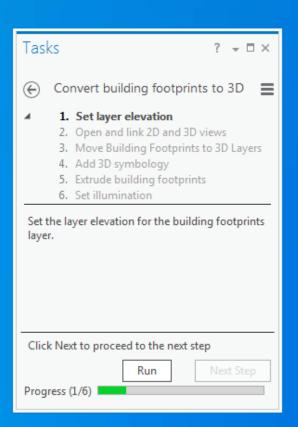


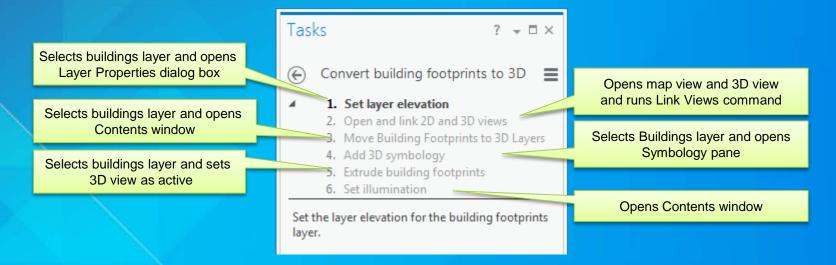
What is a task?

- Sequential steps that guide you through a repeatable workflow
- Steps that improve the efficiency of the workflow
- Interactive steps
- Steps that are configured by you
 - Configure the command/GP tool to load for the step
 - Set the active map for the step
 - Turn layers on and off
 - Clear/add selections for the step



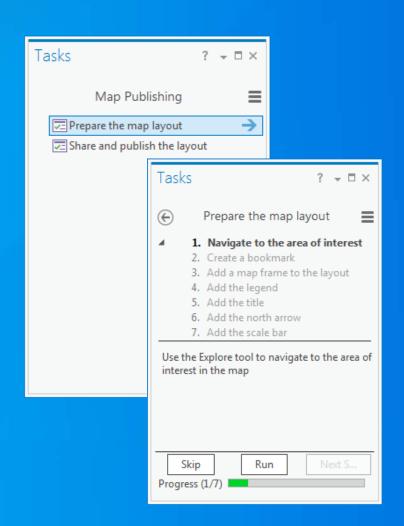
What is a task?

- A task captures a workflow
 - Used as an interactive guide
 - Reduces mouse clicks, improves efficiency



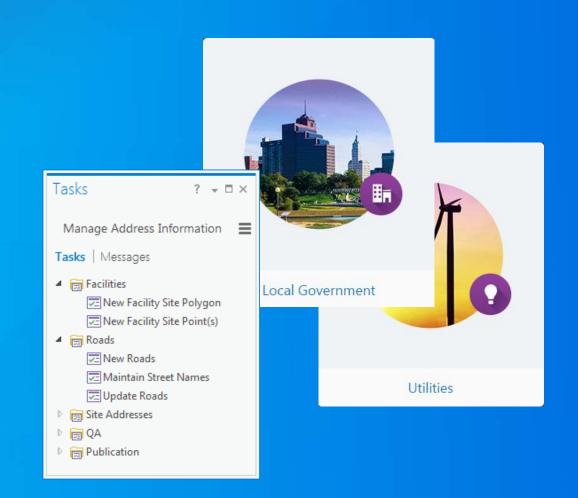
Why use tasks?

- Improve efficiency of workflows
 - Reduce mouse clicks
 - Open the right tool at the right time
 - Reduce clutter (panes, ribbons, etc)
 - Save time (manage layer settings, etc)
- Define best practice workflows
 - Multiple ways to do the same workflow
 - Reduce confusion
 - Improve quality
- Guides
 - Tutorial, learning, knowledge sharing



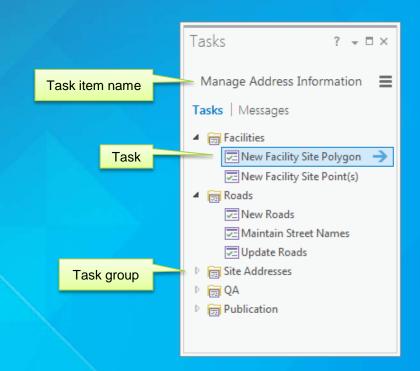
Why use tasks?

