



How to connect to Amazon Aurora from Denodo

Revision 20230102

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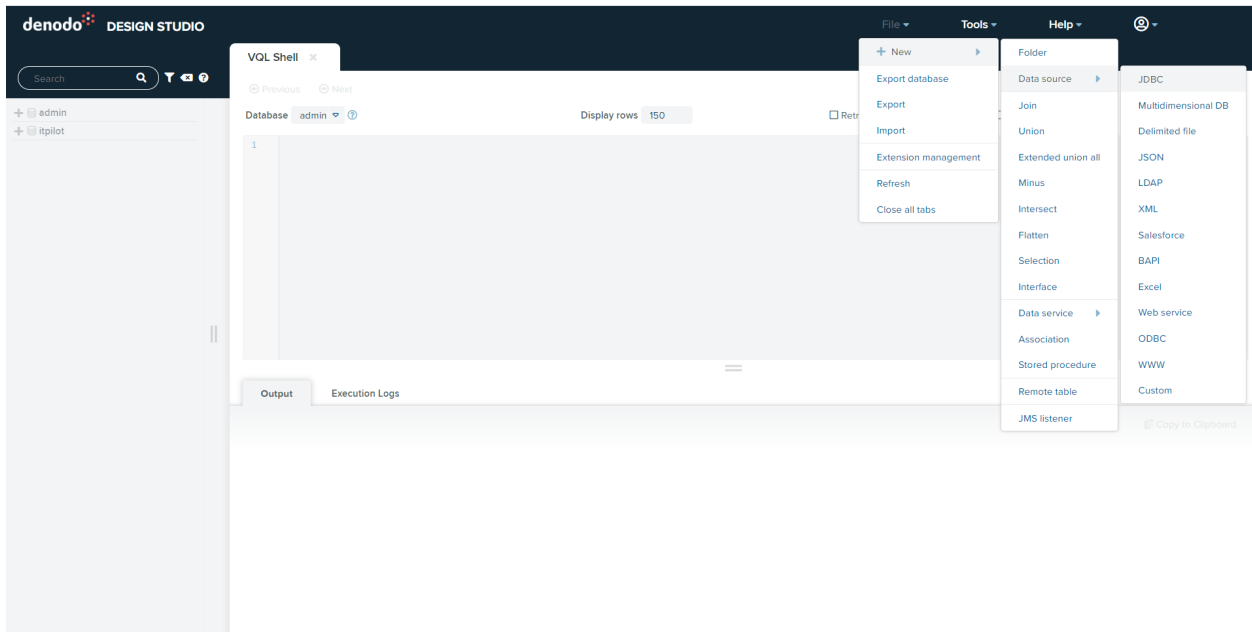
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Goal

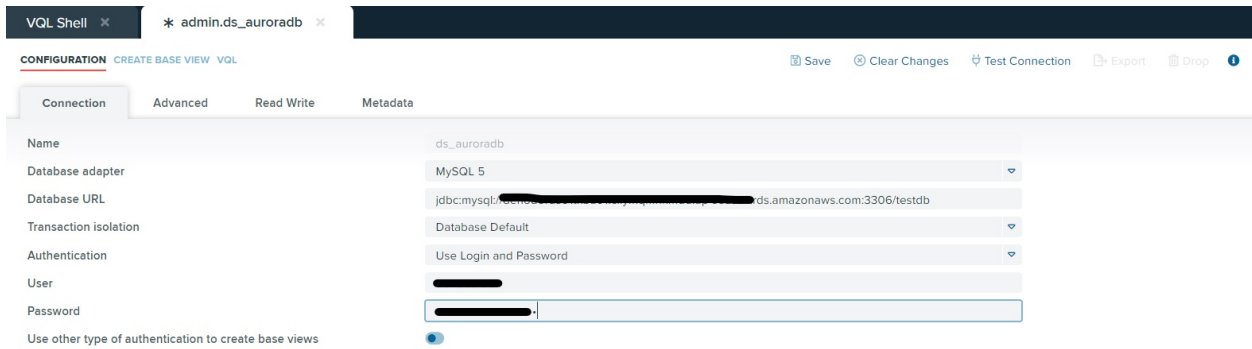
This document describes how to connect to Amazon Aurora from Denodo. Amazon Aurora is a MySQL-compatible, relational database engine.

Connecting to Amazon Aurora from Denodo

- From the Web Design Studio, create a new JDBC data source by selecting “File > New > Data source > JDBC”. This will open the wizard to create a connection to a data source with a JDBC driver.



- To create a connection, fill all the required fields:
 - **Name:** ds_auroradb
 - **Database adapter:**
 - For Aurora 1.x and Aurora 2.x select MySQL 5.
 - For Aurora 3.x select MySQL 8 and higher.
 - **Database URI:** use a connection string in the form of:
jdbc:mysql://<server>:<port>/<schema>
For example: jdbc:mysql://host:3306/testdb
 - **Username:** Enter the username to connect to Amazon Aurora.
 - **Password:** Enter the appropriate password.



The screenshot shows the Denodo configuration interface for a connection named 'ds_auroradb'. The interface is divided into tabs: 'Connection', 'Advanced', 'Read Write', and 'Metadata'. The 'Connection' tab is active. The configuration fields are as follows:

Field	Value
Name	ds_auroradb
Database adapter	MySQL 5
Database URL	jdbc:mysql://[redacted]:[redacted]@ds.amazonaws.com:3306/testdb
Transaction isolation	Database Default
Authentication	Use Login and Password
User	[redacted]
Password	[redacted]

Below the fields, there is a radio button labeled 'Use other type of authentication to create base views' which is currently unselected.

