



#### What You Will Learn From This Session

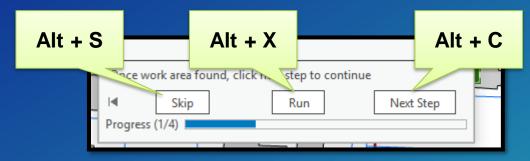
Spoiler: A Lot!

#### As a User:

- Helpful tricks to run Tasks efficiently
- Maximize as much screen real estate as possible
- As an Author
  - Create Steps that utilize the correct Step Behavior
  - Fully understand the power of Step Actions
  - Embed Commands and preset parameters
  - Know when and how to use Step Palettes
  - How to share your work with your organization
  - And much more!



# **Everyone Likes Shortcuts!**



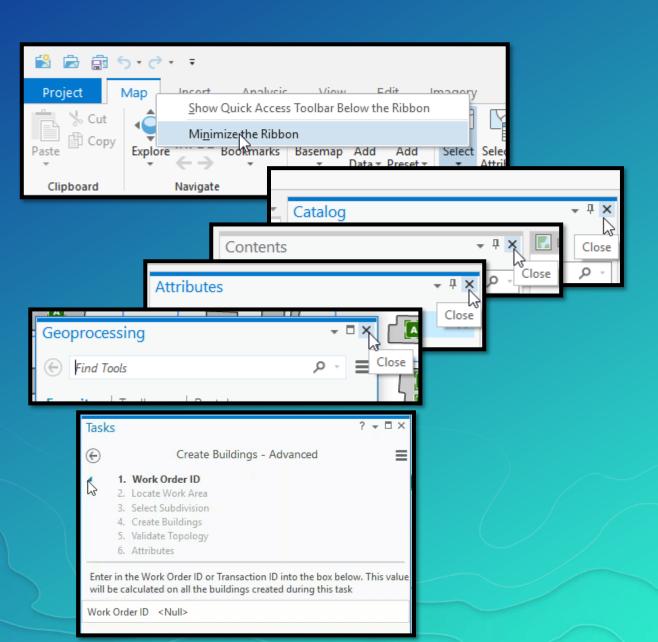
CTRL + Z will undo changes and will also go back to previous steps

