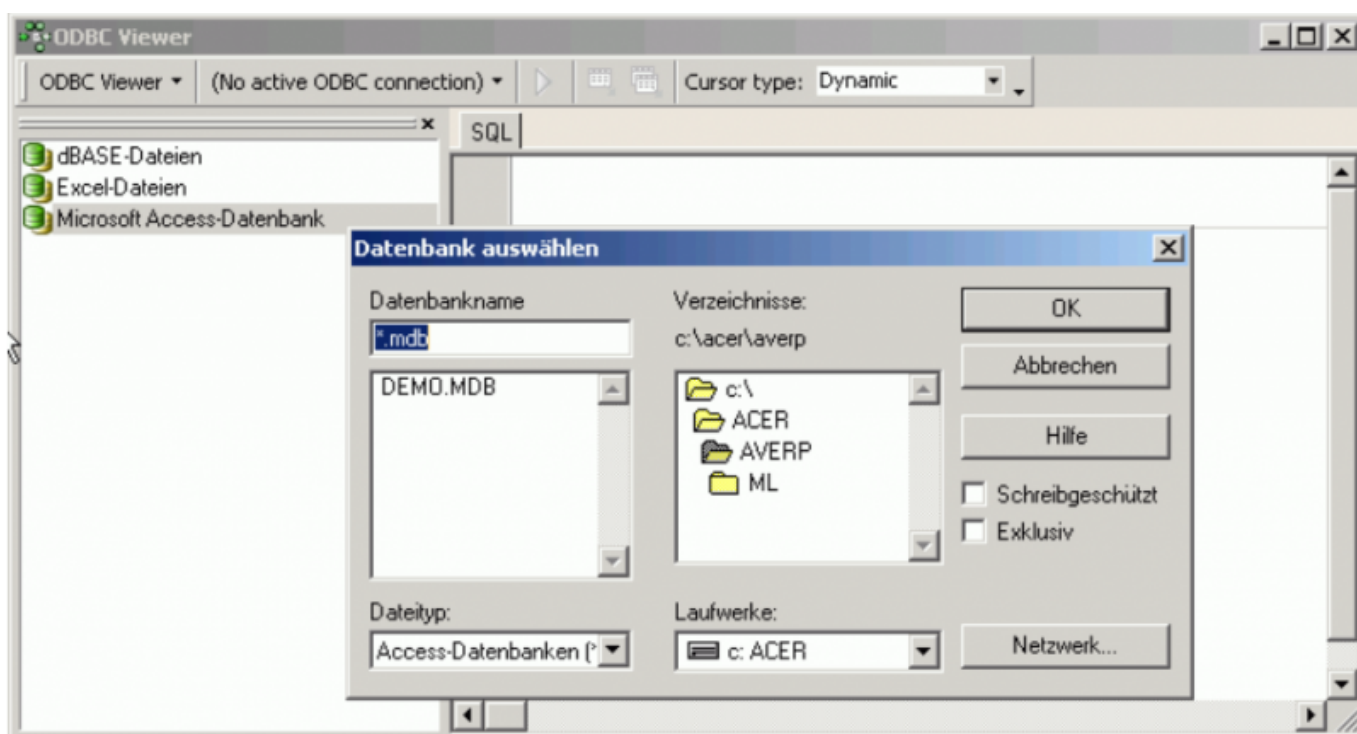


ODBC Viewer

The ODBC Viewer allows you to browse data from any [ODBC](#) source available on your PC and also import data from an [ODBC](#) source into an SQL script or directly into a Firebird/InterBase® database. (This feature is unfortunately not included in the [free IBExpert Personal Edition](#).)

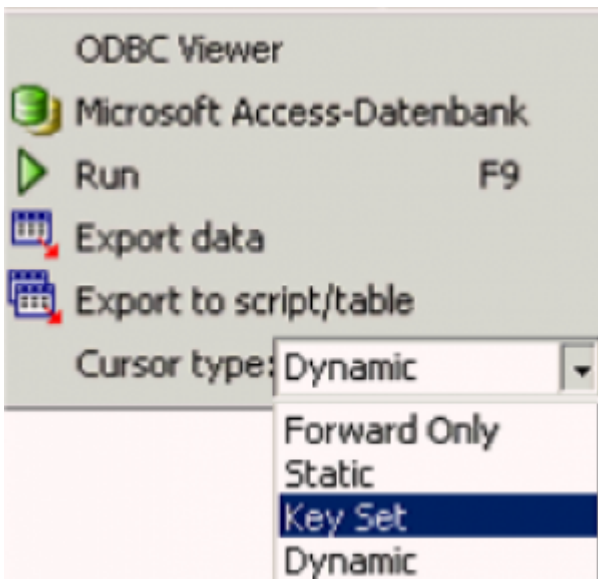
Setting up and testing the ODBC driver

If you need an ODBC driver, it can be downloaded from <https://www.firebirdsql.org>. Then use the Windows menu: *Settings / System Control / Administration / Data Source* and select `fbodbc`. This now allows you to access data from non-Firebird applications such as, for example, OpenOffice Base.



