

Calling HVR on the Command Line

Many HVR [commands](#) take a hub database name (e.g., **myhubdb**) as their first argument. HVR supports the creation of a hub database on certain databases (location classes) only. For the list of supported location classes, see section [Hub Database](#) in [Capabilities](#).

Along with the hub database name argument (*hubdb*), the location class of the hub database can be explicitly specified in the command line using option **-h class**. Valid values for *class* are **db2**, **db2i**, **ingres**, **mysql**, **oracle**, **postgresql**, **sqlserver**, or **teradata**.

Alternatively, the location class of the hub database can be set by defining the environment variable **HVR_HUB_CLASS**. Valid values for this environment variable are **db2**, **db2i**, **ingres**, **mysql**, **oracle**, **postgresql**, **sqlserver**, or **teradata**. Refer to the operating system documentation for the steps to set the environment variables.

The following table lists (location class wise) the syntax for using the hub database argument (*hubdb*) in the command line interface (CLI). Sometimes a DBMS password may be required as a command line argument. These passwords can be supplied in an encrypted form using the command [hvincrypt](#) to prevent them being visible in the process table (for example with Unix command **ps**).

Syntax	Example	Description
<i>hvrcommand -h db2 hubdb channel</i> <i>hvrcommand -u username /password hubdb channel</i>	hvrinit -h db2 myhubdb hvr_demo hvrinit -u myuser /mypwd myhubdb hvr_demo	DB2 hub database as myhubdb . A username and password (of the hub database) can be supplied with option -u .
<i>hvrcommand -h ingres hubdb channel</i>	hvrinit -h ingres myhubdb hvr_demo	Ingres or Vectorwise hub database as myhubdb .
<i>hvrcommand -h mysql -u username /password node~port~hubdb channel</i>	hvrinit -h mysql -u myuser /mypwd mynode~3306~myhubdb hvr_demo	MySQL hub database as myhubdb . A username and password (of the hub database) is supplied with option -u .
<i>hvrcommand hubdb /password channel</i> <i>hvrcommand hubdb /password @tnsname channel</i> <i>hvrcommand -h oracle hubdb /password channel</i>	hvrinit myhubdb /mypwd hvr_demo hvrinit myhubdb /mypwd@mytnsname hvr_demo hvrinit -h oracle myhubdb /mypwd hvr_demo	Oracle schema as myubdb with password mypwd . Note that in the first example HVR recognizes this as Oracle, because of the forward slash.
<i>hvrcommand -h postgresql -u username /password node~port~hubdb channel</i>	hvrinit -h postgresql -u myuser /mypwd mynode~5432~myhubdb hvr_demo	PostgreSQL hub database as myhubdb . A username and password (of the hub database) is supplied with option -u .

<i>hvrcommand\hubdb channel</i>	hvrinit \myhubdb hvr_demo	SQL Server hub database myhubdb . Note that HVR recognizes this as SQL Server because of the back slash.
<i>hvrcommand instance\hubdb channel</i>	hvrinit inst\myhubdb hvr_demo	A SQL Server node and SQL Server instance can be added with extra back slashes.
<i>hvrcommand node\instance\hubdb channel</i>	hvrinit mynode\myinst\myhubdb hvr_demo	A username and password (of the hub database) can be supplied with option -u .
<i>hvrcommand -u username /password\hubdb channel</i>	hvrinit -u myuser /mypwd \myhubdb hvr_demo	
<i>hvrcommand -h sqlserver hubdb channel</i>	hvrinit -h sqlserver myhubdb hvr_demo	
<i>hvrcommand -h teradata node~username /password channel</i>	hvrinit -h teradata mynode~myuser /mypwd hvr_demo	Teradata schema as myuser on mynode .

Certain HVR [commands](#) can also be performed inside HVR's Graphical User Interface (**HVR GUI**). In such command's GUI dialog, the equivalent command is displayed at the bottom of the dialog window.