#### Make Use of That Giant Monitor

Minimize the Ribbon

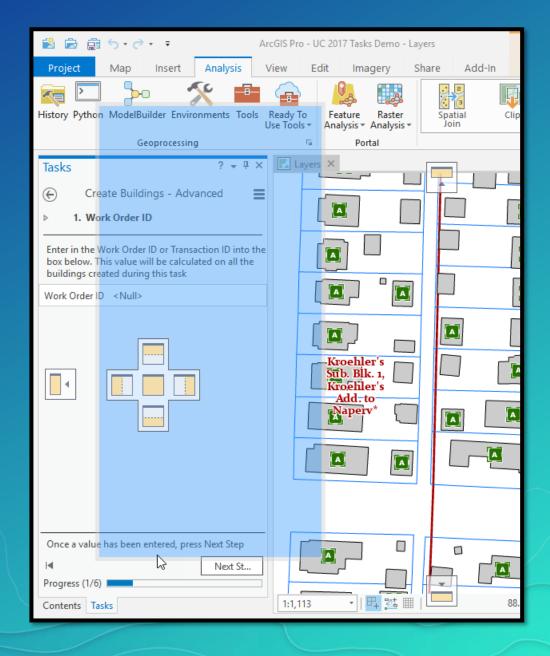
Close all other dock panes

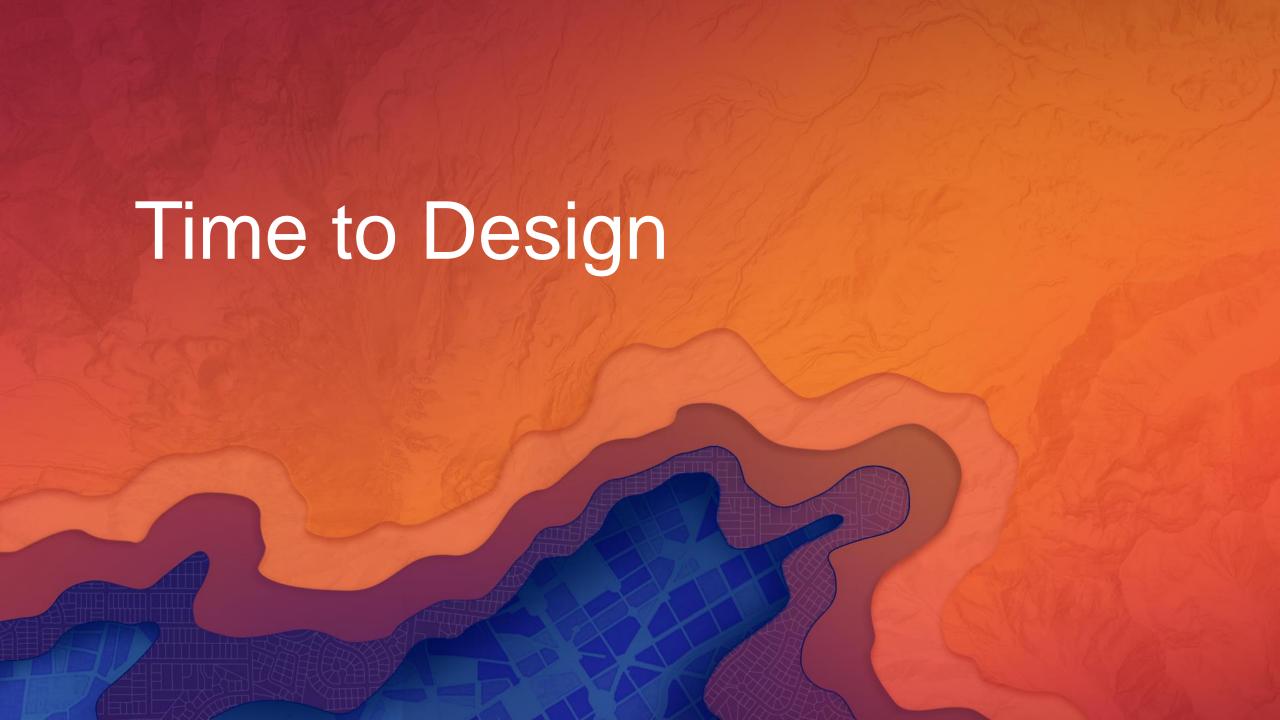
Collapse the list of Steps



## What's Up Dock?

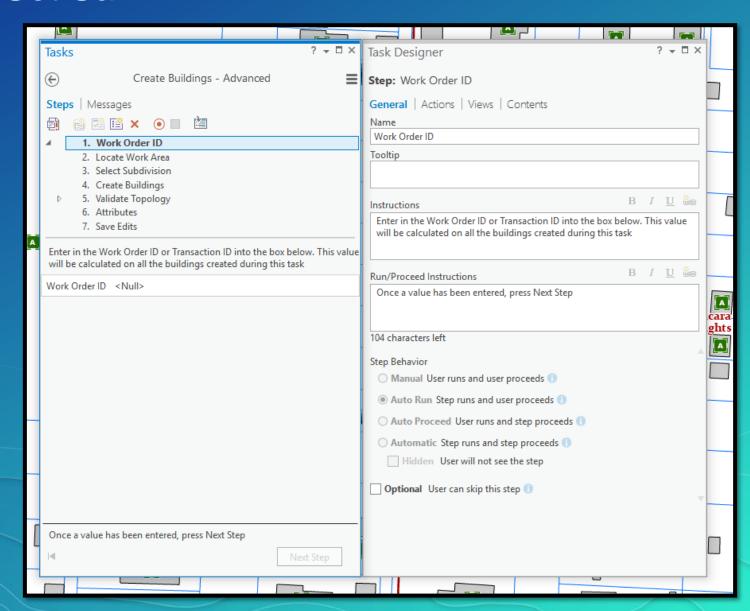
- Undock the Tasks Pane
  - This prevents other panes from opening over tasks
  - Can move Task Pane to another monitor, give one screen a full Pro





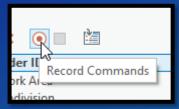
#### Untether From the Dock at Set Sail

- Undock the Designer Pane
- Place the panes side by side
- If you have a 2<sup>nd</sup> monitor, utilize it, place the Task Panes over there