Using the [IBExpert Tools menu](#) item, *ODBC Viewer*, select the database from the selection of formats: dBASE or Excel files, or Microsoft Access databases, to load the database tables.

The [ODBC Viewer toolbar](#) offers the following options:

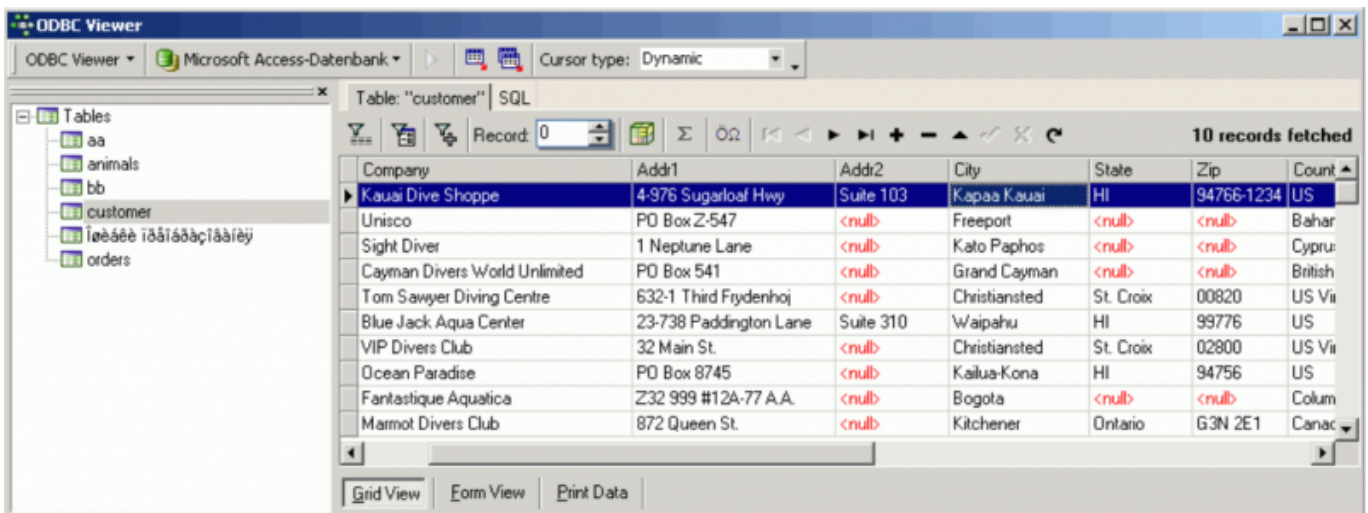


- Display the active database connection type
- Run [F9] - runs an SQL
- [Export data](#)
- [Exports data to script/file](#)
- Cursor type: here a choice is offered of *Forward Only*, *Static*, *Key Set*, *Dynamic*.

