II. RiverWare Software Maintenance

Releases

RiverWare 6.4.8 was released on May 2, 2014 with the following release notes:

**Bugs**

The following bugs were fixed:

* 5465: In a Series Slot dialog with a large number of timesteps, changing the timestep size could lead to a crash.
* 5471: Diagnostic settings for predefined functions were not working in some circumstances.
* 5473: A RPL set with a large number of statements would not load.
* 5474: A model report for a three column table slot gave incorrect labels.
* 5477: A crash could occur when changing the run range with the Edit Account dialogs open.
* 5482: The slot Top of Conservation Pool is assumed to be the same across a flood control subbasin. This is now correctly enforced.
* 5484: A model aborted the first run because certain predefined functions were called before setup verification methods were executed.
* 5485: An incorrect error was issued that turbine release was greater than capacity. This was fixed by improving the convergence algorithm for the solveMB\_GivenInflowRelease dispatch method on the Level Power Reservoir.

**Bug fixes**

Bug 3015 - Accounts on the Agg Diversion Site can become invalid if the link structure changes. This was fixed by adding better messages that there are invalid accounts when the link structure changes and when the model is saved.

**Regression Tests**

The regression tests continue to be maintained on a daily basis. This involves updating the regression tests to exercise new developments in the code. Also, as new code is added to the development area, the model comparisons performed in the nightly regression tests usually show differences (for example, because a new method category may have been added). When this occurs, the regression tests need to be updated to reflect the current state of the development area so model comparisons do not fail. In addition, every week, the daily history of each regression test is analyzed to determine if the run time or model size has significantly changed because of new development.