## Don't Forget To Press Record

Record your entire workflow

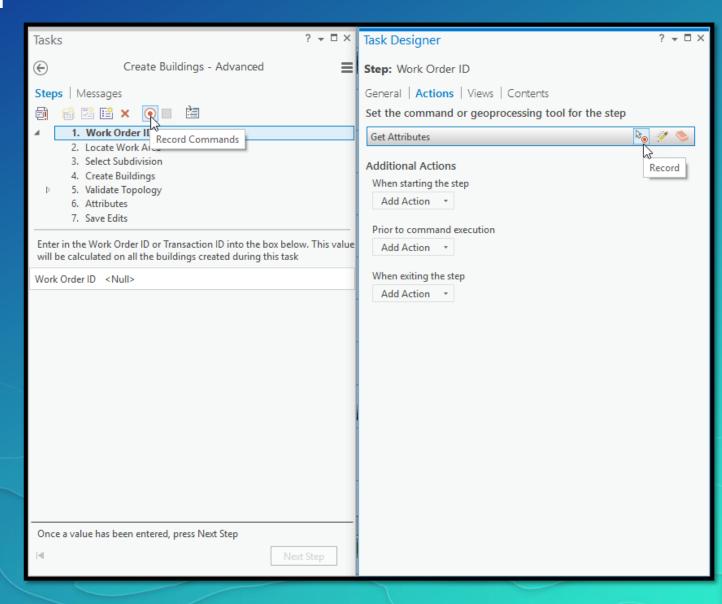


 Use this to record your workflow by creating new steps for each command clicked. Press stop to end recording

Record a single command



 Use this to record and set a single command on the currently selected step



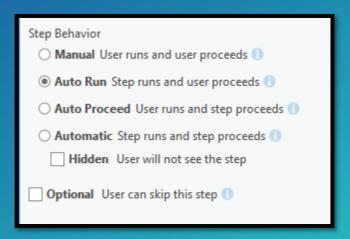
### You Better Be on your Best Behavior

Manual Mode: Geoprocessing Tools / Modify Tools that you'll run more than once

Auto Run: Selection Tool, Explorer Tool, Embedded Panes defaults

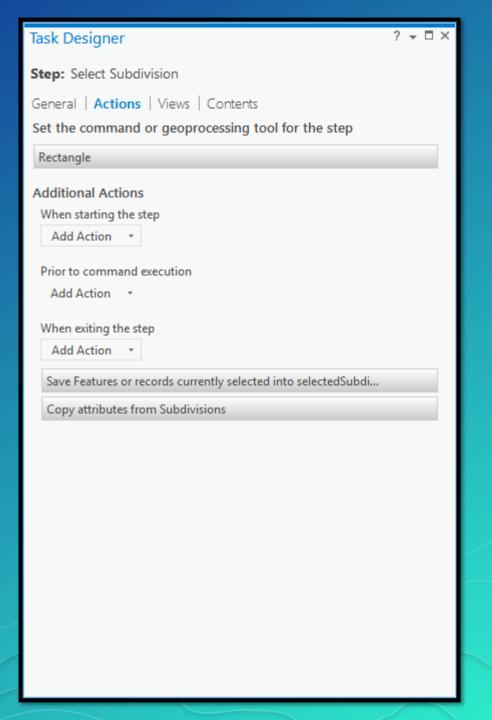
Auto Proceed: GP Tools / Modify Tools you want the user to run only once

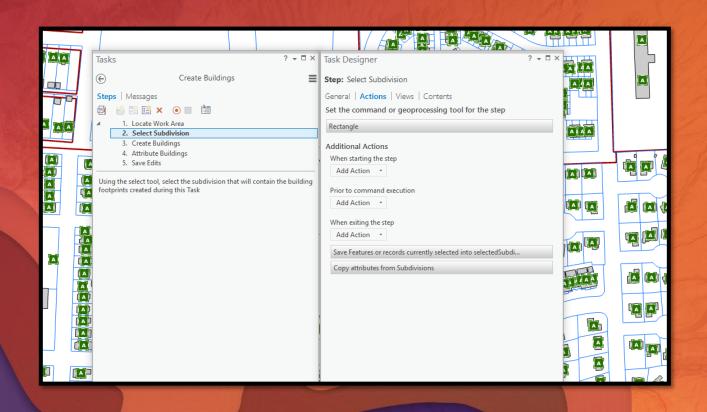
Automatic: Hidden Tool activation, Scripts that don't require user input