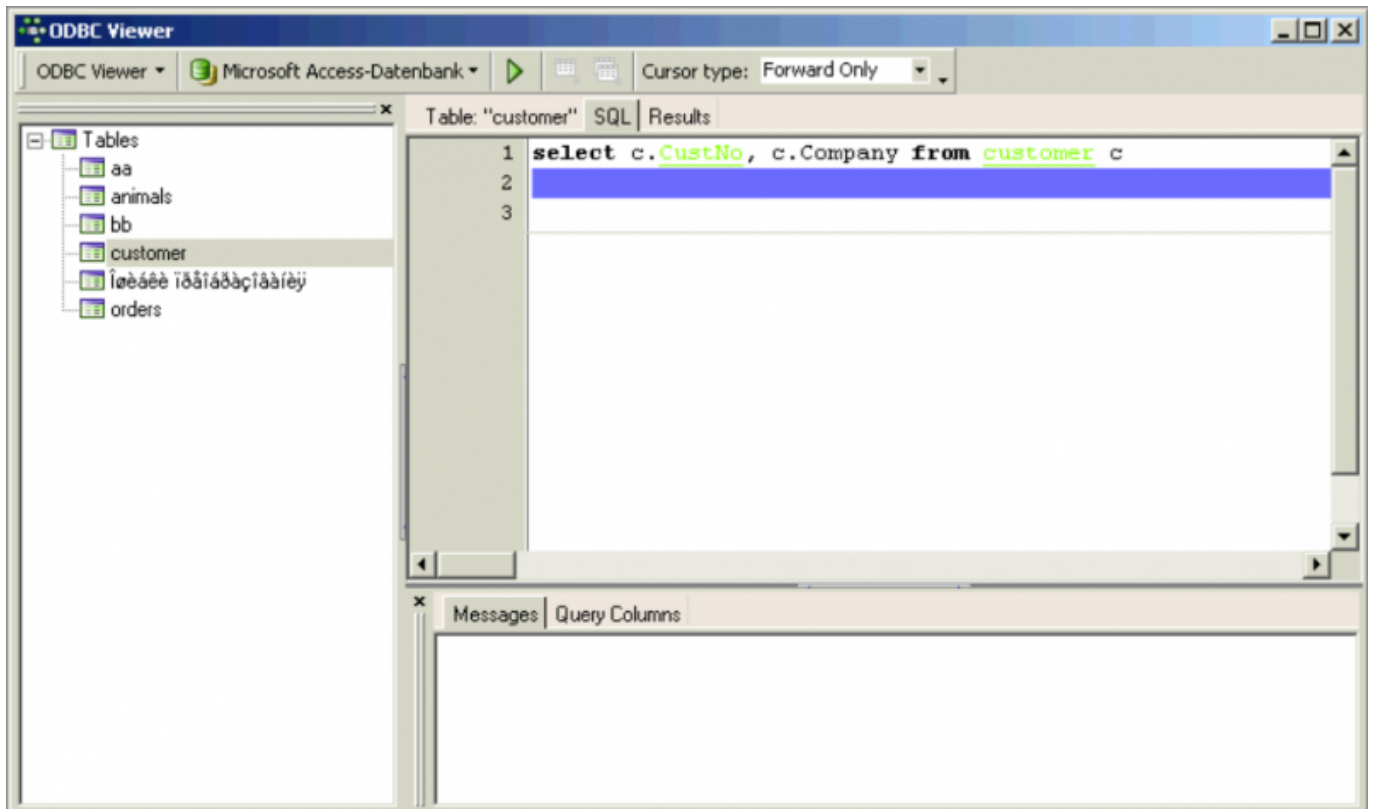
The navigational buttons and icons displayed on the tool bar running across the head of the table data are explained in detail under: [Table Editor / Data Grid](#). The ODBC Viewer's right-click menu is also detailed in this chapter.

The [IBExpert Blob Viewer/Editor](#) is automatically opened by double-clicking on any [blob](#) field.

