Scripting Enhancements

- Script Manager Loads
- Script Groups and Tabs
- Export/Import Multiple Scripts
- New Action - Execute Script
- New Action - Set Run Timestep Size
More Scripting Enhancements

- Script Dashboard Enhancements – 7.2
  - Outline and busy icon indicate in-process
  - Green square indicates success
  - Red square indicates error.
  - Automatic scrolling to the currently executing action.
  - Indicator for hidden tasks.
  - Script Dashboard includes subscript actions
  - Subscript actions can be enabled and disabled.
DEMO
Script Dashboard – 7.2

- See progress, subtasks, background work
- and errors.
Plotting – Demo

• Edit/View dialogs
• Configure multiple plots
• Plot scalar slots
• User specified axis units
Longer Range Plotting Plan

• Improve sizing of plots
• Better legends
• Text annotations
• Better default colors out of the box

• Let us know how it could be improved!
SCT – Demo

- Undock (copy) sheet
- Better GoTo menu
- Set Slot Labels
- Set Values over Time Range
- Better width when switching sheets
- Better navigation
- Improved Font control
Workspace Enhancements

• Custom Object Order Dialog - 7.1
• New dialog to edit custom object order
• Supports click and drag
• Saved order available on:
  • Model Run Analysis Dialog
  • Object Coordinate Manager
Custom Object Order Dialog

- Edit Custom Object Order
- Highlight, Click, and Drag
Retrieve Custom Object Order

- Use on Model Run Analysis
- Object Coordinate Manager
Other Enhancements

- Auto-save
- Model Metadata
- Initial Workspace view
- Precision
Auto-Save

• Auto-save model file to a backup file – does not save original model
• Auto-saves blocked during “significant” operations. Retries when possible.
Model Metadata

• Improved Model Info dialog:

This is a version of the TVA Hourly model used for CADSWES regression test purposes.
Initial Workspace View

• What does your workspace look like when it opens?
Precision of values

• Save Inputs with full Precision (17 digits)
• Optionally save Output values, user specified precision
• Decrease precision to decrease model size