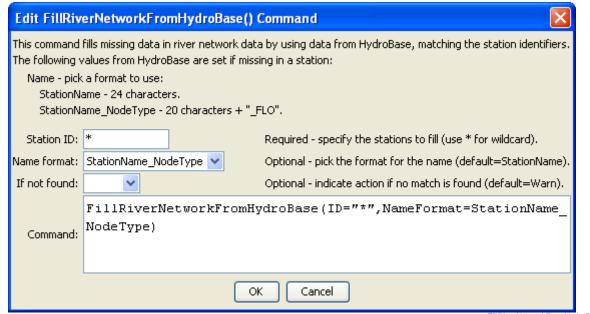
## Command Reference: FillRiverNetworkFromHydroBase()

## Fill StateMod river network data from HydroBase

**StateMod Command** 

Version 3.09.01, 2010-02-01

The FillRiverNetworkFromHydroBase() command fills missing data in the StateMod river network, using HydroBase for data. This is used, for example, when the river network has been created from the generalized network and "official" node names are to be determined from HydroBase. The following dialog is used to edit the command and illustrates the syntax of the command.



FillRiverNetworkFromHydroBase() Command Editor

FillRiverNetworkFromHydroBase

The command syntax is as follows:

FillRiverNetworkFromHydroBase(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
ID	A single river station identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
NameFormat	The format to use when setting the name, one of:	If blank, the original values will remain
	• StationName – use the station name from HydroBase	unchanged.
	• StationName_NodeType – use the first 20 characters of the name from Hydrobase + "_" + the node type (e.g., "ABC DITCH _DIV").	
IfNotFound	<ul> <li>Used for error handling, one of the following:</li> <li>Fail – generate a failure message if the ID is not matched</li> </ul>	Warn
	<ul> <li>Ignore – ignore (don't add and don't generate a message) if the ID is not matched</li> <li>Warn – generate a warning message if the ID</li> </ul>	
	is not matched	

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")
```