CADSWES Accomplishments: August 2017

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I New/Enhanced Software

A. Sponsored Tasks

**BOR UC 1A – RPL Viewer**

In August, 2017, CADSWES staff completed development work of **RPL Viewer**, a new tabbed-view RPL editor similar to the new Object Viewer.

This enhancement reduces 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. When editing RPL rules and functions, each individual set with a rule or function open for editing will have a separate RPL Viewer.

* A new tabbed-view dialog, RPL Viewer, is now in effect for editing RPL Rules and Functions. It is similar to the new Object Viewer.
* A RPL Viewer dialog can have one or more tabs.
* Each tab hosts an editor for a single rule or function.
* A RPL Viewer hosts a combination of RPL Functions and RPL Rules.
* One RPL Viewer instance supports RPL Functions and Rules contained in a single set.
* Multiple RPL Viewers instances are supported at the same time.
* A RPL Viewer is 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, adds 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, or using the Undock menu option.
* Each undocked dialog can be re-docked using the Redock menu option.
* All undocked dialogs can be returned to the RPL Viewer by using the Redock All menu option from the RPL Viewer.

Additional information can be found in the following document:

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

**BOR LC – Symbolic Dates for Expression Slot Time Range**

In August, 2017 CADSWES staff began design work on BOR LC – Symbolic Dates for Expression Slot Time Range. This enhancement will allow symbolic dates to be used when configuring the time series range for series slot with expression. Specifically, RiverWare will provide options such as “start date plus N time steps” or a date/time return value from a global or expression slot function.