CADSWES Accomplishments: July 2017

Robynn Balduf

I New/Enhanced Software

A. Sponsored Tasks

**BOR UC 1A – RPL Viewer**

In July, 2017, in response to the sponsor’s request for fewer open RiverWare dialogs at one time, CADSWES staff began design and development work on **RPL Viewer**, a new tabbed-view RPL editor similar to the new Object Viewer that was recently introduced. RPL Viewer enhancement work will continue in August.

This enhancement will reduce the number of open RPL dialogs by combining RPL Rule Editors and RPL Function Editors for a particular RPL Set into a single RPL Viewer with a tabbed view. RPL Sets and Groups will continue to open in separate editors as they currently do. There will be one RPL Viewer for each set that has a Rule or Function open for editing.

* A new tabbed-view dialog, RPL Viewer, will be designed for editing RPL Rules and Functions and will be similar to the new Object Viewer.
* A RPL Viewer dialog will have one or more tabs.
* Each tab will host an editor for a single rule or function.
* A RPL Viewer will support editing both RPL Functions and RPL Rules.
* One RPL Viewer instance will support RPL Functions and Rules contained in a single set.
* Multiple RPL Viewers instances will be supported at the same time.
* A RPL Viewer will be automatically opened when a rule or function is opened (if one is not already present).
* Opening a Rule or Function when RPL Viewer is already present for the Set, will add a new tab to the RPL Viewer.
* Tabs can be closed individually.
* The RPL Viewer can be closed explicitly or will close automatically when the last remaining tab is closed.
* Tabs can be re-ordered by dragging.
* Tabbed items can be pulled out of the dialog into individual editors by grabbing the tab, itself, or the “F” or “R” icon and dragging it outside the RPL Viewer.

Additional information can be found in the following document:

R:\doc\RPL\RplDialogs\2017\BorUc1a-RplViewer-2017-07.docx