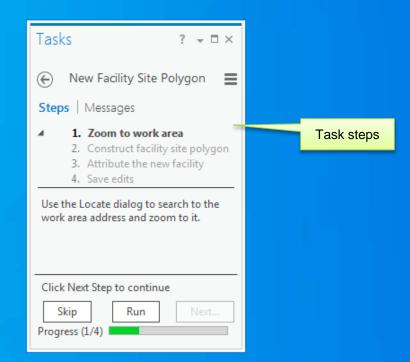
- Focused workflows for an industry or solution
 - Emergency management, Local Government, Utilities, etc
- Users know the software but not the workflow
- Use business language, not command names
 - Create Features Vs Add road centerline



Using tasks

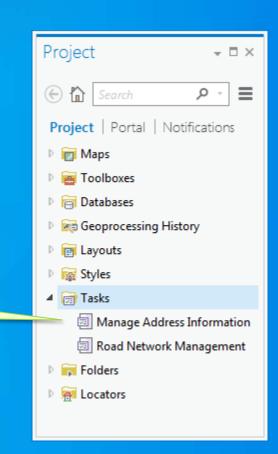
- A task is created in a task item
 - A task item is a project item in ArcGIS Pro





Using tasks

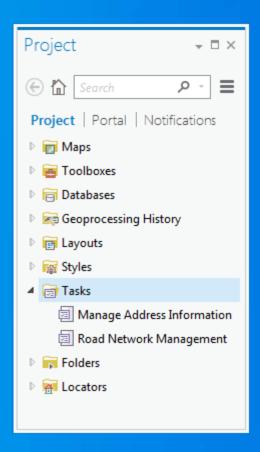
- A task item is a project item in ArcGIS Pro
- A task item is saved with the project



Task item

Sharing tasks

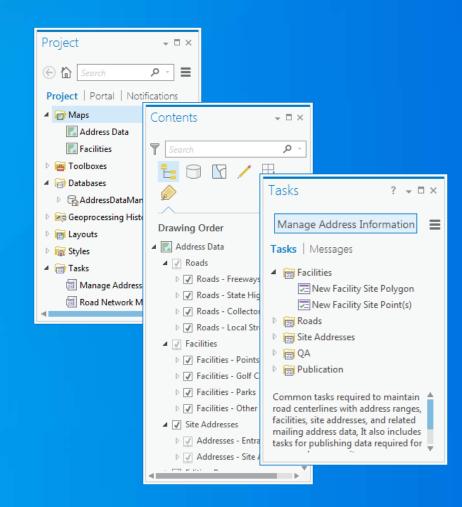
- A task item can be shared via a task file
 - .esritasks file
- A task file can be imported into a project
- A task item is an AGOL item and can be shared via email



Demo: Using Tasks Jason Camerano

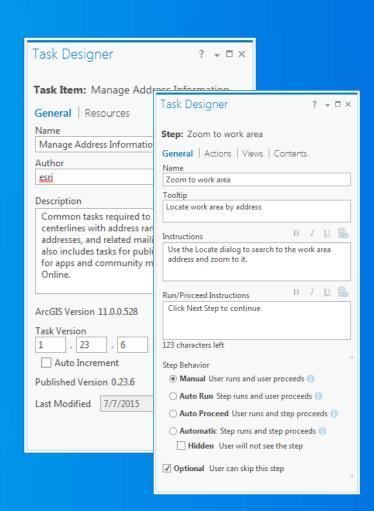
Design a task item

- Repeatable workflows
- Know your business and workflows
- Know your users
- Know your data this is what the task will use
 - Project
 - Maps
 - Layers
 - Tools
 - Etc



Design a task item

- Run the workflow before creating the task
- Tasks are configured using the Task Designer pane
 - Create a new task item
 - Insert a new task
 - Add and configure task steps
- Add descriptions, instructions and help links

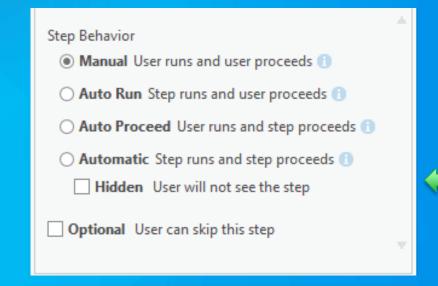


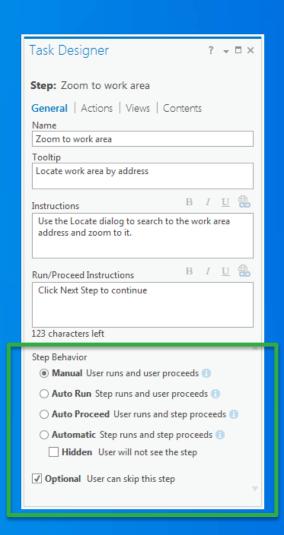
Create a task step

- You can create and configure a task step that
 - Loads a command or geoprocessing tool
 - Embeds commands and geoprocessing tools in the tasks pane
 - Selects layers in the Contents pane
 - Creates, saves and clears feature selections
 - Sets the active map view, close/opens views
 - Sets visibility, selectability, editability and snapability of layers
 - Labels layers

