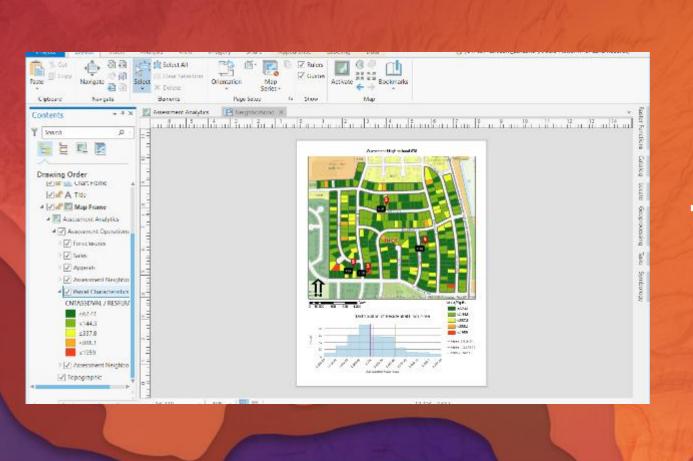




Save Maps and Scenes

- Use in other projects
- Backup
- Share with others





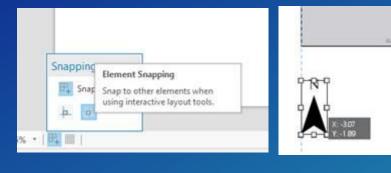
Layout

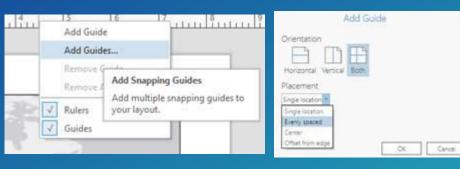
Demonstration

Layouts

Element snapping

Guides





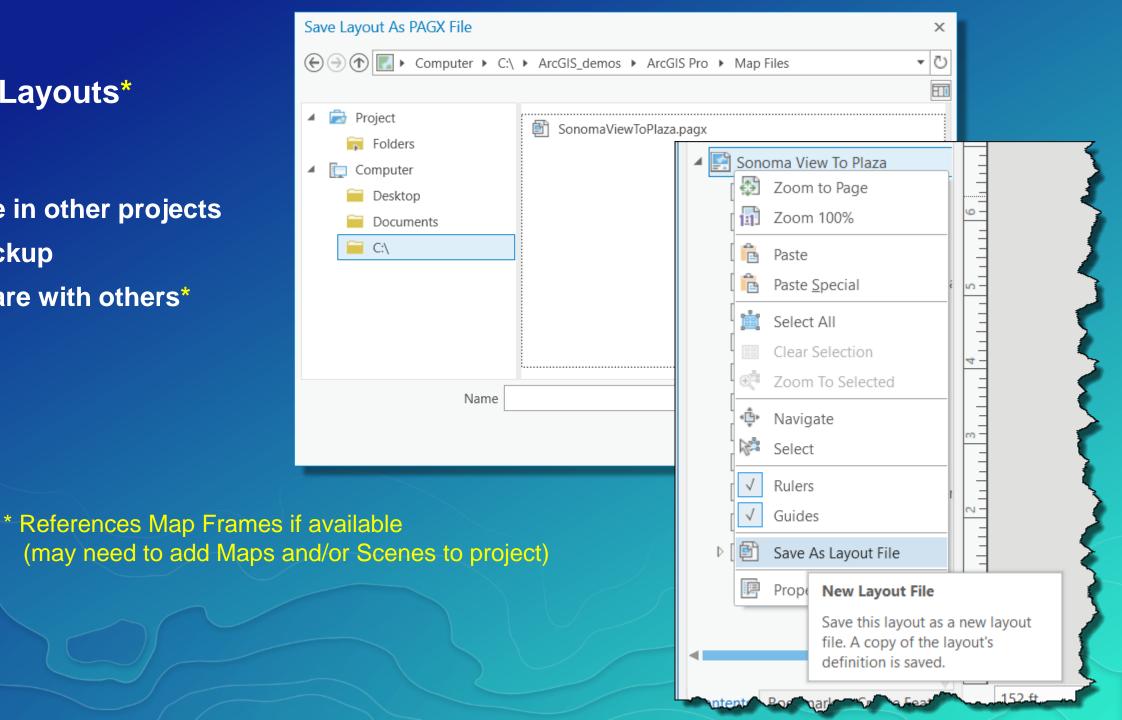


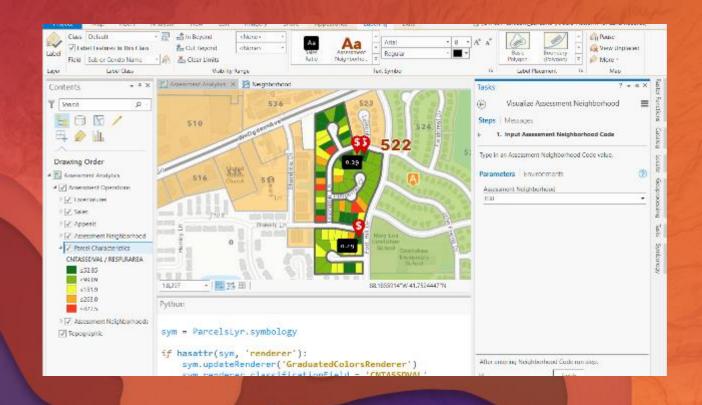
- Reshape map frame
 - Insert tab