## Ready, Set, Action!

- Actions are very powerful
- They can occur at 3 different times within a step
  - When starting the step.
  - Prior to command execution
  - When exiting the step.
- Note: Certain actions are limited based on time of execution
  - No verification when starting the step
  - Selections when starting the step are limited to features currently selected or created/modified

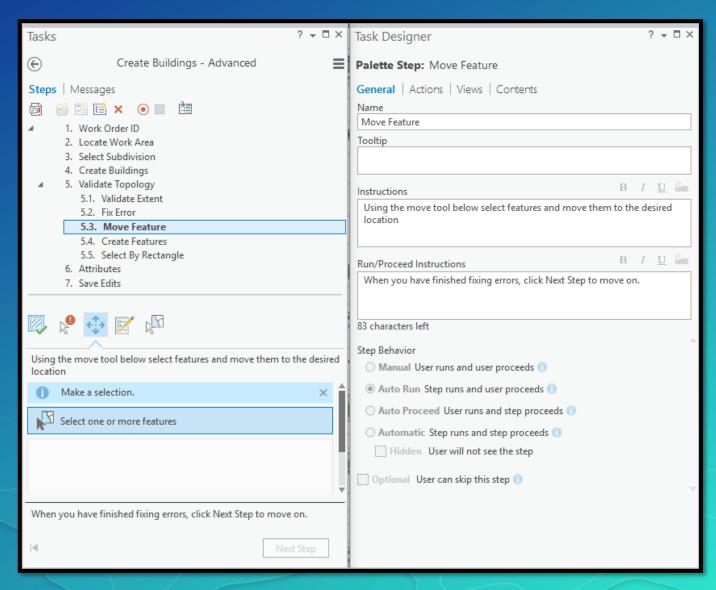


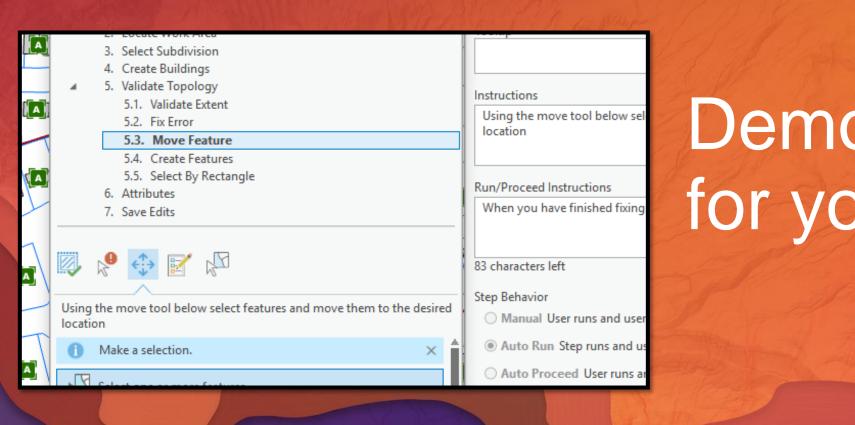


# Demo: Actions in Action

#### **Design Palettes Like an Artist**

- A Palette is used when
  - Multiple commands need to be run an unknown amount of times
  - The sequence of command are unknown
- A Palette is a container for steps
- Each step in a palette functions identically to a step outside a palette (almost)
- Steps can be dragged in and out of palettes
- User sees the Palette Container Name

