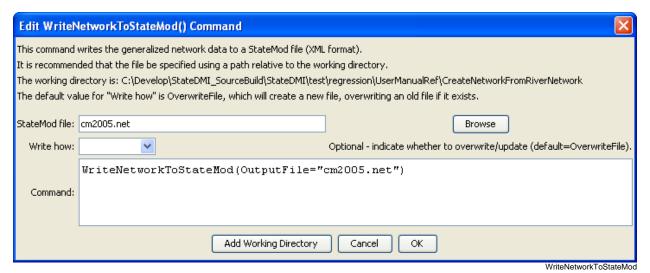
Command Reference: WriteNetworkToStateMod()

Write generalized network data to a StateMod file

StateMod Command

Version 3.09.01, 2010-02-01

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



WriteNetworkToStateMod() Command Editor

The command syntax is as follows:

WriteNetworkToStateMod(Parameter=Value,...)

Command Parameters

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

The following example command file illustrates how the command might be used:

```
# Create a generalized XML network from individual StateMod files
# Read the network, which contains upstream to downstream connectivity but does
# not indicate node types
ReadRiverNetworkFromStateMod(InputFile=cm2005.rin)
# Read the stations, which imply the node types
ReadRiverStreamGageStationsFromStateMod(InputFile=cm2005.ris)
ReadRiverDiversionStationsFromStateMod(InputFile=cm2005.dds)
ReadRiverReservoirStationsFromStateMod(InputFile=cm2005.res)
ReadRiverInstreamFlowStationsFromStateMod(InputFile=cm2005.ifs)
ReadRiverWellStationsFromStateMod(InputFile=cm2005.wes)
# To be developed...
#ReadRiverPlanStationsFromStateMod()
ReadRiverStreamEstimateStationsFromStateMod(InputFile=cm2005.ris)
# Now create the generalized network, using the connectivity and node types
CreateNetworkFromRiverNetwork()
# Fill in node names and locations from HydroBase, if any is still missing
FillNetworkFromHydroBase()
# Write the generalized network
WriteNetworkToStateMod(OutputFile="cm2005.net")
# Check for errors (the following is not yet implemented)
#CheckNetwork()
WriteCheckFile(OutputFile="cm2005.net.check.html")
```