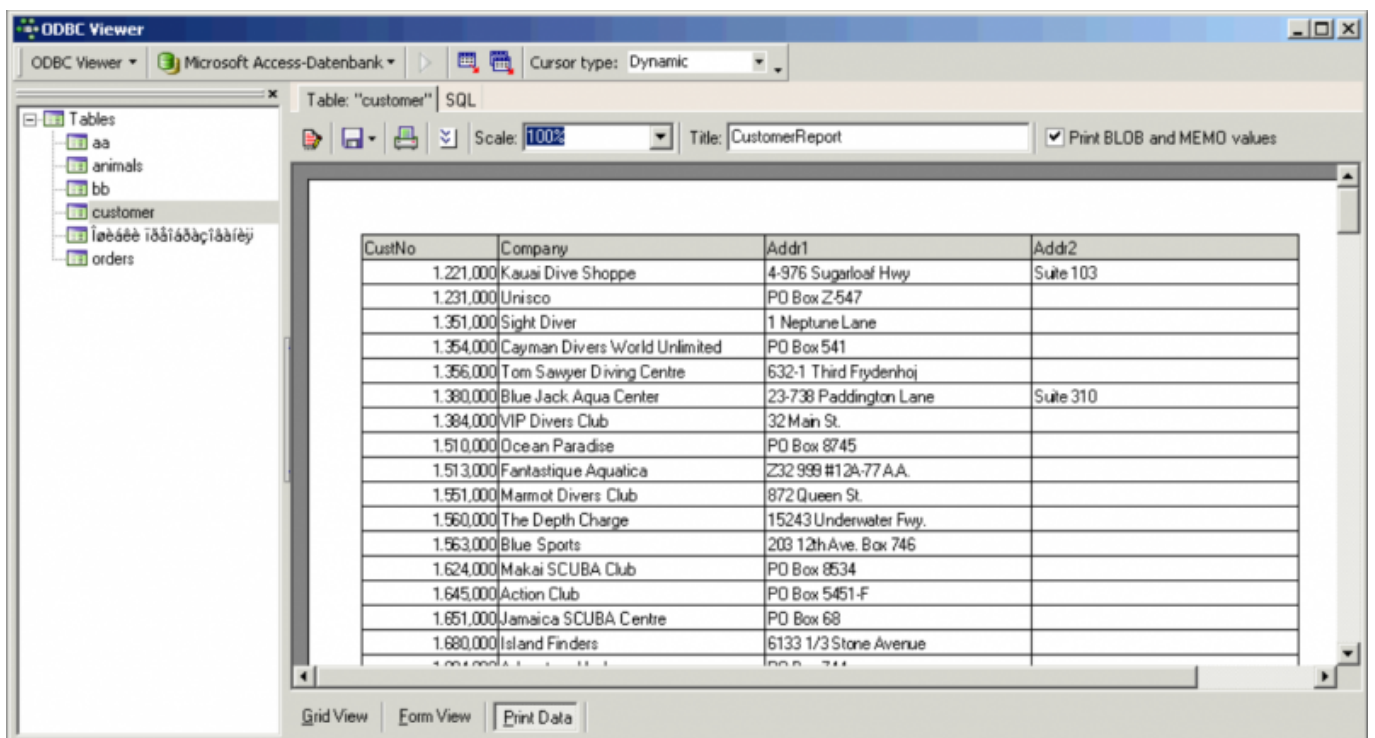
Double-click (or [Enter]) on a table in the list on the left, to view the data contents. The view type can be easily altered by clicking on the buttons at the bottom left: [Grid View](#), [Form View](#) and there is even the possibility to [print](#) the data. More information regarding these options can be found in the [IBExpert Tools menu](#) item, [SQL Editor / Results](#) and [Table Editor / Data](#).



You can even query the table contents:



and view, print or export the results.



Please refer to [Print Data](#) and [Export Data](#) for further information.

