Phil Weinstein / Accomplishments -- Aug 2017 -- 9-22-2017

Sponsored Development Accomplishments

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--------------------------------------------
[I.A] New/Enhanced Software
   BOR UC 1A: Software Enhancements
   Slot Viewer for Series Slots
--------------------------------------------
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The new Slot Viewer development, started in July, was substantially completed in August. (Additional testing and minor revisions were done in September). The basic types of Series Slots will now open as a display column in the single Slot Viewer dialog which supports most of the operations available in those slots' Open Slot dialog. Open Slot dialogs for the supported slots are still accessible and can be simultaneously shown with their slot also in the Slot Viewer. Initial support is limited to series slots having the same timestep size as the run controller, and only the first column of multiple column series slots are shown. Slots (display columns) in the Slot Viewer can be reordered, or "torn off" by dragging their column headers, or can be removed from the Slot Viewer by clicking an "X" icon button in each column header. Open Slot dialogs for supported slots can be dragged back into the Slot Viewer, or "redocked" into the Slot Viewer with a menu operation.

RiverWare Commercial Activities

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[X] RiverWare Commercial Activities / CC and Paypal activities
   "Request a RiverWare Viewer License" web/e-mail form
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The CADSWES online payment system Python scripts were enhanced to generate a form webpage which results in sending an e-mail message to installsupport@colorado.edu. Like the payment webpages, after the user enters data in the form, they are shown a simpler confirmation dialog to check their data entry, and can optionally return to the web form to make corrections. This new form webpage is accessible at this URL:

- https://payments.riverware.org/registration/requestViewerLicense.py

| **Maintenance Accomplishments / August 2017** |

[II] RiverWare Software Maintenance / Software Updates / Bug Fixes
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The following bugs were fixed:

1. Bug 5981 (Followup): Plot time axis settings lost saving/loading twice
2. Bug 5989: Object viewer drag object tab cursor can be difficult to see
3. Bug 5990: SCT not refreshing correctly paused RPL Debug, range change
4. Bug 5991: Entering data paused in the RPL Debugger crashes RiverWare
5. Bug 5997: SCT priority col not correctly sized paused in RPL Debugger
6. Bug 5999: Object Viewer: Switching obj tabs: Loss of treeview expanded
7. Bug 6002: SCT showing only a single flag in legend, load problem.
8. Unfiled: Object Viewer: Minor academic coding error fix.

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