OpenOffice.org

Database Connection for the rest of us.

- Reason for presentation
- Register a database
  - Install driver- myodbc
  - Create and register a database
- Real life example - Drag times

Reasons for presentation

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  2. No way to pay and receive support
  3. Not fully compatible with other office suites
  4. No easy database, like Access

Steps to use MySQL with OpenOffice.org

1. Install MyODBC

   Excellent tutorial available at
   http://www.unixodbc.org/doc/OOoMySQL.pdf

Sample odbcinst.ini

```
[PostgreSQL]
Description     = ODBC for PostgreSQL
Driver          = /usr/lib/libodbcpsql.so
Setup       = /usr/lib/libodbcpsqlS.so
FileUsage = 1

[MySQL]
Description     = ODBC driver for MySQL
Driver          = /usr/lib/libmyodbc.so.2
Setup       = /usr/lib/libodbcmyS.so.1
FileUsage = 1
CPTimeout       =
CPReuse         =
```

Steps to use MySQL with OpenOffice.org

1. Install MyODBC
2. Create database and register as ODBC source

Sample odbc.ini

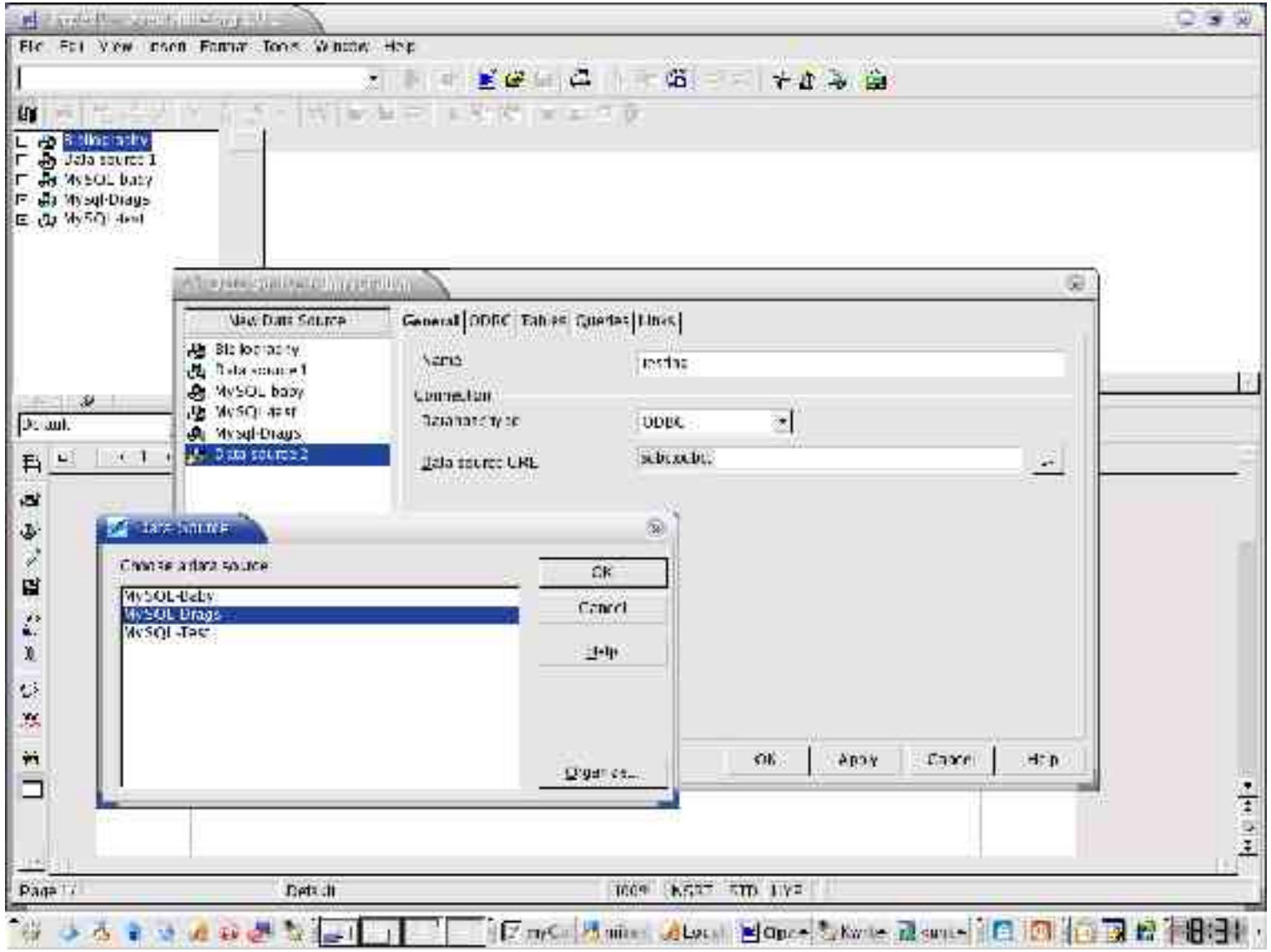
```
[MySQL-Baby]
Description   = Baby database
Driver        = MySQL
Server        = localhost
Database      = baby
Port          = 3306
Socket        =
Option        =
Stmt          =

[MySQL-Drags]
Description   = Drags database
Driver        = MySQL
Server        = localhost
Database      = drags
Port          = 3306
Socket        =
Option        =
Stmt          =
```

