Spring NEARC May 19th, 2020

Session: What's New (Pro, Online)

Q: You mentioned Assistant Rule, will Attribute assistant be auto replaced to be across platforms?
A: You won't see attribute rules in ArcMap, and there is no auto-migration I am aware of from Attribute Assistant to Attribute Rules

Q: If we have map templates currently created in ArcMap as. mxd's can we import them to Pro and save as a Pro template? Thanks!
A: Yes, there is a function for that, you could import the map, or several maps, into the Pro Project, then create a template out of it.

Q: How do you set up a feature template in ArcGIS Pro?
A: https://pro.arcgis.com/en/pro-app/help/editing/create-a-feature-template.htm

Q: Could the template also split the main pipe?
A: yes. https://pro.arcgis.com/en/pro-app/help/editing/create-a-feature-template.htm

Q: How do you set up contingent values?
A: Within this link below, take a look at the "Prepare data for contingent values. Link:
https://pro.arcgis.com/en/pro-app/help/data/geodatabases/overview/contingent-values.htm#ESRI_SECTION1_A4B2527241AA4BB78E90DC74997ABCCA
I like this blog post, it's from July, but a great resource: -
https://www.esri.com/arcgis-blog/products/arcgis-pro/data-management/contingent-values-in-arcgis-pro-2-4/

Q: On that hydrant thing, most people collect data in the opposite order. You GPS the hydrant and the gate valve, then draw the service line connected between them. Can you add the hydrant and gate and then have it automatically draw the service line between them?
A: I've not set that up but will try it. You could click a location of the hydrant, then start drawing the line, but I see your workflow. 1. locate hydrant, 2. locate gate valve, 3. auto-draw the service line.

Q: When do use Attribute Assistant and when to use Arcade?
A: It really does depend. here is a good thread on it.   https://community.esri.com/thread/217086-arcgis-pro-attribute-rules-as-attribute-assistant-replacement

Q: Can you specify your own polygons for the binning?
A: the dynamic binning I showed gives you 4 choices of bin types - flat/pointy hexagons, squares and geohash. You can use your own polygons in some other tools (i.e. summarize within) but those are not dynamic. Also, the point data for dynamic binning must be in an enterprise geodb.

Q: Can the auto populating of asset ID's using Arcade's Attribute Rules be performed on a hosted feature service that's on AGOL?
A: the attribute rules live inside the geodatabase so I don't think they will work against hosted feature layers edited in Pro.

Q: Is there a tool for picking colors/symbols with visual impairments in mind i.e. color blindness?
A: I do not know the answer to that one, Devon. I know there are color sets for that purpose that users have created, but I have not seen it exposed in the default GUI. Pop me an email, and I will look into it for you. mscott@esri.com
A: No tool, but there are guidelines and I have used this in the past. Always ensure the map can be printed in B/W and still convey its meaning. https://colorbrewer2.org/#type=sequential&scheme=BuGn&n=3

Q: What is new in ArcMap 10.8?
A: Nothing. ArcMap is in maintenance mode only. There is no new development happing in ArcMap. All resources are dedicated to ArcGIS Pro.
A: Not much, really! Bug fixes, performance tweaks. 10.8.1 will likely be the last version with any enhancements. It will, of course, be continued to be supported. I looked at the 10.8 feature list, not much to report there.

Q: **Is it possible to share a Pro map package with someone who hasn't made the switch to Pro?**
A: You cannot export a map in ArcGIS Pro as a map document (.mxd). However, if you are using geodatabases, shapefiles, or other supported formats, the data can be shared between applications, and maps can be published as services from ArcGIS Pro and shared with someone using ArcMap, ArcGIS Online, or ArcGIS Enterprise.

Q: Can you export to an older .AI file instead of the new .AIX?
A: the native AI format is not in Pro, just the AIX (and PDF) for use in Adobe Illustrator. AIX will come in cleaner/better organized that PDF.

Q: In the Nile map, what base map or design style was the underlying data? I liked the style.
A: If you send me an email (toms@esri.com) I will send you a map package so you can see how it was done. There are some picture fill symbols in there.

Q: You were demoing the water model in Pro. We are still stuck in ArcMap because the geometric network was not in the Pro plan. Is that true and we'd still need to add the Utility Network?
A: The Geometric Network will continue to be the solution in the ArcMap environment. ArcGIS Pro uses the Utility Network in either a Single-Editor mode in a File Geodatabase, or as a Utility Network Service in ArcGIS Enterprise, for multi-user.

Q: When do you expect Map Viewer Beta to be 'complete'/replace the current map viewer?
A: Over time the plan is to have the new Map viewer Beta have feature parity with the current map viewer. Not sure when/if it will "replace" the old one. They are built on two different JavaScript APIs, v3 for the "classic", v4 for the

"new" one. Pretty sure the plan is to keep both around for a while. At some point this quarter, the new one will not be Beta anymore, but I will ask about phase-out plans for the new one.