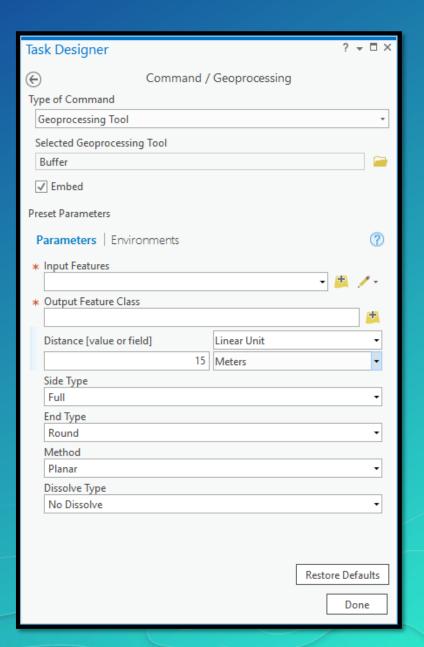




# Demo: Palette for your Palate

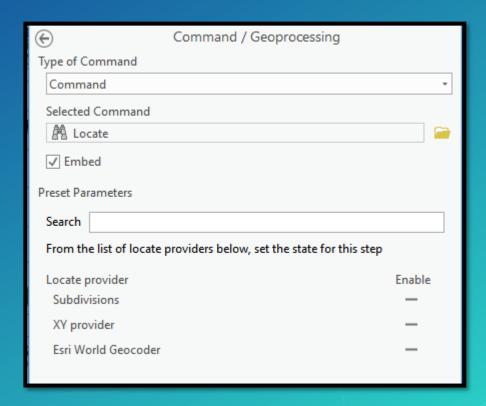
#### **Embed Your Mind With Embedding Commands**

- No Pane, All Gain
- All Geoprocessing tools can be embedded
- Many other tools can be embedded
- Geoprocessing and some other tools can also have pre-set parameters when embedded
- Many embedded commands have specific step behavior



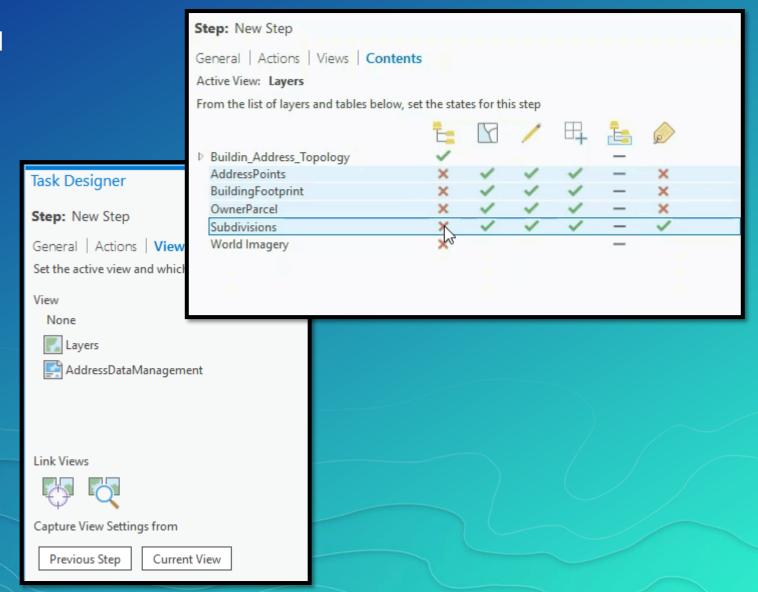
#### **Hey Look! Locate Can Now Be Embedded**

- Pre-set a locate search string
- Set which locate providers are enabled for a given step
- Existing Tasks will now have this functionality, just click Embed



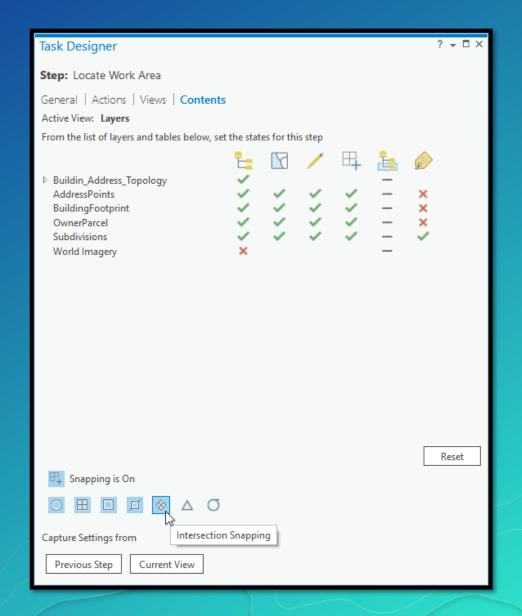
#### **Don't Forget To View the Contents of View and Contents**

