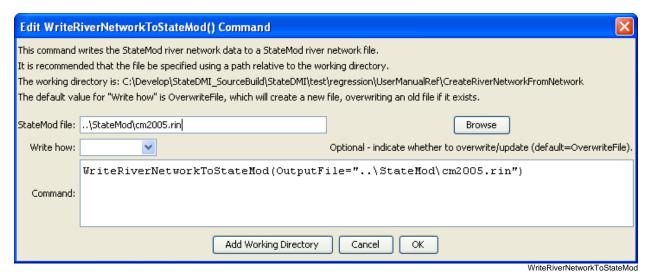
Command Reference: WriteRiverNetworkToStateMod()

Write StateMod river network data to a StateMod file

StateMod Command

Version 3.09.01, 2010-02-01

The WriteRiverNetworkToStateMod() command writes the river network to a StateMod river network file. The following dialog is used to edit the command and illustrates the syntax of the command.



WriteRiverNetworkToStateMod() Command Editor

The command syntax is as follows:

WriteRiverNetworkToStateMod(Parameter=Value,...)

Command Parameters

| Parameter | Description | Default |
|------------|--|---------------------------|
| OutputFile | The name of the output file to write, surrounded by double quotes. | None – must be specified. |
| WriteHow | OverwriteFile if the file should be overwritten or UpdateFile if the file should be updated, resulting in the previous header being carried forward. | OverwriteFile |

The following command file illustrates how a StateMod river network file can be created from the generalized network file:

```
StartLog(LogFile="rin.commands.StateDMI.log")
# rin.commands.StateDMI
# creates the river network file for the Colorado River monthly/daily models
#
  Step 1 - read river nodes from the network file and create file framework
#
#
ReadNetworkFromStateMod(InputFile="cm2005.net")
CreateRiverNetworkFromNetwork()
#
  Step 2 - get node (diversion, stream stations, reservoirs, instream flows)
#
            names from HydroBase
FillRiverNetworkFromHydroBase(ID="*", NameFormat=StationName_NodeType)
#
  Step 3 - read missing node names from network file
FillRiverNetworkFromNetwork(ID="*", NameFormat="StationName_NodeType",
 CommentFormat="StationID")
#
  Step 4 - create StateMod river network file
WriteRiverNetworkToStateMod(OutputFile="..\StateMod\cm2005.rin")
# Check the results
CheckRiverNetwork(ID="*")
WriteCheckFile(OutputFile="rin.commands.StateDMI.check.html")
```