



Access **ODBC** database records from within your Native Windows[®] **filePro** application!

Read, write, add, update, and delete ODBC database records directly using both high-level and low-level record access. Supports popular ODBC data sources such as Microsoft Access, SQL 2000 server, MySQL, Oracle, Sybase, and many more.

The low-level interface was targeted for use by advanced users familiar with ODBC/SQL record access using the SQL command architecture and provides the maximum flexibility.

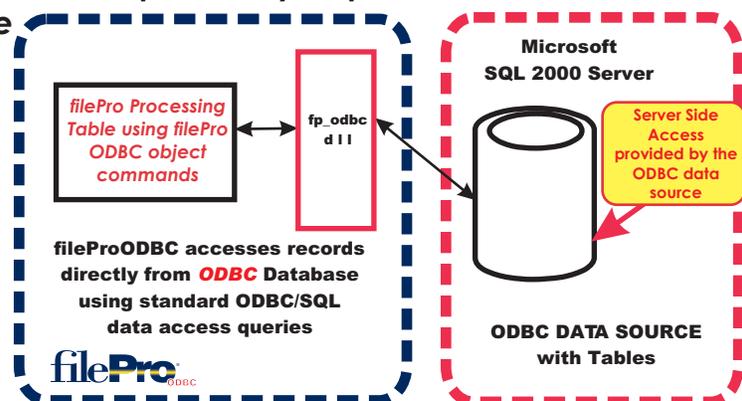
fileProODBC's low-level interface allows you to pass ODBC/SQL record access commands using fileProODBC objects in your processing tables. You can INSERT, UPDATE, and DELETE database records as well as SELECT fields from database records and then read them using filePro processing commands.

For instance you can form a query such as:

SELECT title,description,length FROM MyMedia WHERE format = 'DVD'

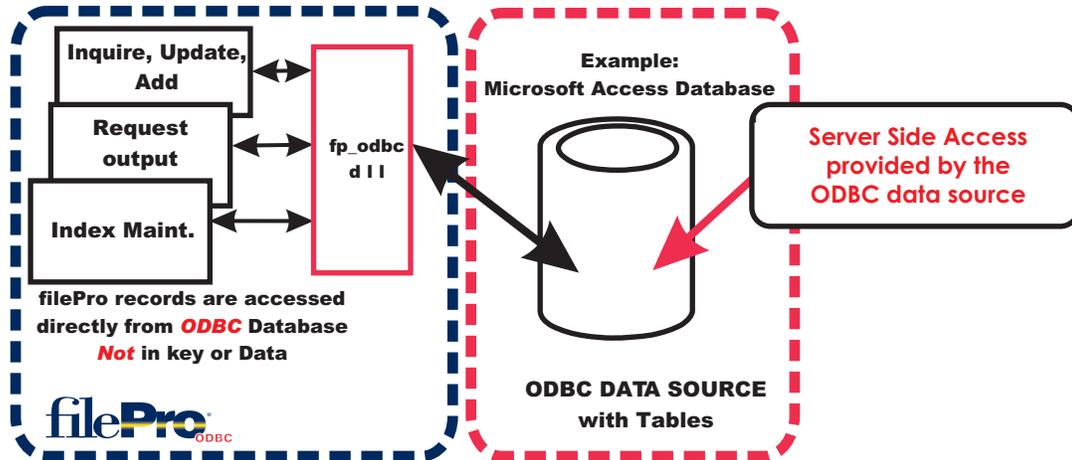
and have fileProODBC pass it to the ODBC datasource that would return a dataset of records that matched the query. fileProODBC then allows you to access each returned record's requested field contents using processing commands such as `odbc recordset GETNEXT`, `GETPREV`, `GETFIRST`, and `GETLAST` in combination with `@odbc.recordset["title"]`, `@odbc.recordset["description"]`, `@odbc.recordset["length"]` commands.

Bob Haussmann, an alpha tester and major contributor to the design of the fileProODBC objects says "fileProODBC's low-level objects have allowed us to both simplify and expand our employee intranet portal. Nightly export/import routines linking different data sources are now a thing of the past. A single filePro processing table can now access, in real-time, four previously disparate data sources to provide employees with up to the minute information. Seamless integration of filePro to any ODBC-compliant data source has created a large number of new opportunities for us."