- You can select multiple layers (and now tables) and change the properties of an entire column
- You can right click and make a single layer the only Visible, Selectable, Editable, etc.
- Note: Limit the amount of layers that are controlled each step. Use the "-" option more often
- Drag step up/down in Task Pane and click Previous Step to take another step's contents
- Linking Views can now be done in the Views tab



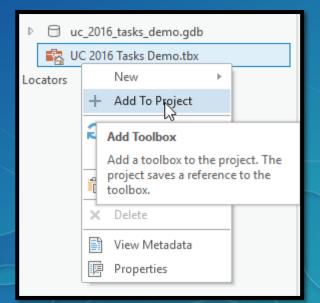
#### **Setting Snapping Properties is a... Snap**

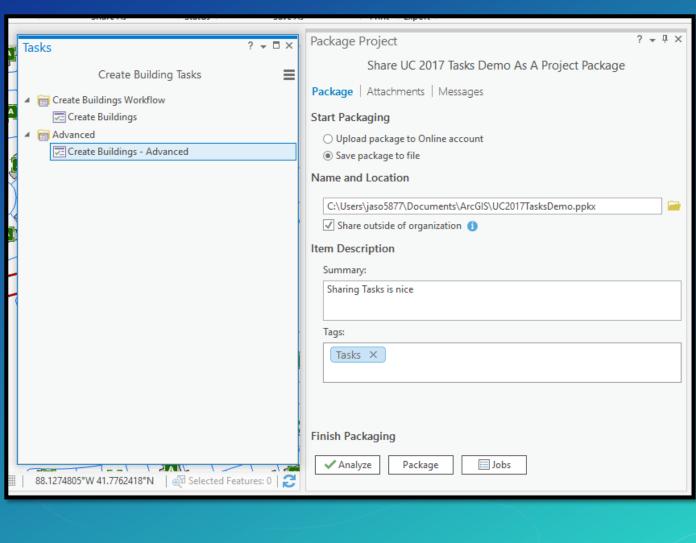
- Snapping properties can be changed on a step by step basis
- Each newly created step inherits previous snap properties



#### **Sharing is Caring**

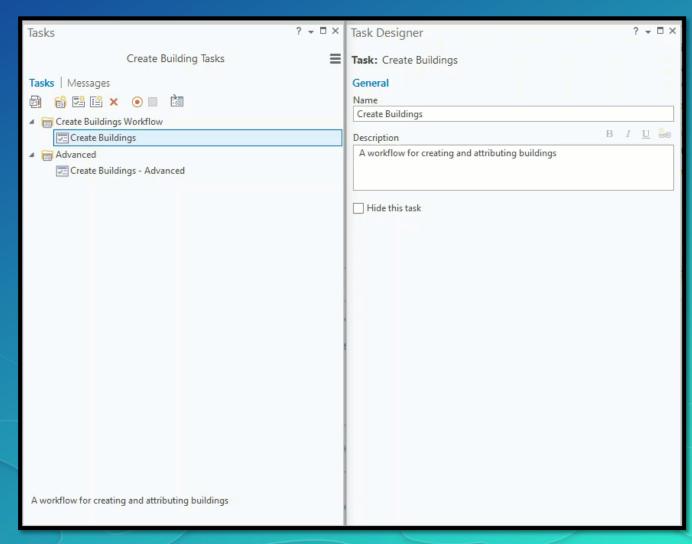
- To share Tasks it's important you share the entire project as a Project Package
- If you have custom GP Scripts or Add-Ins make sure they've been added to the project





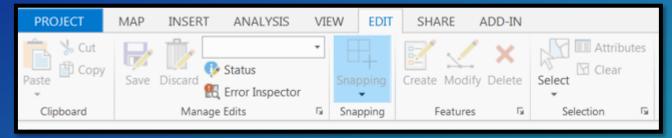
#### Recourses for Broken Resources (Hey, that's an anagram)

