USING A SINGLE ARCPRO PROJECT

To publish services for an organization
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The Problem

- Manage over 40 individual MXDs for each service layer

- In ArcMap, add one layer for each mxd
The Problem

- You may publish multiple layers in a single service
  - however, this is not the typical scenario
- The layer name cannot be changed after the service is published
  - Have to delete the service and start over again if name changes
The Solution

- Manage all service layers within a single ArcPro Project
  - All service layers are easily updated, shared, and consumed in desktop or web applications
The Transition

- TxDOT imported all existing mxds into one ArcPro Project
The Transition

- The symbology and layer names are retained from ArcMap
The Transition

- Alternatively, you can add each layer from an SDE or local drive to a single ArcPro Project by inserting a ‘New Map’ for each layer.
- Rename the layer in your table of contents to appear the way you would like to see it appear when the user adds the data to their own map.
  - Remove underscores
  - Use singular tense
  - Avoid abbreviations
Using tasks for quality assurance steps

- Before publishing a service, it is run through an 8-step **Task** for quality assurance.
- The Task is a set of preconfigured steps that guide TxDOT GIS staff through a best-practice workflow to ensure consistency and quality in each published service layer.
Using tasks for quality assurance steps

- **Setup** by checking attribute table of feature class for editor tracking fields
  - If they are not removed, log into AGO, *import* a fresh copy of the data from TxDOT SDE to local drive, *delete* the fields, and then *publish* the service
  - If they are removed, log into AGO and *publish* the service directly from TxDOT SDE (Comanche)
Using tasks for quality assurance steps

- **Publish/Overwrite** – Fill out or confirm all fields
  - Name: *Use a prefix of either Texas or TxDOT; are we the OPR*
  - Layer: Features
  - Item description: *Use metadata from the Item Description*
  - Tags: *Ensure that Texas, TxDOT, and TPP are present*
  - Sharing Options: Everyone
Using tasks for quality assurance steps

- Move Service from root folder to the Official Services folder
- Remove Underscores from layer name in the service details page on AGO
- Check Service Details on AGO and ensure that **Export Data** and **Optimize Layer Drawing** are selected. Confirm service is being shared with **Everyone**.
Questions?

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