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# Command Reference: ReadRiverNetworkFromStateMod()

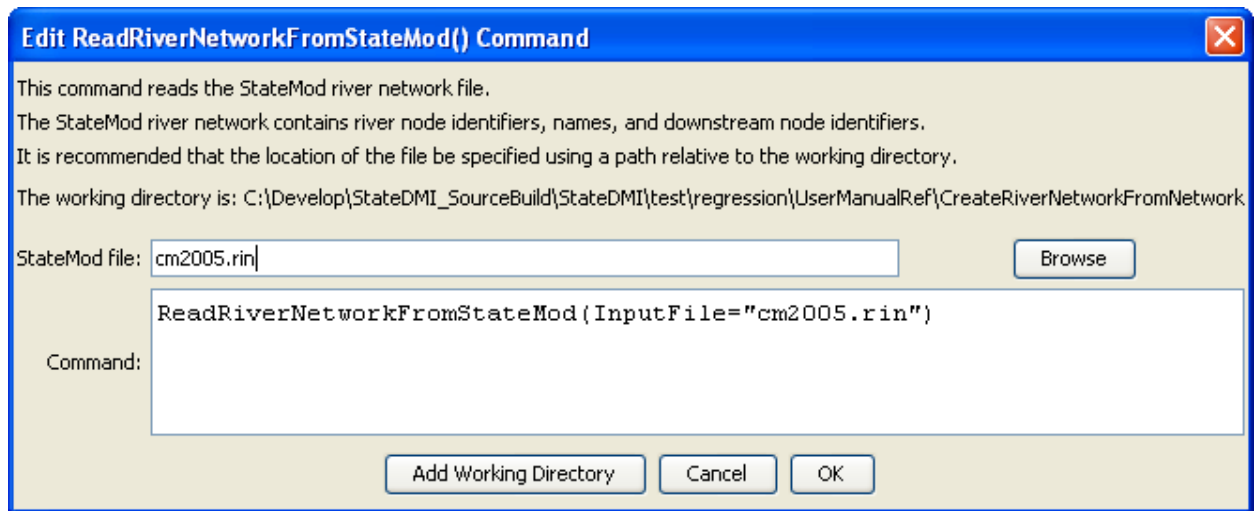
Read river network from a StateMod river network file

## StateMod Command

Version 3.09.01, 2010-02-01

The `ReadRiverNetworkFromStateMod()` command reads the river network from a StateMod river network file. The river network can then be manipulated and utilized by other commands. Normally the StateMod river network is only created as output, but it may be read if it is being converted to a generalized network file.

The following dialog is used to edit the command and illustrates the syntax of the command.



ReadRiverNetworkFromStateMod

**ReadRiverNetworkFromStateMod() Command Editor**

The command syntax is as follows:

```
ReadRiverNetworkFromStateMod(Parameter=Value,...)
```

### Command Parameters

Parameter	Description	Default
InputFile	The name of the StateMod river network file to be read.	None – must be specified.

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")
```