Step Behavior

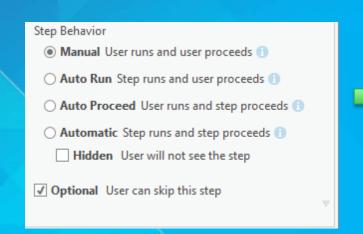
- Manual or automatic step behaviors
 - Task user manually runs step or steps can run automatically
- Configure step behavior to improve efficiency
 - Reduce mouse clicks

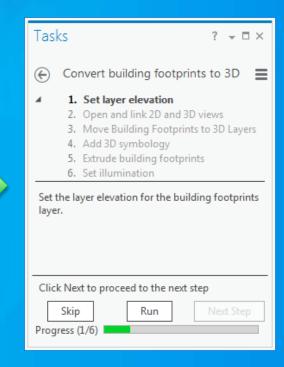




Step Behavior

- Manual
 - User clicks Run to start the step, performs action, clicks Next Step to proceed





User clicks Run to open Layer Properties dialog box

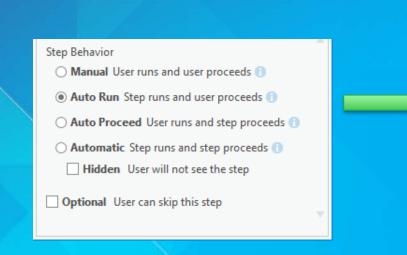
User sets layer elevation and clicks Next Step to proceed

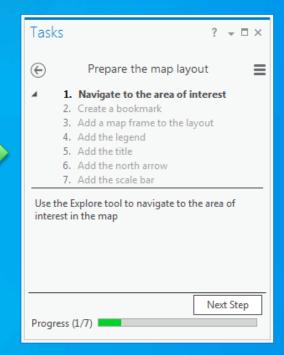
User can skip past step (optional step)

Step Behavior

Auto Run

- Step automatically starts, user performs action and clicks Next Step to proceed



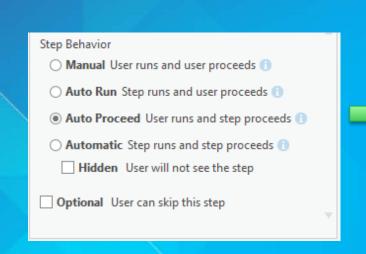


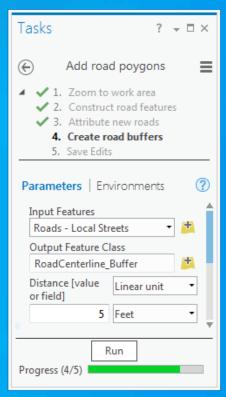
Step automatically runs and loads the Explore tool

User locates area and Clicks Next Step to proceed

Step Behavior

- Auto Proceed
 - User clicks Run to start step, step performs action, and automatically proceeds





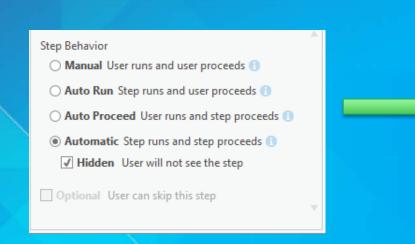
User enters tool parameters and clicks Run to start the step

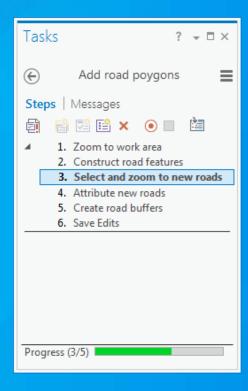
Step runs the Buffer tool and Proceeds to the next step

The Buffer geoprocessing tool is embedded

Step Behavior

- Automatic
 - Step automatically starts, performs an action and proceeds





Step automatically zooms to the selected roads and proceeds to the next step

Step is hidden

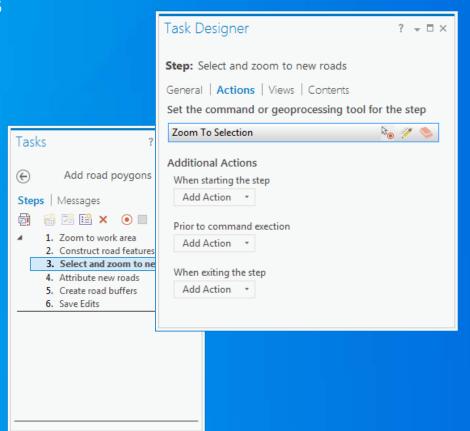
Tasks pane is in designer mode

Step Actions

- Step can load/run a command or geoprocessing tool
 - Step can load any command or geoprocessing tool in ArcGIS Pro
 - Step can load Add-In commands
- Step can manage selections
 - Clear selections
 - Save selections
 - Create selections