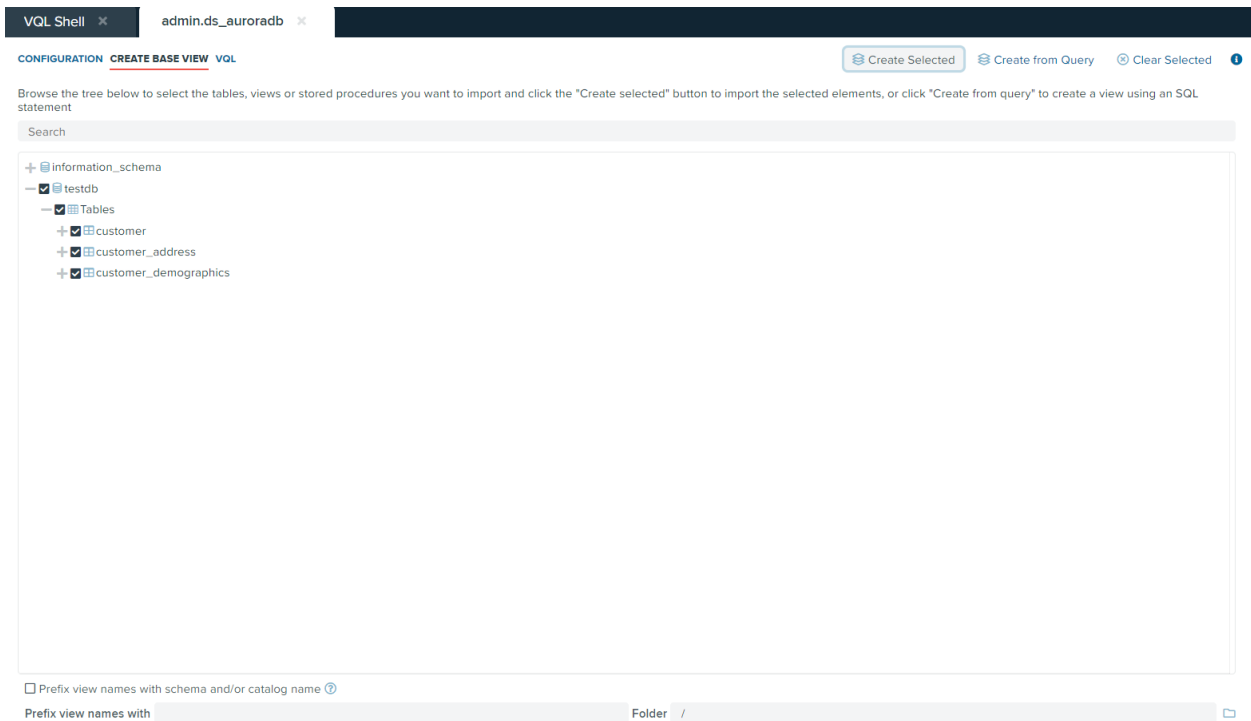
Once the information is filled, click on “Test Connection” and if the connection is successful, click on “Save”.

- Once the data source is created, create base views for that particular source. To do that, click on "Create base View" option.

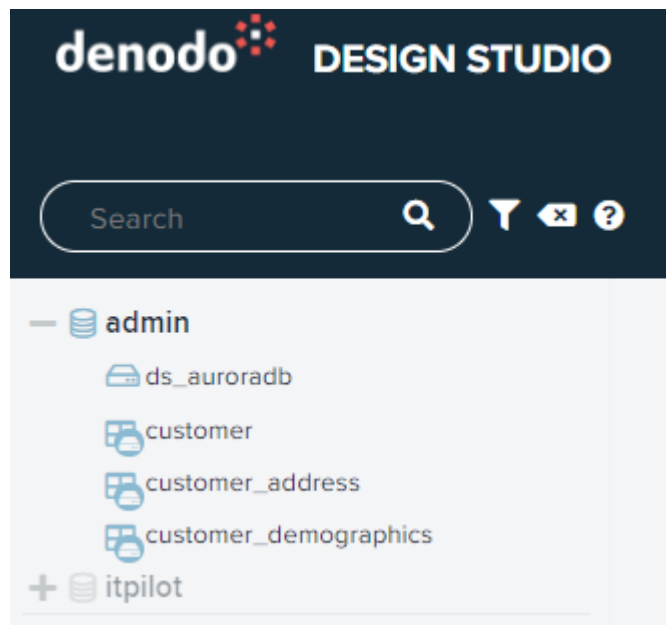
The screenshot shows the Denodo VQL Shell interface. At the top, there are tabs for 'VQL Shell' and 'admin.ds_auroradb'. Below the tabs, there are navigation options: 'CONFIGURATION', 'CREATE BASE VIEW', and 'VQL'. On the right side, there are buttons for 'Create Selected', 'Create from Query', and 'Clear Selected'. A search bar is located at the top of the main content area. Below the search bar, a tree view displays the database structure. The tree starts with 'information_schema', followed by 'testdb', and then 'Tables'. Under 'Tables', there are three items: 'customer', 'customer_address', and 'customer_demographics'. Each item has a small square checkbox next to it. At the bottom of the interface, there is a checkbox labeled 'Prefix view names with schema and/or catalog name' and a text input field for 'Prefix view names with' followed by 'Folder /'.

The Tool will display a tree with the schemas of the database. Click on any schema to inspect its tables and their fields. To search a view or a schema, type its name in the “search” box located at the top of the dialog. The list will only show the elements whose name contains the text you entered.

- To incorporate some of the tables into the Denodo virtual schema, you have to check the box near the tables or views you want to import and then click “Create selected”.



- When the importing process is finished, the new views are displayed.



- Now, the base views are ready for the execution and to be combined with the rest of the sources.

References



Virtual DataPort Administration Guide: [JDBC Sources](#)