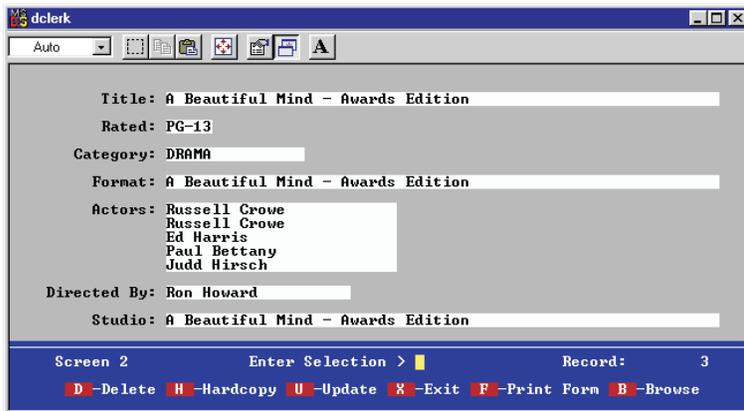


High-Level ODBC Database Access

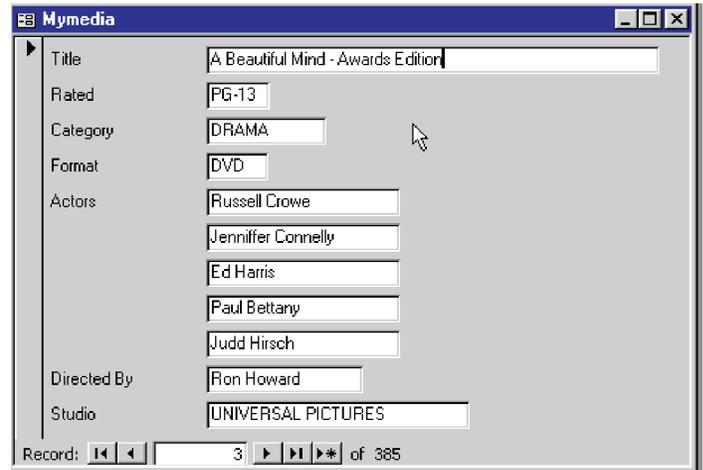
For the entry level and intermediate user, the high-level interface allows you to access the same way you do filePro databases using Inquire, Update, and Add, Request Output, and lookups. This high-level access does not require that you understand ODBC/SQL record access commands. However, it does have some limitations that make this level of access not ideal for every situation.



filePro Inquire, Update, Add



Microsoft Access Form



fileProODBC is available to be installed on an NT-series Windows server or standalone PC (NT/2K/XP/2003.) It can connect to ODBC data sources located on other servers as long as the ODBC data source is available to the Windows server or PC that fileProODBC is located on.

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LABEL

DEFINE PROCESSING

```

1 -----
   If: ` This processing table allows the user to find a Video title from
   Then: end ` an ODBC database called videolib and displays a few fields
2 -----
@once If:
   Then: declare connection(5,.0,g) , recordset(5,.0,g) , myq(200,* ,g)
3 -----
   If:
   Then: declare title(30,*)
4 -----
   If:
   Then: connection=new odbc_connection("driver={Microsoft Access Driver
      (*.mdb)};DBQ=m\www\videolib.mdb;")
5 -----
   If:
   Then: recordset = new odbc(connection)
6 -----
   If:
   Then: end
7 -----
@keyt If:
   Then: ii="0"
8 -----
   If:
   Then: input popup title "Enter video title to find"
9 -----
   If:
   Then: myq="select title, minutes, description from videolib where title like
      \"%{title}%\"
10 -----
   If:
   Then: odbc recordset query myq
11 -----
   If: @odbc.recordset["0"] le "0"
   Then: errorbox "Query failed";end
12 -----
   If:
   Then: ii="1"
13 -----
loop If: @odbc.recordset.EOF gt "0"
   Then: errorbox "Last record displayed";end
14 -----
   If:
   Then: cls ("4","3")
15 -----
   If:
   Then: show("4","1") "Title      "&@odbc.recordset["Title"]
16 -----
   If:
   Then: show("5","1") "Length      "&@odbc.recordset["Minutes"]
17 -----
   If:
   Then: show("6","1") "Description "&@odbc.recordset["Description"]
18 -----
   If:
   Then: xx=waitkey;odbc recordset getnext ; goto loop
19 -----
@KEYI If:
   Then:
20 -----
   If:
   Then: myq="insert into videolib (title, minutes) values ('test',12) "
21 -----
   If:
   Then: odbc_connection connection EXECSQL myq
22 -----
   If:
   Then: end

```

Example of Low-Level ODBC Access using fileProODBC's ODBC object commands

File:Input

- 1 **F8** -Block Func, **F9** -Go To/Find **F5** -To Define A Lookup
- PgUp / PgDn** -Page Up/Down, **F6** -View Fields, **Alt-F9** -Toggle Insert
- F10** For Help, **ESC** To Record, **BREAK** to Cancel.

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