



# RiverWare Optimization Updates

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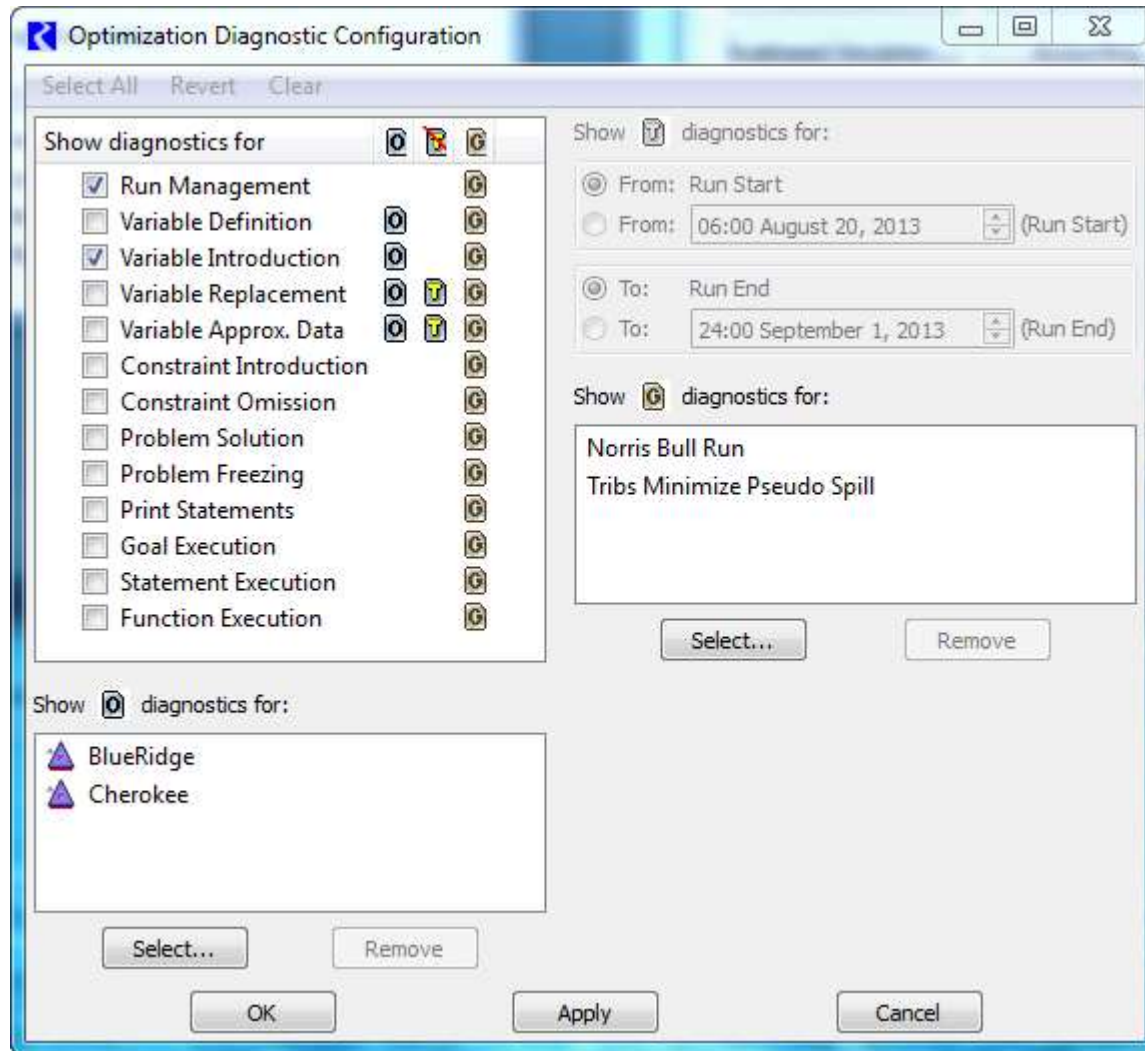
Presenters: Tim Magee, Mitch Clement and Edie Zagona

2013 RiverWare User Group Meeting  
August 27, 2013

# RiverWare Optimization Updates

- New Features in Optimization
  - Diagnostic Filtering
  - Priority-oriented Optimization Solution Analysis Tool (POSAT)
  - Optimization Input Evaporation Method
- Optimization Training Course
- CPLEX Licensing Agreement

# Optimization Diagnostic Filtering



# Optimization Input Evaporation Method

- Input evaporation rate
- Optimization calculates evaporation based on surface area
- Select simulation method first

# Optimization Training Course

- 2-day course includes
  - Overview of RiverWare's preemptive linear goal programming solution
  - Developing constraints and objectives in an optimization goal set
  - Guidelines for linearizing of variables
  - Developing a complete optimization model from a simulation model, sample RiverWare files included
- Contact CADSWES if interested

# CPLEX Licensing Agreement