Q: About animations: I have one that I update daily. Is there a way to update the animation with new data without deleting yesterday's data and loading today's? When I do that, I have to recreate all the overlays (title, time, annotations...). Thanks!
A: You could think about creating a model using model builder or using tasks to automate the process of creating a new animation

Q: When it comes out of Beta, will it have 1:1 match in capabilities with the "old" map viewer? It's got a lot going for it, but still doesn't do everything the old version does (at least last time I tested it ~2 months ago).
A: The goal is to have 1:1 compatibility. It's going to be a few releases before map viewer beta has 1:1 compatibility with the old map viewer. The dev plan I saw in December was for the General Availability release will still not have quite everything. Later this year, things like Analysis, Smart Mapping, Related Records, and Mobile Device Support, will be added.

Q: Has the ability to group layers been added to this viewer?
A: Not currently.   https://support.esri.com/en/technical-article/000012250

Q: Are pop-ups created in this new pop-up manager compatible with Collector?
A: Preliminary testing shows that text and media show up fine but attribute lists show only when they are the only popup content. This is preliminary and we will have to investigate with the Collector team.

Q: Will we be able to use custom HTML/CSS in the popups to customize text which is available in the older map viewer?
A: for security and accessibility reasons, the answer is currently no, but it is under consideration. I'm told by the team they want to add enough options so you don't need to edit the HTML, so if you have specific ideas I would suggest you go to the Geonet/ArcGIS Online/Map Viewer Beta forum and start a discussion there.
https://community.esri.com/community/arcgis-online-map-viewer-beta

Q: Are StoryMaps build with the new Builder Sec.508 compliant?
A: Certain features are.   https://www.esri.com/arcgis-blog/products/story-maps/sharing-collaboration/new-accessibility-features-in-story-map-journal/

Q: Love the solution templates - is there a way to modify a solution? i.e., if we need an inspection solution, and found the restaurant inspection solution, but are doing inspections on another industry. Had trouble changing field name from "grease trap clean" to my industry.
A: You can tweak the solutions, add fields, rename other ones, but you may need to chase down where the other pieces and parts might be affected. If you were to drop a field, it might break a dashboard widget, etc. There is content in the help on modifying a solution template.

Q: Will we be able to create custom solutions?
A: You can using ArtcGIS for developers https://developers.arcgis.com/labs/pro/build-your-first-configuration/ If by that, you mean build your own custom set of maps, apps, and dashboards, then have it hosted? Hmmm, that's a cool idea, but I doubt it would be implemented in ArcGIS Online, but possibly in ArcGIS Enterprise. I can ask the AGOL team about that.

Q: So, if I create a custom workflow solution and configure maps and dashboards, can I package that up to be deployed to various AGO accounts? I want to avoid having to rebuild the maps and dashboards from scratch on each AGO account.
A: That is a great idea, not sure that is going to be a feature in the short term, but I can ask the team. Likely not hosted on ArcGIS Online, maybe Enterprise. You could share the content via a Collaboration between orgs, or in a group in your org, but I take your point in wanting to have some sort of deployment path.

Q: Hi Krithica, Oh! So, I could have the addition of the time overlay, the formatting of it (into day, not time, eg), etc. all within the model?
A: You might not be able to get all aspects of animation into a model. Creating your titles, timestamps etc can be automated.

Q: Odd question, my utility company is in the midst of upgrading from ArcMap 10.2.1 to 10.6.1. Our field workers sometimes utilize an ArcReader PMF file when they don't have internet access (use AGOL when they do). If we create PMF's with ArcMap 10.6.1, can we open that PMF in ArcReader 10.2.1?
A: Hmmm, that's going back a few versions. I would have to test that one out and find a 10.2.1 and 10.6.1 machine to try it on. You might try Tech Support; they have virtual machines with older versions on them.

Q: I have had problems exporting maps in Pro to pdf when I am using a transparent aerial image. The tile lines show up in the pdf, has anyone else had this problem and found a solution?
A: Hi Seaver - I've not seen that. Probably worth a call to tech support.

Q: What if we liked last year's basemap more than this year's basemap (due to sun reflecting on water)? Can we access the previous year's basemaps? (It was just the imagery basemap one — we're doing subtidal shallow water eelgrass documentation so the silvery reflections in our square mile give us less info than last year.)
A: The Living Atlas has some older imagery - see here: https://livingatlas.arcgis.com/wayback

Q: What kind of training resources or ESRI Press books are there for using Arcade in ArcGIS? Will it be covered in any depth today in any session?
A: No Arcade sessions here today, but I think they are working on books and a class. I found this one on Amazon, looks promising... https://www.amazon.com/Writing-Arcade-Expressions-ArcGIS-Pro/dp/0578533006

Q: Is it possible to configure defaults for the print settings? I have to manually change them each time
A: That is a print driver issue.