II. RiverWare Software Maintenance

**Releases, Patches and Snapshots**

Release 7.1.4 Patch Release

RiverWare Patch 7.1.4 was released on October 17, 2017.

Summary of Changes in RiverWare Patch Release 7.1.4

Bugs:

The following issues were addressed:

* 5171 / 5203: The MRM input DMI repeat setting was not applied as expected in certain cases.
* 5889: An internal error could occur within consecutive MRM.
* 6000: The run time was reported incorrectly in the diagnostics output after stopping a run after Initialization only.
* 6010: Within an Excel Database DMI, a NaN in Excel was imported as an integer.
* 6013: The Apply Series Notes to slots did not always set the chosen note.
* 6014: Within RPL, error messages for data type mismatch was not helpful.
* 6017: A crash could occur when unloading RPL sets with a script.
* 6020 / 6021: Deleting a slot or object and then using a plot could cause a crash.

**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.

In October, tests were investigated when the test machines could no longer send email, presumably due to the new server.

[Merge with Mitch’s report]