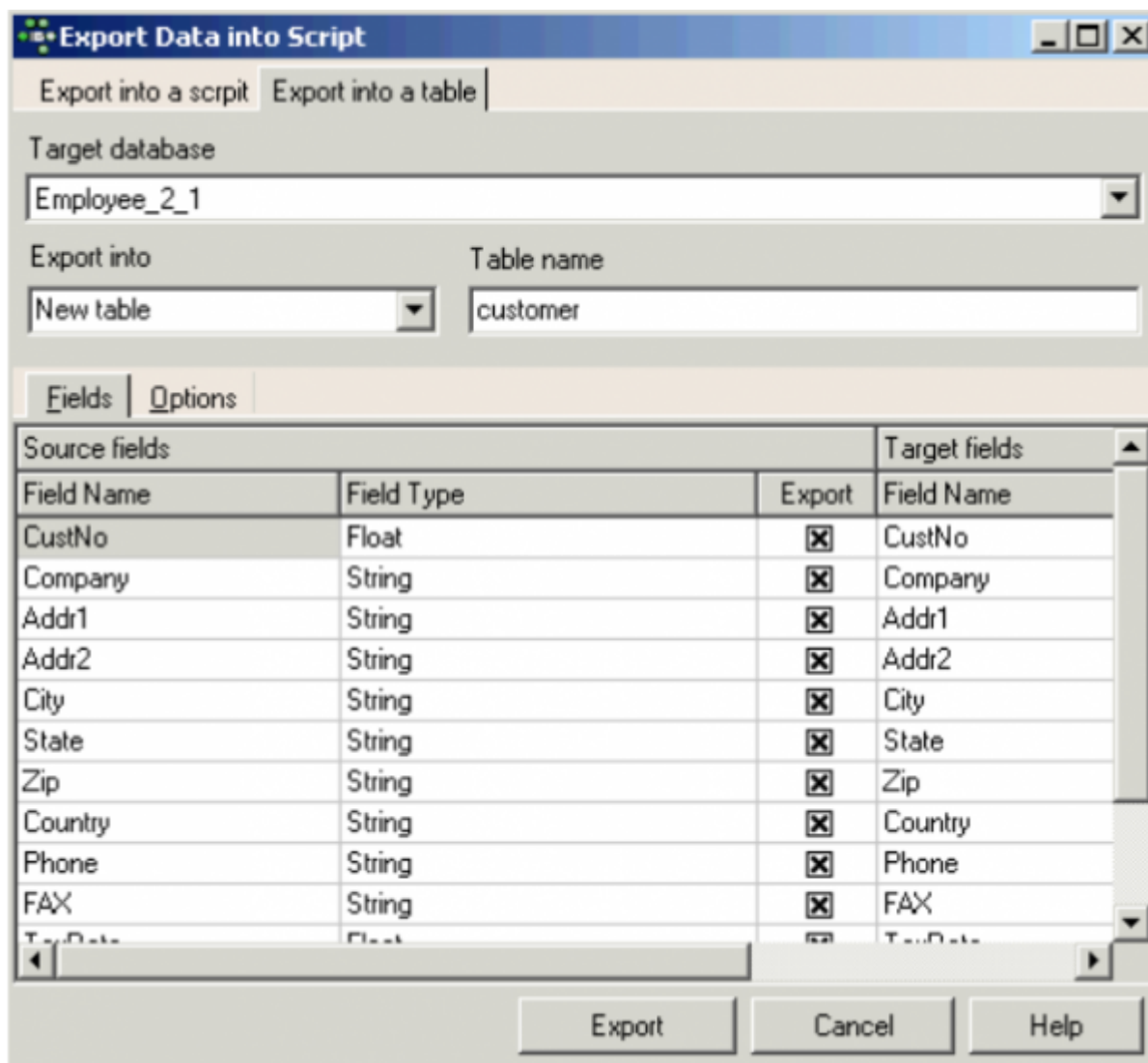
Export data into a script

The ODBC Viewer's Export functions are similar to that of the Table Editor's [Export Data into Script](#).

However, whereas the Table Editor offers the pages, *Fields*, *Options* and *Additional*, the ODBC Viewer offers the options to *Export into script* and *Export into table*, both offering *Fields* and *Options* pages.

Please refer to *Export Data into Script* for details of exporting tables and table data into a script.

Export data into a table



When exporting into a table, first select the target database for the export, and whether you wish to export into a new or existing table. When *existing table* is selected, the drop-down list on the right offers a list of all current tables in the selected database.

On the *Fields* page below, all field names and field types of the source table can be viewed on the left-hand side. All fields are marked as default for exporting. This can be manually altered if wished by clicking or using the space bar on the check boxes. On the right, IBExpert suggests *Field Names* and *Field Types* for the new target table. These can be simply overwritten if required.

The *Options* page offers the *Commit after specified number of records* option.

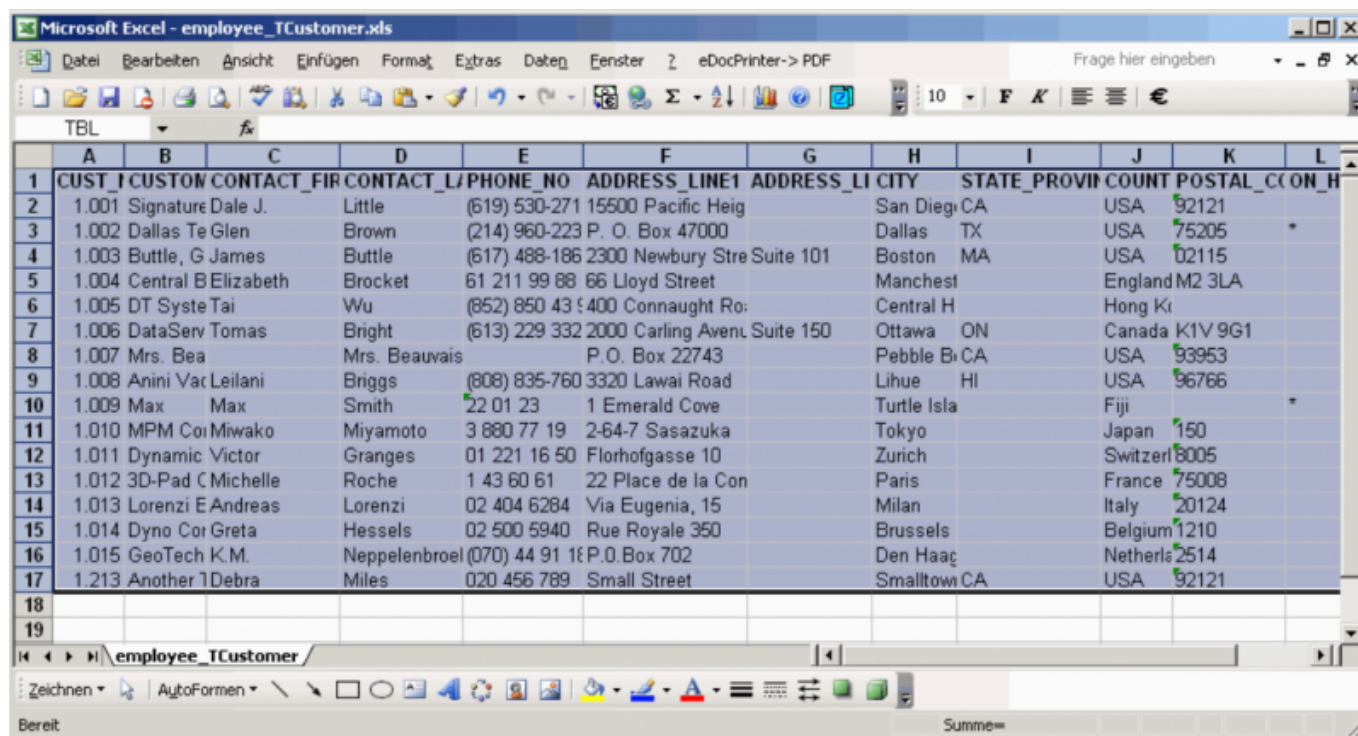
Further information regarding data and file import and export can be found in the following documentation articles:

