

DB Visualizer Tips and Tricks

Data Infrastructure Management May 19th 2017

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 - Changing the Data Display Format
- Working with SQL
 - Opening and Editing SQL scripts
 - Re-executing SQL statements
 - Managing Frequently Used SQLs
- Working with Result Sets
- Finding Database Objects and Data
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 - Finding Objects in the Databases Tab
- Export and Import Settings
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Selecting a Database connection, Schema, and Table

 Select the desired Database Connection, Schema, and Table from the Connections under Database tree.



Working with Tables

Script the table

- The script object dialog can be used to automatically generate SQL statement for a table.
- Drag and Drop table: Select the table and drop it in the editor.
- Right click properties: Pick the table and select the script object dialog from right click properties.

Changing the Data Display Format

 Use Data format from the Tool Settings to change the default date format

Script Table - 1 object	X
Scripting Type	* O INSERT O UPDATE O DELETE O CREATE O DROP O Object Name
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Opening and Editing SQL scripts:

- The SQL editor supports loading statements from a file and saving the content of the editor to a file
- SQL in the editor has color codes: SQL Commands are in <u>Blue</u>, Strings Literals in <u>Red</u>, Comments in <u>Green</u>
- Comment a block or line in SQL editor using rightclick properties
- Convert lower and upper cases in SQL editor using right-click properties

- Navigating Between History Entries:
 - When you execute a script, DB Visualizer saves it as a history entry. You can use the **Previous** & **Next** buttons in the editor toolbar to navigate between (load) these entries.
- Folding Selected Text:
 - When you work with a large script, it often helpful to hide parts of it. You can do this by using the Code Folding feature.





- Selecting a Rectangular Area:
 - In some cases, it is handy to be able to select a rectangular area in the middle of a script. Press Alt key while you extend the selection by dragging the mouse
- Re-executing SQL statements:
 - As you execute SQL statements in the SQL Commander, DB Visualizer saves them as History entries. This makes it easy to locate statements and scripts you have executed in the past. Use the SQL history window.





- Managing Frequently Used SQLs:
 - The Bookmarks make it easier to manage the set of SQL statements that you use over and over to perform frequent tasks.
 - Create and Edit
 Bookmarks in the Script tab
 of the navigation area.

 Organize the bookmark
 scripts by creating folders.
 Database connection can
 also be set for the
 bookmark script.



Working with Result Sets

Export a Result Set:

 Click the export icon (or) right click in the result set, to export data from the result set to a named file.

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Export Icon



Working with Result Sets

Use the Export Grid to export the data into your desired output file format.

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Working with Result Sets

Pinning Result Set

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Finding Database Objects and Data

- Finding and Replacing text in the Editor(1):
 - The Edit main menu and the editor right-click menu contain two choices for finding text: Find and Find with Dialog. You can Find and Replace the search words.
- Finding Data in a Grid(2):
 - The right-click menu for a grid contains the Find Data. Find Data shows a Quick Find field where you can type text to look for, and use the Up and Down keys to find the next or previous occurrence. Use the Escape key to close the field.

Finding Database Objects and Data

- Finding Object in the Database tab(3):
 - With a node selected in the Databases tab, typing any character shows a Quick Find field where you can type the name of an object you want to locate. Use the Escape key to close the field. Note that only the visible, expanded, nodes are searched.

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Exporting and Importing Settings

- Use export and import option to migrate all your settings for DB Visualizer from one machine to another. It is also helpful for backup purposes
- The Export Settings feature is available from the File->Export Settings main window menu choice



Managing Memory Size

Increase the Memory Size:

 Memory size may need be increased to display large amount of data rows in the Result Set. Increase the memory size using the General section of tool properties



Managing Memory Size

- Clear the Memory Size:
 - Use the delete button at the bottom of the result set to free up the memory

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GAD_t GAD_t (0 [105] Log G * / T 1 2 3 4 5	INS IDBMS Output CBMS Output CMS IDBMS Output IDBMS OUTPU	1: APPLICANT_D [2 ND_YR T_CD 2016 1 2017 3 2016 4 2017 4 2016 3	Auto Comm 2000] × 22 20 T_NAM Summer Writer Spring Spring Writer	it: ON UTF-8 Appl TERM_D [150] T_INIT_LTR S W S S S W	x x T_AC	14 FROM 15 GA 3:20 [10 Log co (1) * 2 1 2 3 4 5	D_BI.TERM_D; 5] INS DBMS Output T V ■ ■ ■ ■ T_KEY T_C 136 140 134 142 132	1: APPLICANT_C I: APP	Auto Comm 2 [2000] × 2 2 T_NAM Summer Winter Spring Spring Winter	hit: ON UTF-8 I: TERM_D [1] T_INIT_L S W S S W W	Applicant_d.s 50] × TR T_AC
FROM GAD_t 20 [105] Log 20 20 [105] Cost	INS IDBMS Output DBMS Output Y • W F IB KEY T_CL! 136 140 134 142 132 138	1: APPLICANT_D [2	Auto Comm 2000] × 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	it: ON UTF-8 Appl TERM_D [150] T_INIT_LTR S W S S S W F	x / T_AC	14 FROM 15 GA 3:20 [10 Log 0 0 1 * 2 1 2 3 4 5 6	D_BI.TERM_D; 5] INS C DBMS Output T KEY T_C 136 140 134 142 138	1: APPLICANT_C 1: APPLICANT_C 2016 1 2017 3 2016 4 2017 4 2016 3 2016 2	Auto Comm (2000) × 2 2 2 2 2 2 2 2 2 2 2 2 2 2	hit: ON UTF-8 L: TERM_D [1] T_INIT_L S W S S W F	Applicant_d.s 50] × IR T_AC
4 FROM 5 GAD_1 20 [105] Log 4 * 2 T 1 2 3 4 5 6 7	INS DBMS Output DBMS Output T - L 136 140 134 142 132 138 	1: APPLICANT_D [2 D_YR T_CD 2016 1 2017 3 2016 4 2017 4 2016 2 1001 2	Auto Comm 2000] × 22 2000 2000 2000 2000 2000 2000 2000	it: ON UTF-8 Appl TERM_D [150] T_INIT_LTR S W S S S W F F	v icant_d.sql* × / T_AC	14 FROM 15 GA 3:20 [10 15 GA 3:20 [10 10 10 10 10 10 10 10 10 10	D_BI.TERM_D; 15] INS 16] DBMS Output 17 - 10 136 140 134 142 138 42 138 42 42 42 42 42 42 42 42 42 42	1: APPLICANT_C 1: APPLICANT_C 2016 1 2017 3 2016 4 2017 4 2016 3 2016 2 1991 2	Auto Comm (2000) × 2 C T_NAM Summer Winter Spring Spring Winter Fal Fal Fal	hit: ON UTF-8 L: TERM_D [1] T_INIT_L S W S S W F F F	Applicant_d.sc 50] ×

Question and Answer

