## Phil Weinstein / Maintenance Accomplishments -- June 2017

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[I.B] New/Enhanced Software / Unfunded Software Development Uniform "Snapshot" (camera-motif) icons

Icons for RiverWare Snapshot-object related functions had inconsistent graphical camera motifs. New icons have been created with consistent camera graphics for RiverWare 7.1.

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[I.B] New/Enhanced Software / Unfunded Software Development Uniform Snapshot Camera-Themed Icons, for RiverWare 7.1

RiverWare 7.0 and prior versions had inconsistent graphical "motifs" to refer to Snapshot-object-related functions and objects, making use of essentially two, unrelated "camera" graphics. A new 24x24 pixel "Snapshot Manager" camera icon, e.g. for the Workspace toolbar, is now a graphic component within the 40x40 pixel Snapshot-Object (special Data Object) simulation object icons.

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

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The following bugs were fixed:

- 1. Bug 5963: "Always sync with run period" option for RPL expression series slots doesn't include initial timestep.\*
- 2. Unfiled: Fix to Series<T> coding error.

\*Bug 5963 detail: We determined that it is not always desirable for the run's initial timestep (one before the start-of-run) to be included in the automatically synchronized time range of RPL expression slots, applied in the course of expression slot evaluation. A persistent setting -- an "Include Initial Timestep in Run Period" checkbox -- was added to the "Configure Timeseries" dialog for RPL expression slots. This checkbox is off, by default, to replicate the prior behavior.

Additionally, analysis was done on the following bug:

1. Bug 5975: Rapid number entry in SCT can cause model crash.

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