Save Layouts*

- Use in other projects
- Backup
- Share with others*





Analysis and Automation Tips

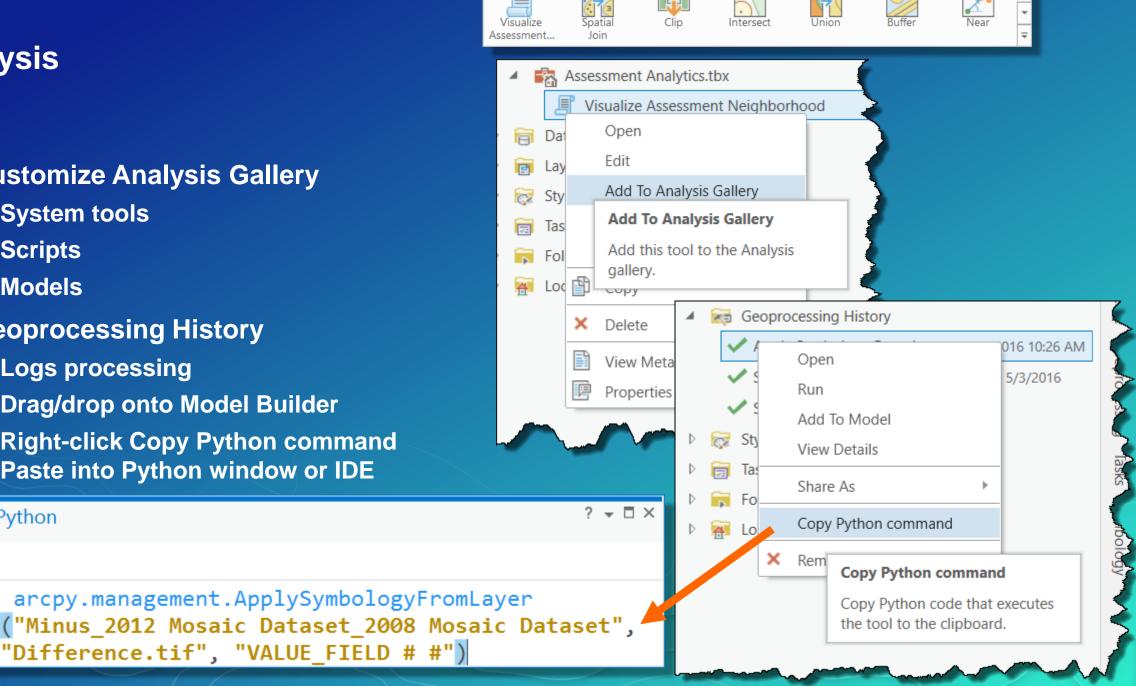
Demonstration



- Customize Analysis Gallery
 - System tools
 - Scripts
 - Models

Python

- Geoprocessing History
 - Logs processing
 - **Drag/drop onto Model Builder**
 - **Right-click Copy Python command** Paste into Python window or IDE



