## Command Reference: OpenHydroBase()

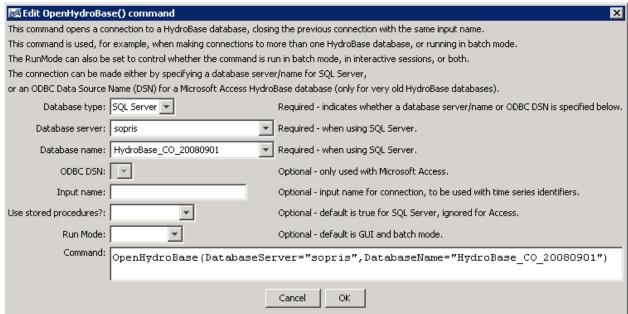
Open a connection to a HydroBase database

## **General Command**

Version 3.08.02, 2010-01-06

The OpenHydroBase () command opens a connection to a HydroBase database, allowing data to be read from the database. This command is not typically used for interactive sessions but may be inserted to run in batch only mode to allow a specific database and commands files to be distributed.

The following dialog is used to edit this command and illustrates the command syntax. The **Database type** is used to control settings for parameters and is not itself a parameter.



## OpenHydroBase() Command Editor

OpenHydroBase

The command syntax is as follows:

OpenHydroBase (Parameter=Value,...)

## **Command Parameters**

| Parameter      | Description                                | Default                           |
|----------------|--|-----------------------------------|
| DatabaseServer | Used with a SQL Server HydroBase.          | Required if a SQL Server          |
|                | Specify the SQL Server database            | database is used, and accepts the |
|                | machine name. A list of choices will       | generic value                     |
|                | be shown, corresponding to properties      | DatabaseServer=local,             |
|                | in the <i>CDSS.cfg</i> configuration file. | which will automatically be       |
|                |  | translated to the name of the     |
|                |  | local computer.                   |
| DatabaseName   | Used with a SQL Server HydroBase.          | HydroBase                         |

| Parameter           | Description                             | Default                        |
|---------------------|---|--------------------------------|
|                     | The name of the database typically      |                                |
|                     | follows a pattern similar to:           |                                |
|                     | HydroBase_CO_YYYYMMDD. A list           |                                |
|                     | of choices will be shown,               |                                |
|                     | corresponding to properties in the      |                                |
|                     | CDSS.cfg configuration file.            |                                |
| OdbcDsn             | The ODBC DSN to use for the             | Required if a Microsoft Access |
|                     | connection, used only when working      | database is used.              |
|                     | with a Microsoft Access database.       |                                |
| InputName           | The input name corresponding to the     | Blank (no input name).         |
|                     | ~InputType~InputName                    |                                |
|                     | information in time series identifiers. |                                |
|                     | This is used when more than one         |                                |
|                     | HydroBase connection is used in the     |                                |
|                     | same command file.                      |                                |
| UseStoredProcedures | Used with SQL Server, indicating        | True (used stored procedures). |
|                     | whether stored procedures are used.     |                                |
|                     | Stored procedures are the default and   |                                |
|                     | should be used except when testing      |                                |
|                     | software.                               |                                |
| RunMode             | Indicates when the command should be    | GUIAndBatch                    |
|                     | run, one of:                            |                                |
|                     |   |                                |
|                     | BatchOnly – run the command only        |                                |
|                     | in batch mode.                          |                                |
|                     | GUIOnly – run the command only in       |                                |
|                     | GUI mode.                               |                                |
|                     | GUIAndBatch – run the command in        |                                |
|                     | batch and GUI mode.                     |                                |

The following example command file illustrates how to connect to a SQL Server database running on a machine named "sopris":

StartLog(LogFile="Results/Example\_OpenHydroBase\_DatabaseName.StateDMI.log") OpenHydroBase(DatabaseServer="sopris",DatabaseName="HydroBase\_CO\_20060816")

Example\_OpenHydroBase\_DatabaseName