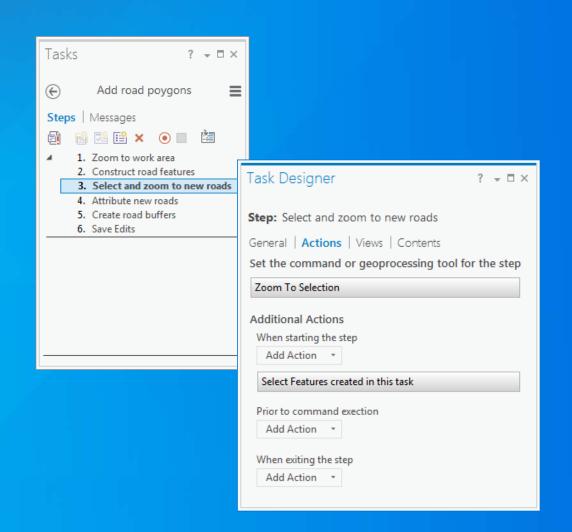
Step Actions: load a command or tool

- Quickly create steps by recording command clicks
 - A step is created for each command clicked
 - Command/tool is automatically loaded for the step
- Or configure the command/tool under the Actions tab



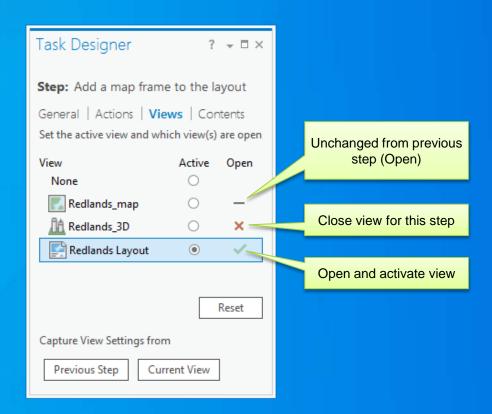
Step Actions: manage selections

- Manage selections
 - When starting
 - Before loading a command/tool
 - When exiting
- A step can
 - get selections
 - modify selections
 - create selections
 - clear selection
 - filter selections



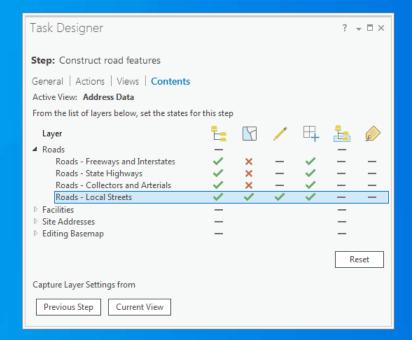
Step Views

- Set the active view for the step
- Open and close views
- Step command/tool works with data in the active view



Step Contents

- Configure the contents (map layers) of the active view
 - Contents are displayed in the Contents pane
- Set layer visibility, selectability, editability and snapability
- Select layers
- Turn on/off labels

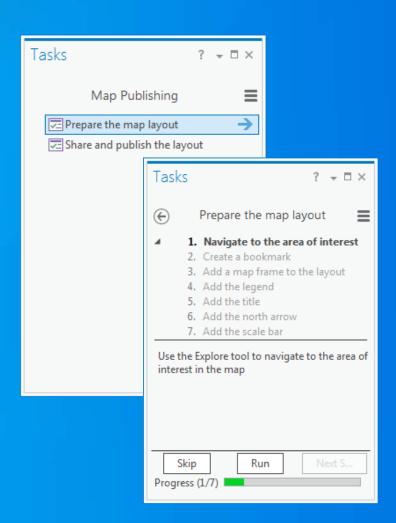


Demo: Create a task Jason Camerano

Summary

Tasks

- Improve efficiency of workflows
 - Reduce mouse clicks
 - Open the right tool at the right time
 - Reduce clutter (panes, ribbons, etc)
 - Save time (manage layer settings, etc)
- Define best practice workflows
 - Multiple ways to do the same workflow
 - Reduce confusion
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- Guides
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Additional Sessions

Tasks

- ArcGIS Workflow Manager: Tasks and Enterprise Workflows
 - Demo Theatre 6, Tuesday, 4.30pm 5.15pm
- Introduction to Tasks in ArcGIS Pro
 - Repeat session, Wednesday, 1.30pm 2.45pm, Room 02
- ArcGIS Pro Tasks Functionality and Design
 - Demo Theatre 14, Wednesday 2:30pm 3.15pm
- Tasks SDK
 - SDK island



Understanding our world.