- [Import & export using IBEExpert \(1\)](#)
- [Import & export using IBEExpert \(2\)](#)
- [IBEBlock examples including data import and export](#)
- [Firebird administration: import & export](#)

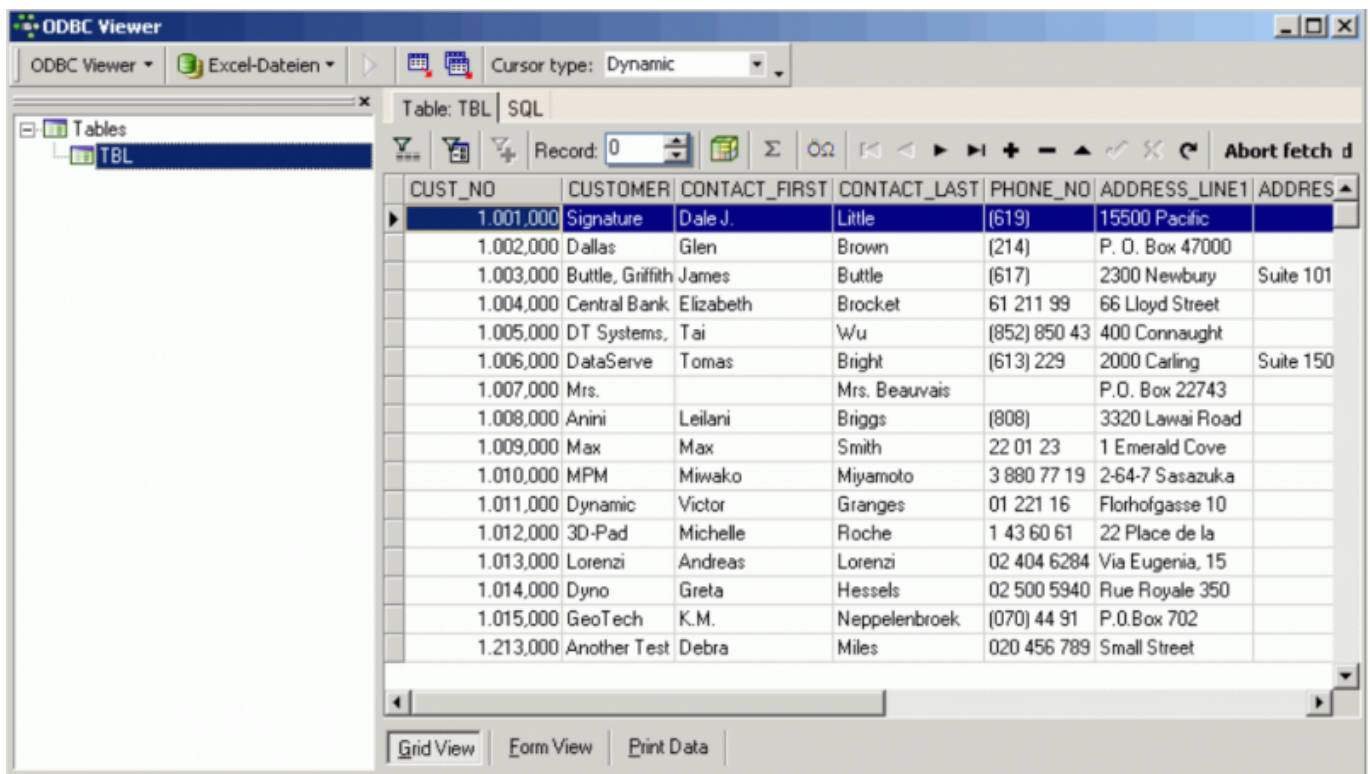
[back to top of page](#)

