

Connection to source databases (AIMS/AMOS)

in Pentago Data Integration

To create a connection to source databases (AIMS and AMOS) in Pentaho Data Integration, please follow these steps.

Step 1: Once you open a new Transformation (File -> New -> Transformation...), you can create a DB connection that you can then reuse in multiple steps of the same Transformation.

File -> New -> Database Connection...

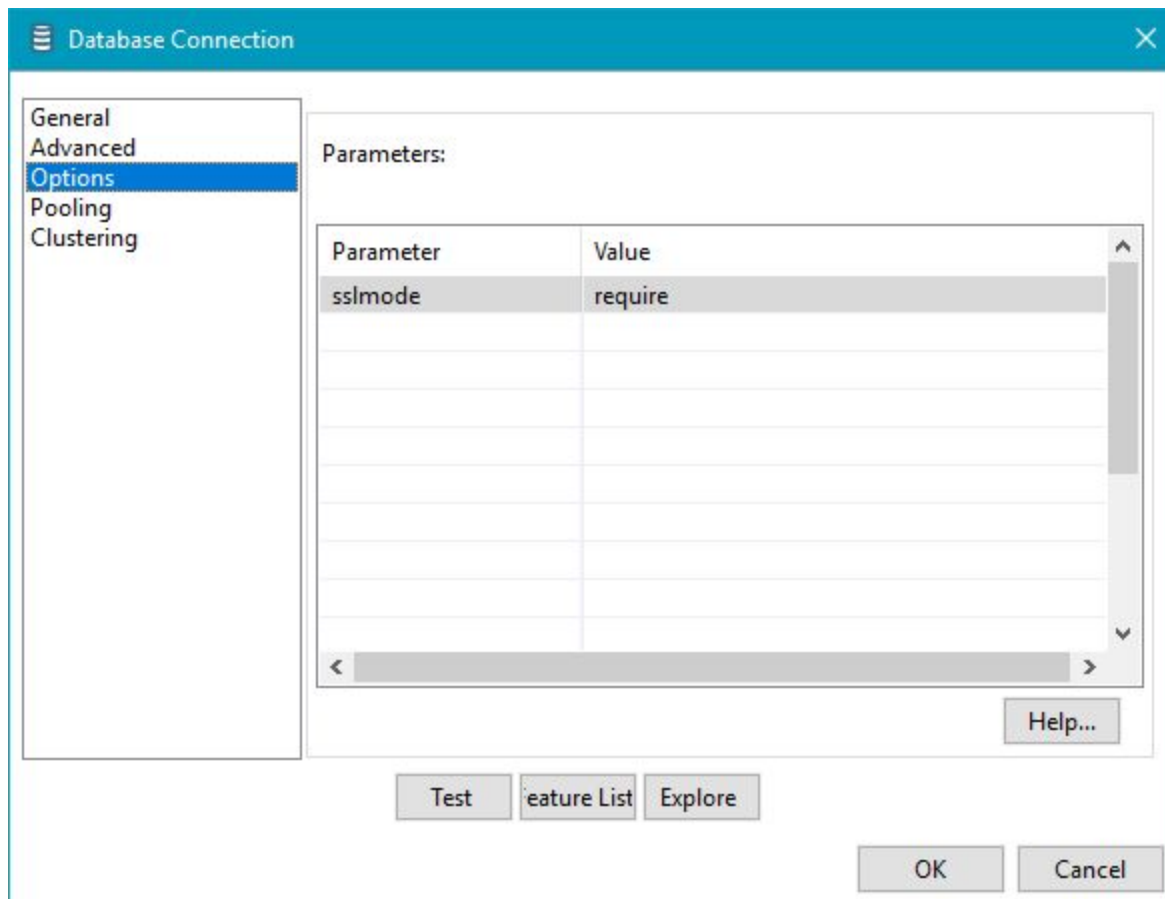
Step 2: Inside tab *General* in the dialog for creating a DB connection, fill in the information as shown in the figure below:

Note: use username/password that you received for connecting to PostgreSQL DB.

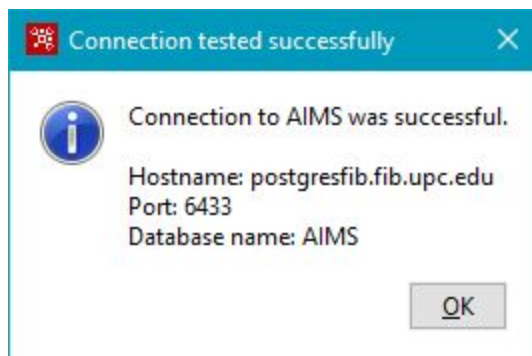
The screenshot shows the 'Database Connection' dialog box with the following configuration:

- General Tab:** Selected.
- Connection name:** AIMS
- Connection type:** PostgreSQL (selected from a list including Netezza, Oracle, Oracle RDB, Palo MOLAP Server, Pentaho Data Services, Redshift, Remedy Action Request System, SAP ERP System, SQLite, and Snowflake).
- Access:** Native (JDBC) (selected from a list including ODBC and JNDI).
- Settings:**
 - Host Name: postgresfib.fib.upc.edu
 - Database Name: AIMS
 - Port Number: 6433
 - Username: name.surnames
 - Password: (masked with dots)
- Buttons:** Test, Feature List, Explore, OK, Cancel.

Step 3: Further, to *activate ssl*, in tab *Options* of the same dialog, introduce parameter "*sslmode*" with value "*require*", as shown in the figure below:



Step 4: Finally, to test the connection, hit button *Test*, and if everything is correct, you should obtain the following message:



Step 5: Once you hit *OK* in the previous dialog for DB connection creation, your DB connection will be saved.

Note: The instruction above are for creating the connection with the *AIMS* database. Similarly, you can create the connection with DB *AMOS*, just by replacing DB name in the dialog above.