

Phil Weinstein / Accomplishments (Maintenance Tasks) – July 2017

[I.B] New/Enhanced Software / Unfunded Software Development
Complete OK/Cancel/Apply button order on remaining dialogs.

We had recently standardized the order of common buttons along the bottom of most RiverWare dialogs. In July, we finished four remaining dialogs (or panels) which had some tricky issues in making this change:

- Geospatial View Canvas Config
- Diagnostics Settings
- Plotting Axis Config
- GUS (object/account/slot selector) panels

[II] RiverWare Software Maintenance / Software Updates / Bug Fixes

The following bugs were fixed:

1. Bug 5973: Showing a tooltip raises inactive window obscuring other dialogs*.
2. Bug 5975: Rapid number entry on SCT can cause model crash
3. Bug 5979: Editing plot axis changes Y axis range.
4. Bug 5980: Importing plot causes axis to show different units.
5. Bug 5981: Plot time axis settings lost after saving, reloading 'twice'
6. Bug 5984: Run Abort doesn't appear aborted run started with Init but.

*Bug 5973, more information: In our upgrade from Qt 4.8.5 to Qt 5.5.1, a new Qt bug was causing a dialog to be raised each time the user moused-over a widget having a Tool Tip (popup help message). This bug (QTBUG-39147) was only recently fixed, for Qt 5.9.2. But we were able to apply that fix to Qt 5.5.1 source code, and rebuild that one Qt component. (We did this only for the 64-bit distribution of RiverWare; not the 32-bit distribution).

Additionally, analysis was done on the following bugs:

1. Bug 5949: Loading model removes added unit type's standard unit Unit Scheme rule
2. Unfiled: SCT/Text Slot debug assertion failure.

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