Importing Excel files and spread sheets

In Excel it is possible to define a specific area (a whole table or just parts of the data contents) and give this marked area a name (in the upper left area):



This defined data can then be used as a table in the ODBC Viewer (our example has been defined in Excel as TBL):



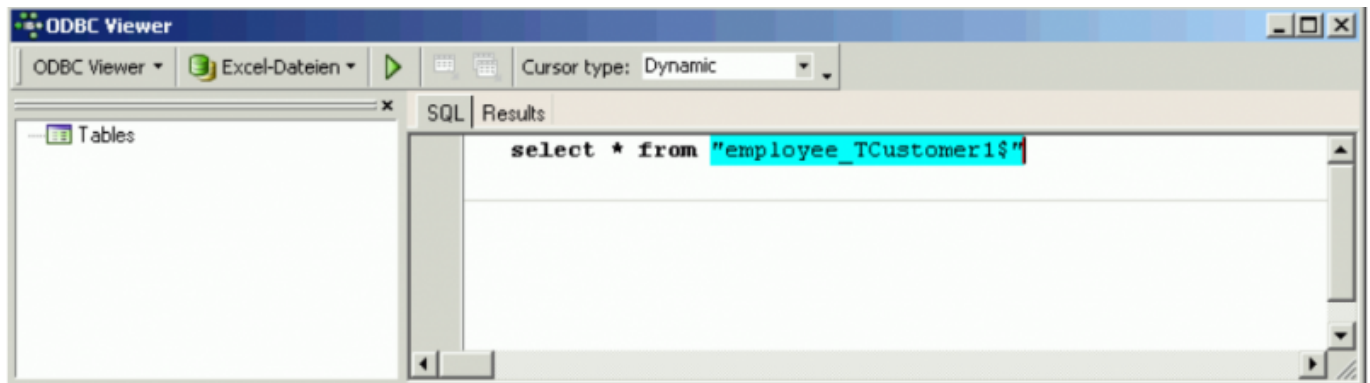
The screenshot shows the ODBC Viewer application window. The title bar reads "ODBC Viewer". Below the title bar, there is a menu bar with "ODBC Viewer" and "Excel-Dateien". To the right of the menu bar, there is a "Cursor type: Dynamic" dropdown menu. Below the menu bar, there is a toolbar with various icons. The main area of the window is divided into two panes. The left pane shows a tree view with "Tables" and "TBL". The right pane shows a table with the following data:

CUST_NO	CUSTOMER	CONTACT_FIRST	CONTACT_LAST	PHONE_NO	ADDRESS_LINE1	ADDRESS
1.001,000	Signature	Dale J.	Little	(619)	15500 Pacific	
1.002,000	Dallas	Glen	Brown	(214)	P. O. Box 47000	
1.003,000	Buttle, Griffith	James	Buttle	(617)	2300 Newbury	Suite 101
1.004,000	Central Bank	Elizabeth	Brocket	61 211 99	66 Lloyd Street	
1.005,000	DT Systems,	Tai	Wu	(852) 850 43	400 Connaught	
1.006,000	DataServe	Tomas	Bright	(613) 229	2000 Carling	Suite 150
1.007,000	Mrs.		Mrs. Beauvais		P.O. Box 22743	
1.008,000	Anini	Leilani	Briggs	(808)	3320 Lawai Road	
1.009,000	Max	Max	Smith	22 01 23	1 Emerald Cove	
1.010,000	MPM	Miwako	Miyamoto	3 880 77 19	2-64-7 Sasazuka	
1.011,000	Dynamic	Victor	Granges	01 221 16	Florhofgasse 10	
1.012,000	3D-Pad	Michelle	Roche	1 43 60 61	22 Place de la	
1.013,000	Lorenzi	Andreas	Lorenzi	02 404 6284	Via Eugenia, 15	
1.014,000	Dyno	Greta	Hessels	02 500 5940	Rue Royale 350	
1.015,000	GeoTech	K.M.	Neppelenbroek	(070) 44 91	P.O.Box 702	
1.213,000	Another Test	Debra	Miles	020 456 789	Small Street	