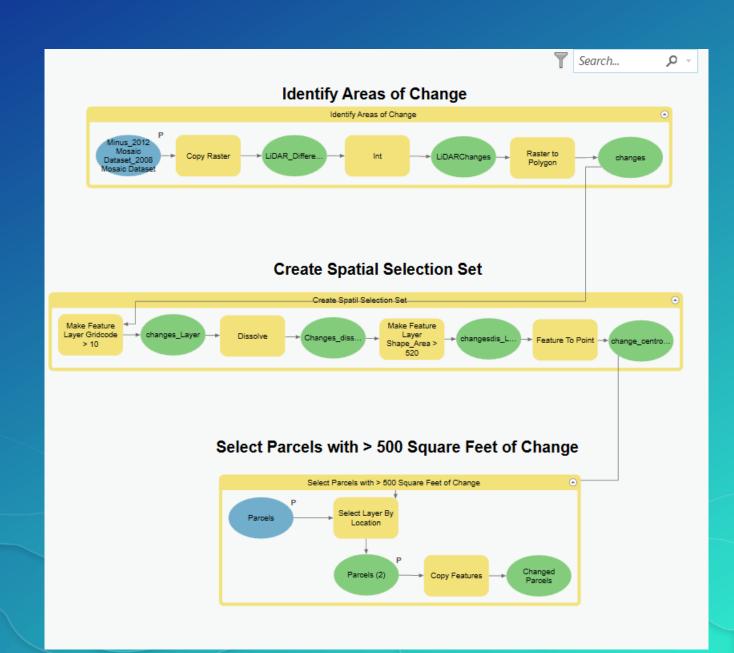
Model Builder

Group Elements



- Lock Elements
 - Ignored by Auto Layout



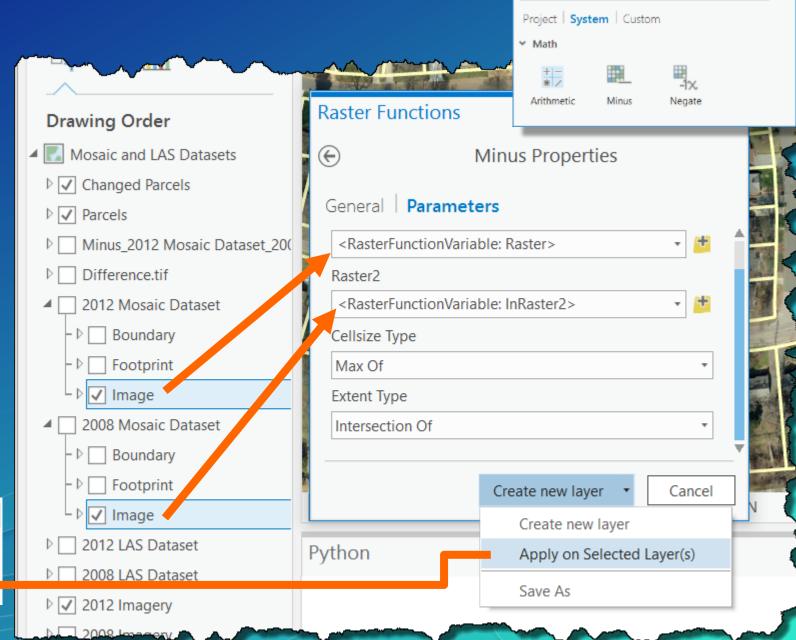


Raster Functions

Search/Filter

- Select inputs in Contents
- Apply to Selected





? - - X

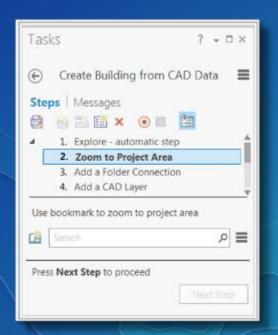
× - ≡

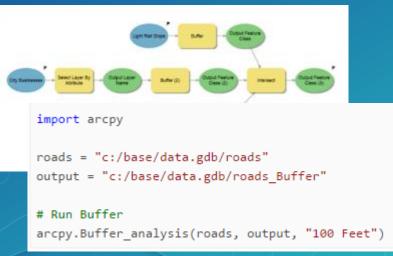
Raster Functions

Minus

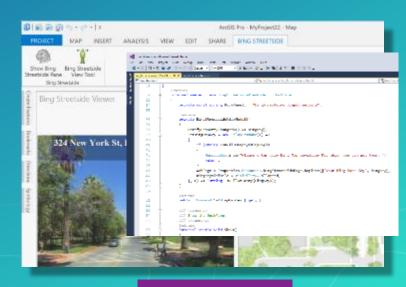
Extending ArcGIS Pro

- Ways to extend ArcGIS Pro:
 - Configure UI through settings, and workflow through Tasks
 - Automate using geoprocessing and Python
 - Extend with the Pro SDK





