

X-dbTools

User Guide

V1.0.4

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Welcome to X-dbTools.

X-dbTools is a light weight database management utility that bridges the gap between SSMS and MS Access. The flexible of writing and running queries that the developers are so used to in SSMS is now available when working with MS Access files. Our goal is to create the best utility for them.

We hope you will enjoy using this product.

Navigation

Below is a snapshot of the main control panel.



General navigation notes

X-dbTools implements auto-saving of the UI elements while you navigate throughout the product's screens. This means that by resizing or moving the main X-dbTools window or by resizing the panes you implicitly cause the dimensions and positioning of the windows saved thus making them persist between sessions. When you exit and re-enter the program the state of your session would be saved and restored automatically.

Connecting to database



When you click **Connect** button a “Database Connection” dialog is presented. You would then fill the connectivity details and press “Connect” button to establish connection.

X-dbTools imposes no limitations on the number of connections that you might establish, but it does require that you would choose an alias name for every connection.

MS Access, SQL Server and Oracle database are supported. A word of caution: as a developer you would need to be aware of the syntactical differences between these database engines. The following example illustrates what we mean:

SQL Server:

```
SELECT emp.*, dept.DEPT_NAME, sal.SALES_DATE
FROM Employee emp
      JOIN Department dept ON dept.DEPT_NO = emp.DEPT_NO
      JOIN Sales sal ON sal.DEPT_NO = dept.DEPT_NO
WHERE
      emp.EMPLOYEE_NO = 216
```

MS Access:

```
SELECT emp.*, dept.DEPT_NAME, sal.SALES_DATE
FROM ((Employee emp
      INNER JOIN Department dept ON dept.DEPT_NO = emp.DEPT_NO)
      INNER JOIN Sales sal ON sal.DEPT_NO = dept.DEPT_NO)
WHERE
      emp.EMPLOYEE_NO = 216
```

Let us know if you run into other syntactical puzzles.

Query results

Once the connection is established you can run SQL commands against the selected database. An example of typical SQL commands.

The screenshot shows the X-dbTools interface. The left pane displays a tree view of database objects, including tables like Service, Tenant, and various tlkp tables. The main editor contains the following SQL commands:

```

1 select * from tlkpPropertyType
2 Execute (F5) * from property
3
4 update property set currentvalue=234000
5 where propertyID=2

```

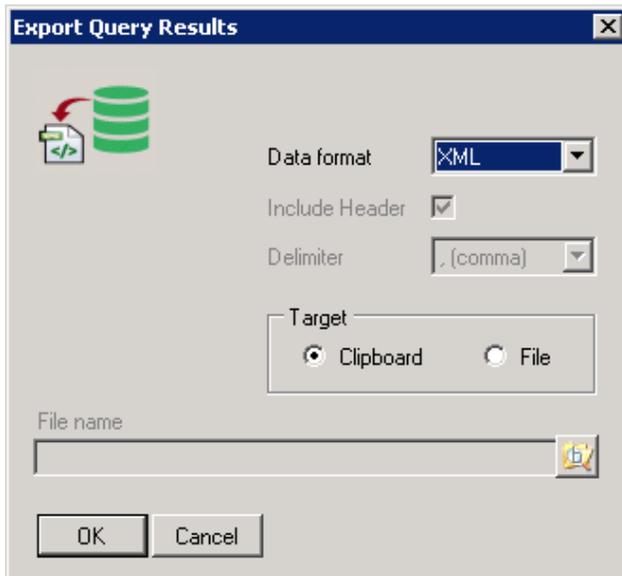
Below the editor, a table displays the query results for the first command. The table has two columns: Name and Value.

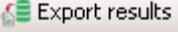
Name	Value
PropertyID	2
PropertyTypeID	2
Address	1 main street
City	chicago
State/Province	IL
ZIP/Postal Code	23456
Country/Region	(null)

The interface also shows a status bar indicating "Query result: 2 records found" and a log window at the bottom with the timestamp "2019/11/27 21:24:51..." and "records = 2, (time span = 00:00:00.005)".

Clicking  **Execute** button (or pressing F5) executes the selected text or all of the text in the editor if nothing is selected. Contents of the entire editor are saved in the current session, so if you exit X-dbTools and re-enter it the contents will be automatically restored.

Exporting query results

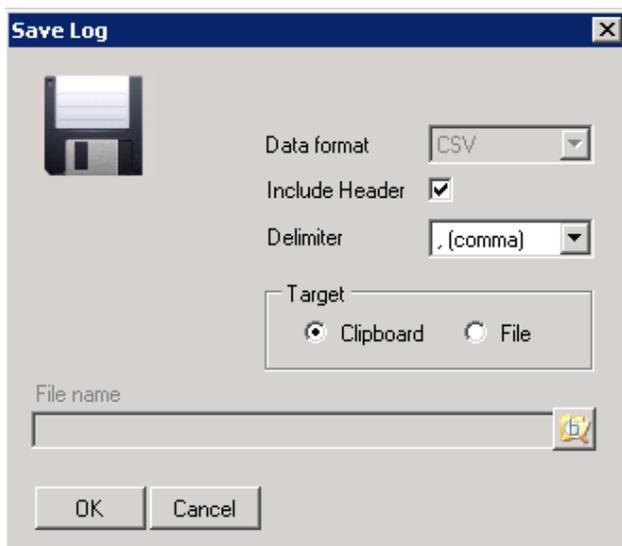


By clicking  **Export results** button you activate the export functionality and will be presented with a dialog where you'll be able to choose a target media which will receive the results of your query and the format for exported data.

XML, CSV and JSON formats are supported.

Saving log entries

Saving contents of the log window is also possible.



By clicking  **Save log** button you activate the functionality for saving log information. You will be presented with a dialog where you'll be able to choose target media which will receive the contents of the log window and the format for that data.

XML, CSV and JSON formats are supported.