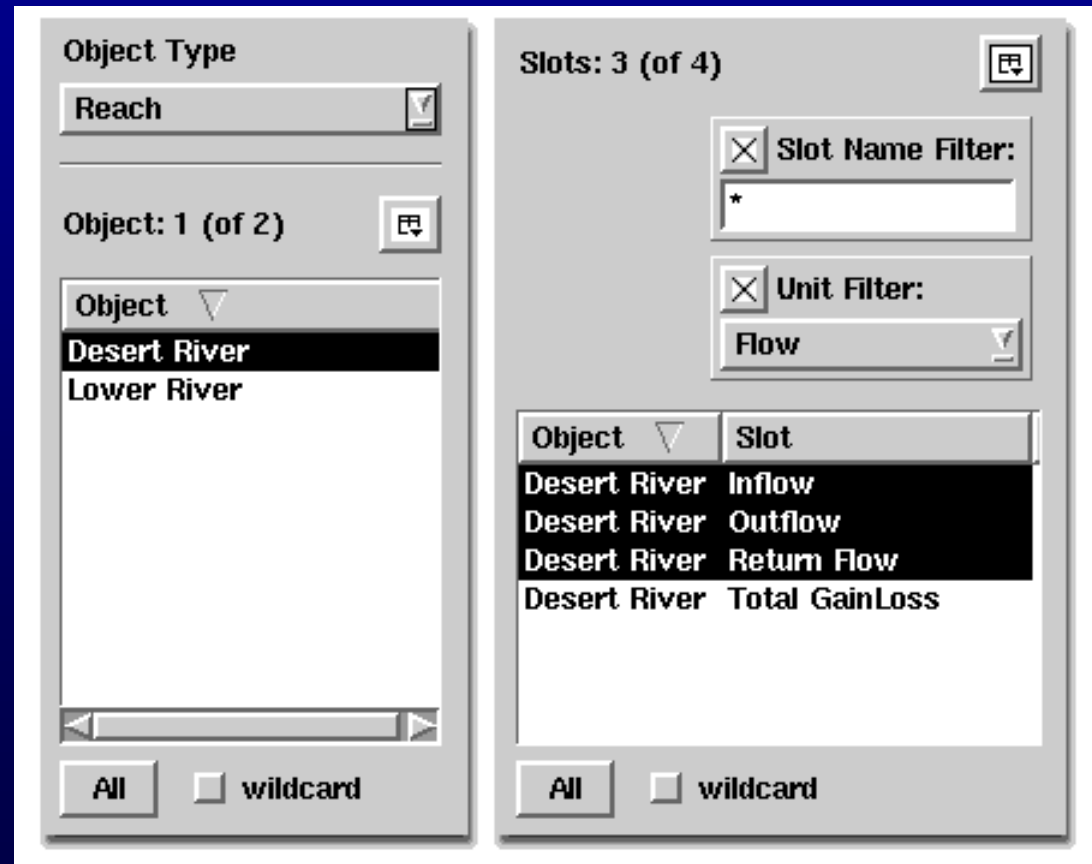# Qt-based Selector

RiverWare GUI Galaxy-to-Qt Migration

Phil Weinstein

New selector mockup detail showing new filtering, sorting, and "wildcarding" controls

Qt-based Selector, p. 2

Replacement of Galaxy-implemented selector dialog boxes with a Qt-implementation.

- Major step in migration to the Qt GUI Toolkit.

- Uniform selection <u>user interface</u> for SubBasins, Simulation Objects, Slots, Accounts, Supplies, Exchanges and Paybacks.

- Uniform <u>programming interface</u> for selection of those objects which is better suited for use by other Qt dialog boxes.

Qt-based Selector, p. 3

User Interface and Internal Enhancements

- Better user interface for selections within large models, e.g. user controlled <u>filtering</u> and <u>sorting</u>.

- Standard internal representations of a "selection".

- GUI support for <u>selection expressions</u> evaluated at a later time, e.g. *"All Energy Unit Slots on existing Power Reservoirs"*

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Multiple Slot Selection
Mockup Detail