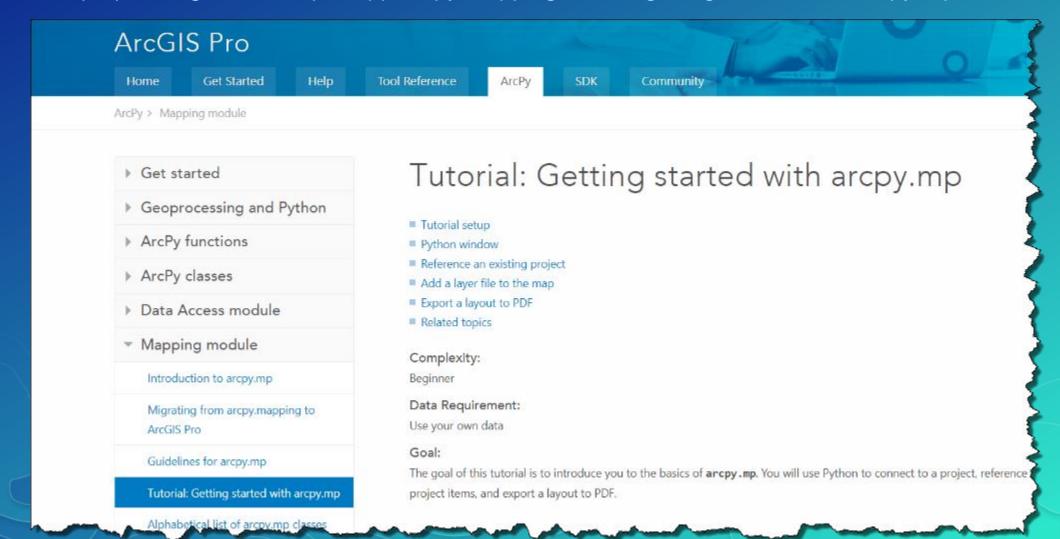






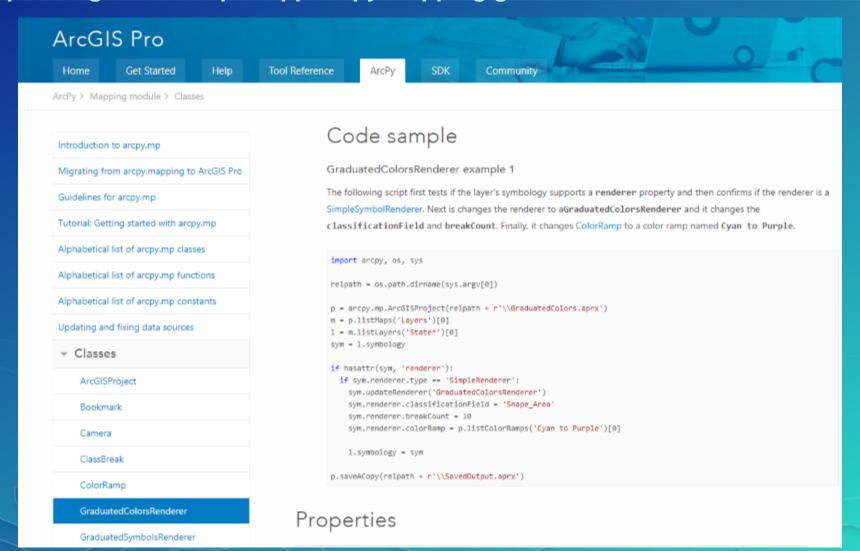
Automation with ArcPy

http://pro.arcgis.com/en/pro-app/arcpy/mapping/tutorial-getting-started-with-arcpy-mp.htm



Graduated Colors Renderer Code Sample

http://pro.arcgis.com/en/pro-app/arcpy/mapping/graduatedcolorsrenderer-class.htm



Automation Demonstration

ArcPy

- Create simple script to set def queries
- Save as script and include in Project Toolbox
- Modify script to accept an argument (input parameter)
 - NBRHD = arcpy.GetParameterAsText(0)
- Add Script Tool to Analysis Gallery

Tasks

- Create a Task that includes Script
- Add step to Zoom To Layer
- Package Project in Project Template for distribution

Summary

- Thank you for attending!
- Many Technical Workshops and Demo Theater Presentations on ArcGIS Pro