- Task Item references a layer that you don't have
  - Re-map it
  - Remove it
- Task Item resources can be remapped at any time
- Resources include:
  - Maps
  - Layers
  - Geoprocessing Tools
  - GP Scripts, Models, Add-Ins

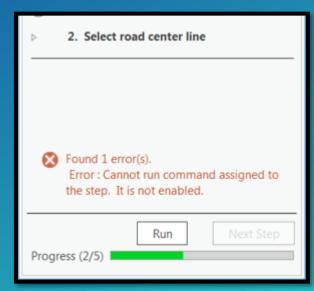


#### Woah, Why Am I Getting This Error?

- Sometimes during runtime a user might get an error like this:
- Remember commands are contextual

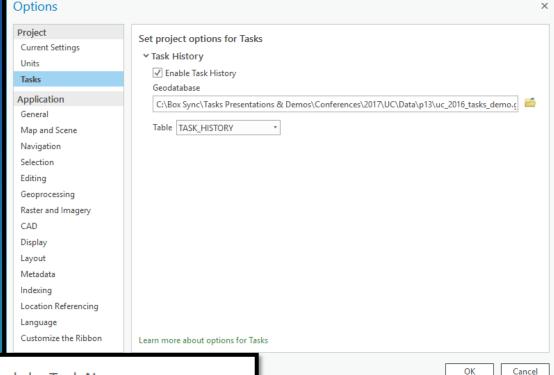


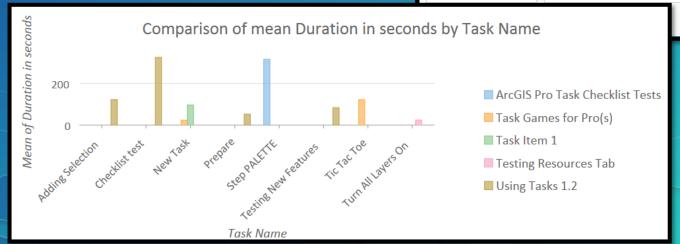
- Check to see if command is currently active
- Check to see if the Task can be performed outside of Tasks



#### **Time to Make History**

- Pro Backstage Options -> Tasks
- Create a New Table
  - Can be on SDE Database
  - Can use an existing Table that was used by another Project
- Using Charts you can display stats in a nice bar graph
- Does not record idle time





#### **Summarized Summary**

- Configure Vs. Customization: Consider Tasks before writing Add-Ins
- Tasks have an SDK (Open a Task Item and Open A Specific Task)
- Create Tasks that save time and improve quality
- Breakdown a long workflow into multiple Tasks
- Understand your workflow and build your Task from that
- Take your time and examine each step for efficiency and correctness

#### **Technical Workshops**

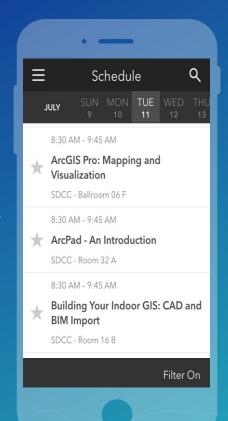
- ArcGIS Pro Tasks Tips and Tricks
  - Tue 7/11/2017, 11:00 AM 11:30 AM, Tech Theater 17 Exhibit Hall A
- ArcGIS Pro Tasks: An Introduction
  - Tue 7/11/2017, 03:15 PM 04:30 PM, Ballroom 06 B
- ArcGIS Pro Tasks: An Introduction
  - Wed 7/12/2017, 08:30 AM 09:45 AM, Hilton Sapphire Ballroom M/N
- ArcGIS Pro Tasks Tips and Tricks
  - Thu 7/13/2017, 11:00 AM 11:30 AM, Tech Theater 17 Exhibit Hall A

### Please Take Our Survey on the Esri Events App!

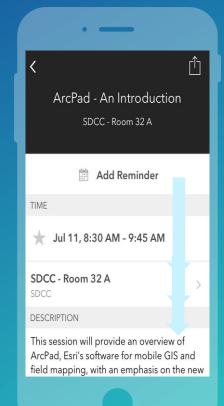
#### Download the Esri Events app and find your event



# Select the session you attended



# Scroll down to find the survey



# Complete Answers and Select "Submit"

