RPL Enhancements

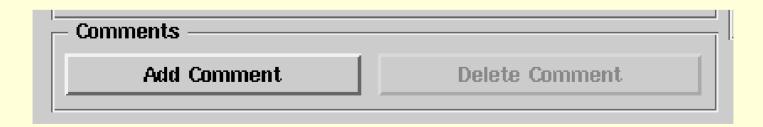
Patrick Lynn CADSWES

New RPL Operations

Set operations (lists interpreted as sets)



Inline comments



New predefined functions

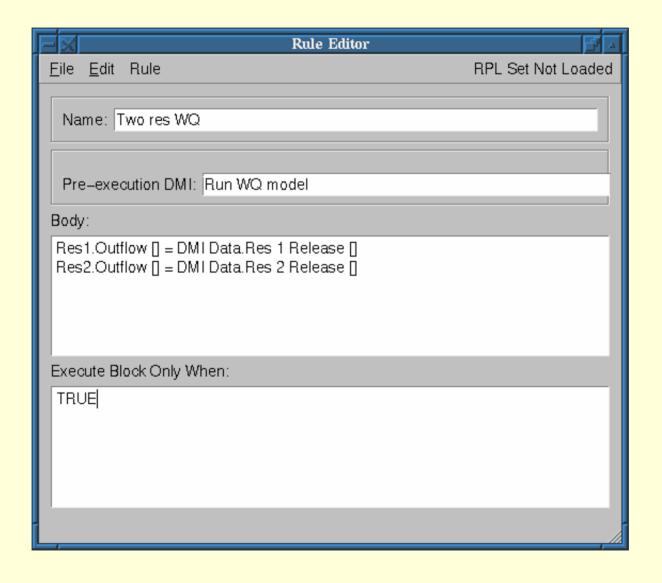
- DatesInPeriod
- Exp
- GetDate
- SortPairsAscending, SortPairsDescending
- Sort, Reverse
- Split

Executing DMIs from a rulebased simulation

Motivation:

- Execute external application during run
- Provide application with current data
- Use returned results in rules

Solution: allow rule to invoke a DMI group



Additional RPL enhancements

- Improved RPL set printing
- Predefined function support for:
 - PeriodicSlots
 - Account priority dates
- Editor dialogues reimplemented in Qt