

DSM2 8.0.4

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Delta Modeling Section

Preliminaries: DSM2 Versions

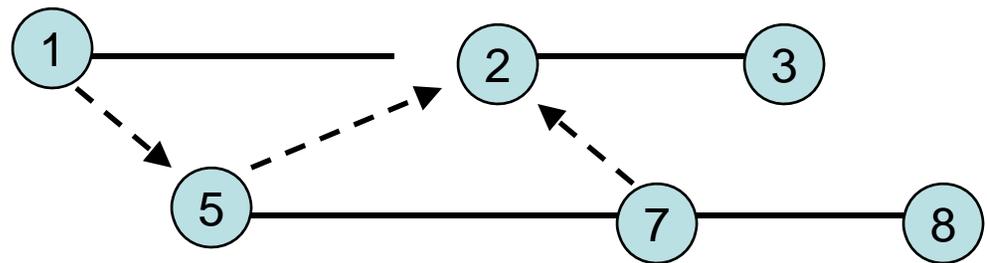
- Version 8.0.4:
 - **8** is the major version number
 - Don't hold your breath.
 - **0** is the minor version number
 - Backward compatible input guaranteed
 - **4** is the “bug fix” release.
 - Even numbers are public, odd internal or to people involved with bug report.
 - Goal is about once per quarter.

DSM2 Update

- Version 8.0.4: BDCP
 - Available now
 - Overhaul of transfers and downstream boundaries
 - Input correction at Sandmound Slough
 - Include file behavior... looking for feedback
- Version 8.0.6: Temperature bug fix
 - Temperature module bug fix on lat/long
 - BDCP setup template?
- Version 8.1: QUAL Tidefile
 - Include file locked in

Transfers

- Got rid of errors/inaccuracies due to:
 - Weird combinations of node number and end/middle node dependence
 - Now believed stable for both hydro and qual.
- BDCP exposed the permutations. Thanks Subir!
- Thanks Kevin!



Sandmound Slough Gate

- Direction was wrong
- The new templates reflect this
- This is your incentive to get the model if you don't care about mostly-BDCP features.
- Affects CCC but affect on Old River is minor

Include File

- Only certain kinds of input allowed in each category of include file:
 - E.g. GRID can only contain channel, gate... and not time series
 - This was not being enforced
 - For expedience it still isn't, but will be
 - Do we want a generic INCLUDE file like in v6?
 - Would allow you to develop a transfer and its boundary conditions in the same file.
 - ...but separation of grid items and their time series assignments is often good in the long run.