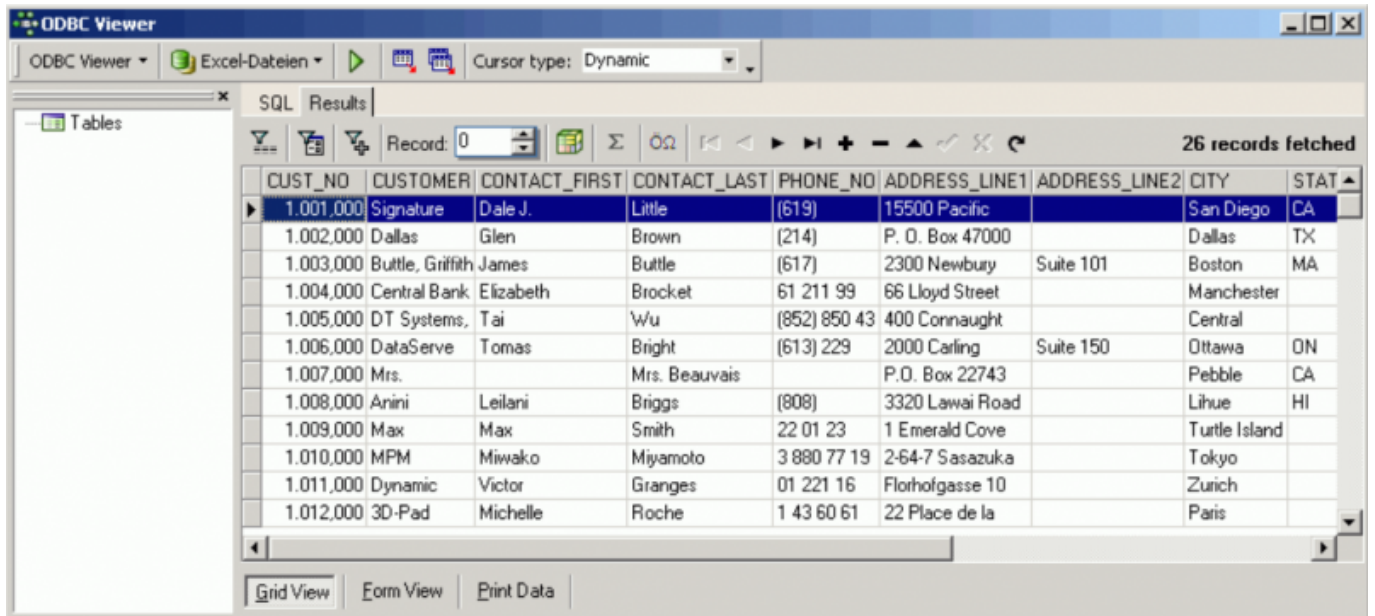
Alternatively an Excel file which is connected via ODBC can be viewed by typing the query:

```
select * from "sheet1$"
```

where `sheet1$` is the name of the spreadsheet (visible on the tab at the bottom of the sheet). To view our example above:



The first line is used always used for the column names.



ODBC Viewer

Excel-Dateien | Cursor type: Dynamic

SQL Results | 26 records fetched

CUST_NO	CUSTOMER	CONTACT_FIRST	CONTACT_LAST	PHONE_NO	ADDRESS_LINE1	ADDRESS_LINE2	CITY	STAT
1.001,000	Signature	Dale J.	Little	(619)	15500 Pacific		San Diego	CA
1.002,000	Dallas	Glen	Brown	(214)	P. O. Box 47000		Dallas	TX
1.003,000	Buttle, Griffith	James	Buttle	(617)	2300 Newbury	Suite 101	Boston	MA
1.004,000	Central Bank	Elizabeth	Brocket	61 211 99	66 Lloyd Street		Manchester	
1.005,000	DT Systems,	Tai	Wu	(852) 850 43	400 Connaught		Central	
1.006,000	DataServe	Tomas	Bright	(613) 229	2000 Carling	Suite 150	Ottawa	ON
1.007,000	Mrs.		Mrs. Beauvais		P.O. Box 22743		Pebble	CA
1.008,000	Anini	Leilani	Briggs	(808)	3320 Lawai Road		Lihue	HI
1.009,000	Max	Max	Smith	22 01 23	1 Emerald Cove		Turtle Island	
1.010,000	MPM	Miwako	Miyamoto	3 880 77 19	2-64-7 Sasazuka		Tokyo	
1.011,000	Dynamic	Victor	Granges	01 221 16	Florhofgasse 10		Zurich	
1.012,000	3D-Pad	Michelle	Roche	1 43 60 61	22 Place de la		Paris	

Grid View | Form View | Print Data

Please also refer to the [IBEBlock documentation](#) and [IBEBlock examples](#) for a range of further import and export options.

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