

ODBC Examples

1. Download IBEBlockScriptSamples.zip from https://www.ibexpert.com/download/other_files/
2. Copy Demo.mdb and ODBCACC.ibeblock (found in the Blocks/ODBC Access directory) into a separate directory
3. Copy ODBCACC.ibeblock (copy of script below) into the [SQL Editor](#).
4. You can find the correct connection [string](#) for the [ODBC](#) driver you are using here: [Connection Strings](#)
5. Modify the path to Demo.mdb.
6. Press [F9] to execute the block.

```
execute ibeblock
returns (CustNo integer, Company varchar(100), Addr1 varchar(100))
as
begin
  InCust = 3000;
  OdbcCon = ibec_CreateConnection(__ctODBC,
'DBQ=D:\Delphi5\CMP\mODBC\DB\demo.mdb;DRIVER=Microsoft Access Driver
(*.mdb)');
  ibec_UseConnection(OdbcCon);

  execute statement 'select Company from customer where CustNo = 4312' into
:MyCust;

  for select CustNo, Company, Addr1 from customer
    where CustNo > :InCust
    order by company
    into :CustNo, :Company, :Addr1
  do
  begin
    suspend;
  end
  ibec_CloseConnection(OdbcCon);
end
```

[Connection Strings](#) offers a huge range of ODBC drivers for all possible databases:

Connect to

Access	Active Directory	AS/400
Azure SQL Database	Caché	Composite Information Server
ComputerEase	DBF / FoxPro	DBMaker
DSN	EmfProz	Empress
Excel	Exchange	Filemaker
Firebird	HTML Table	IBM DB2
Index Server	Informix	Ingres
Integration Services	Interbase	Intuit QuickBase
Lightbase	Lotus Notes	Mimer SQL
MS Project	MySQL	Netezza DBMS
OData	OLAP, Analysis Services	OpenOffice SpreadSheet
Oracle	Paradox	Pervasive
PostgreSQL	Progress	RSS / Atom
SAS	SharePoint	SQL Server
SQL Server Compact	SQLBase	SQLite
Sybase Adaptive	Sybase Advantage	Teradata
Textfile	UDL	UniData
UniVerse	Valentina	Vertica
VistaDB	Visual FoxPro	Windows Azure Storage
ZIM		

along with the connection strings. For example, if you want to access Excel data:

Excel connection strings

.NET libraries

- ⚙ CData ADO.NET Provider for Excel
- ⚙ .NET xlReader for Microsoft Excel

OLE DB providers

- ⚙ Microsoft ACE OLEDB 12.0
- ⚙ Microsoft Jet OLE DB 4.0

ODBC drivers

- ⚙ Microsoft Excel 2007 ODBC Driver
- ⚙ Microsoft Excel ODBC Driver

Wrappers and others

- ⚙ .NET Framework Data Provider for OLE DB
- ⚙ .NET Framework Data Provider for ODBC

Please also refer to IBExpert's [ODBC Viewer](#).

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