

Supplement for Lab 2 – Reverse Engineering (from the existing database to the model diagram)

1. Go to Database → Reverse Engineering. The following screen will appear.

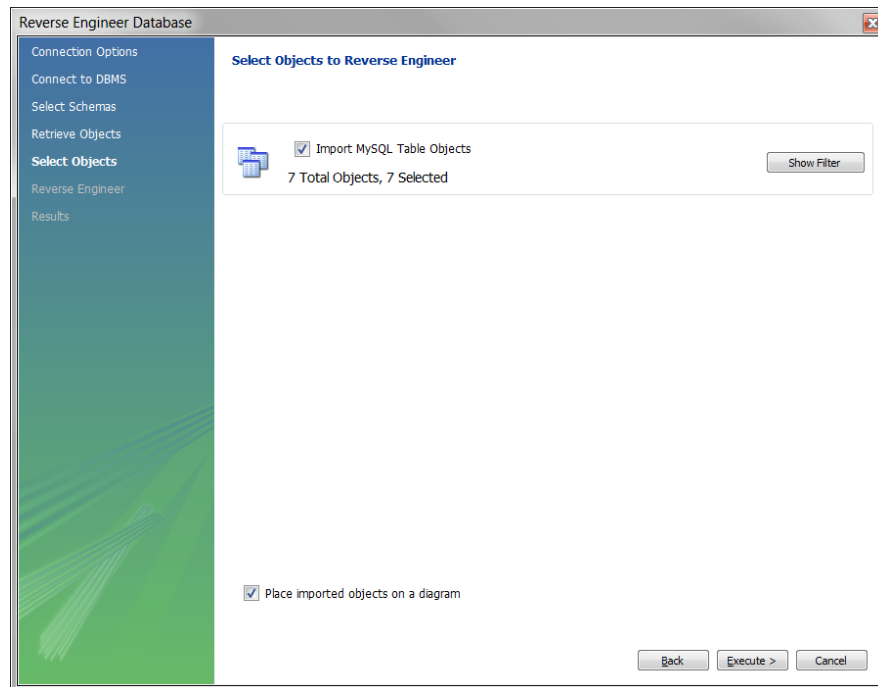
The screenshot shows the 'Reverse Engineer Database' dialog box. On the left is a sidebar with 'Connection Options' selected. The main area is titled 'Set Parameters for Connecting to a DBMS'. It contains a 'Stored Connection' dropdown set to 'GADTest', a 'Connection Method' dropdown set to 'Standard (TCP/IP)', and tabs for 'Parameters', 'SSL', and 'Advanced'. The 'Parameters' tab is active, showing fields for 'Hostname' (127.0.0.1), 'Port' (3306), 'Username' (root), and 'Password'. There are also buttons for 'Store in Vault ...' and 'Clear'. At the bottom are 'Back', 'Next', and 'Cancel' buttons.

2. Make sure you select the stored connection you created. Click Next.
3. In the next screen select HR database and click Next. And then Next again.

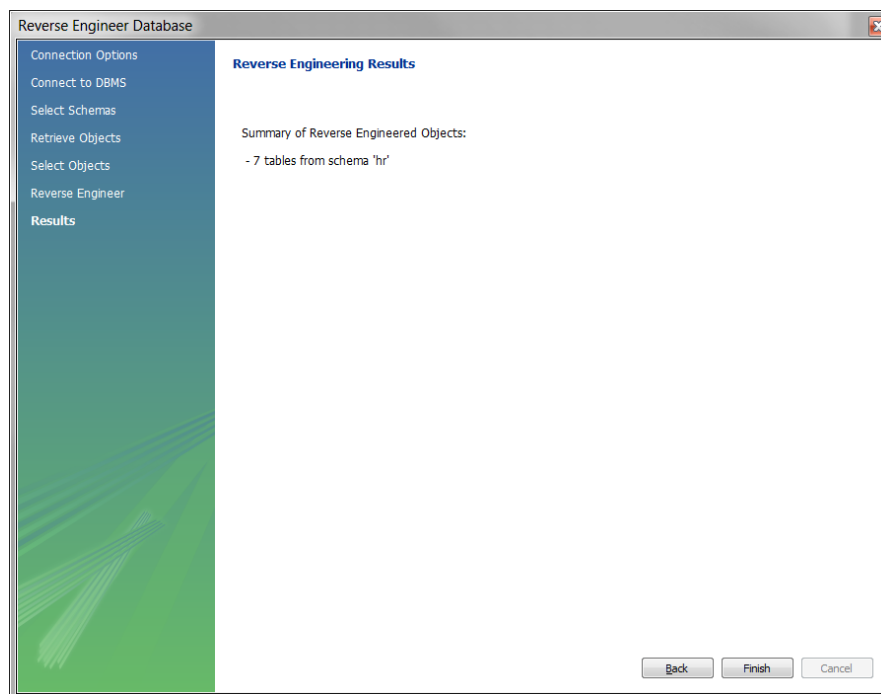
The screenshot shows the 'Reverse Engineer Database' dialog box at the 'Select Schemas to Reverse Engineer' step. The sidebar on the left has 'Select Schemas' selected. The main area has a title 'Select Schemas to Reverse Engineer' and a list of schemas with checkboxes: 'classicmodels', 'employees', 'hr' (checked), 'sakila', 'steelwheels', 'steelwheels_dw', 'sys', and 'world'. At the bottom are 'Back', 'Next', and 'Cancel' buttons.

4. In the following screen make sure you checked the boxes and click Execute.

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5. After the process click Finish.



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Finally, you will have a diagram with the tables of the database. Now you will create the relationships between these tables.