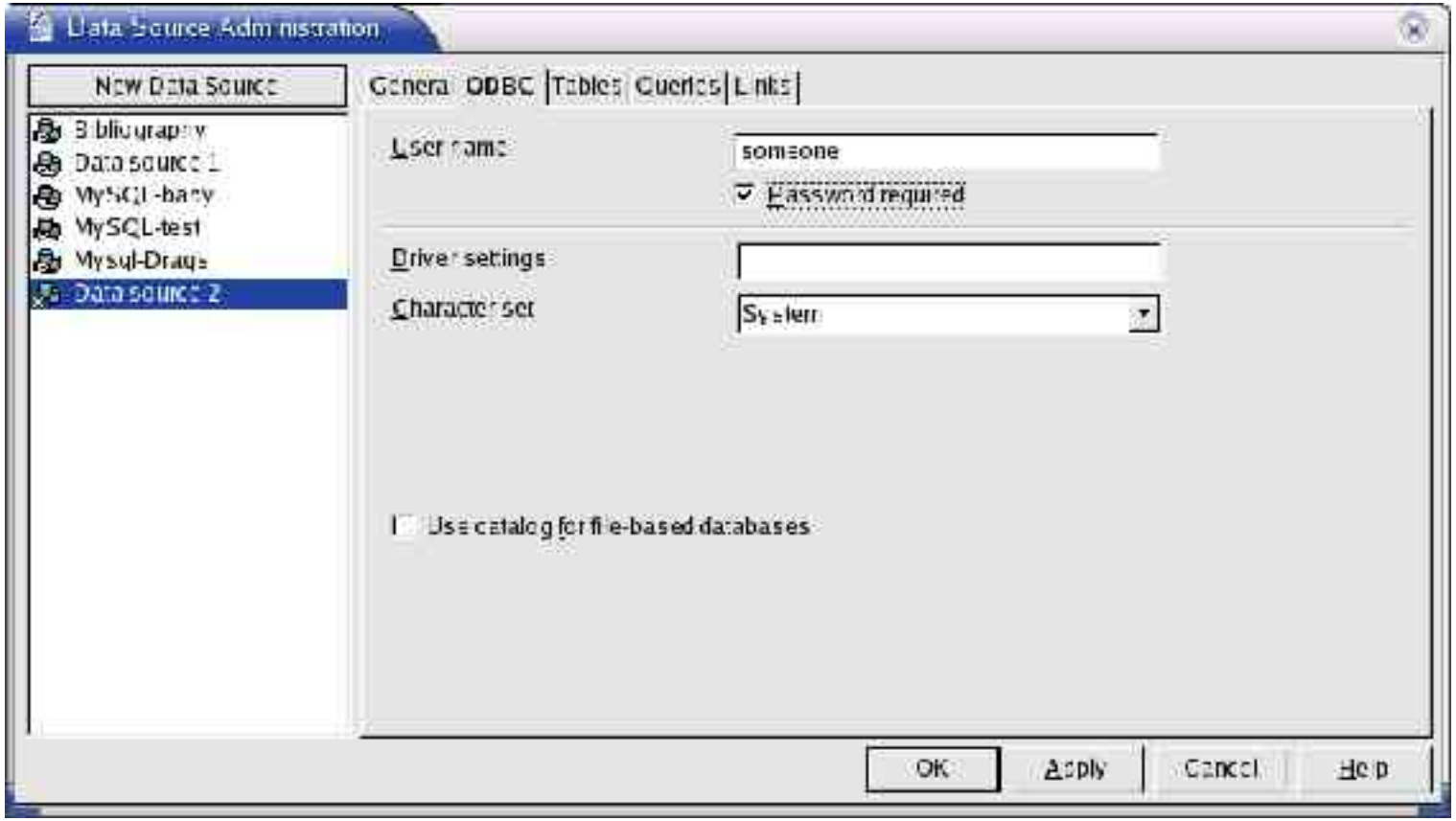
Steps to use MySQL with OpenOffice.org

1. Install MyODBC
2. Create database and register as ODBC source
3. Create datasource in OpenOffice.org

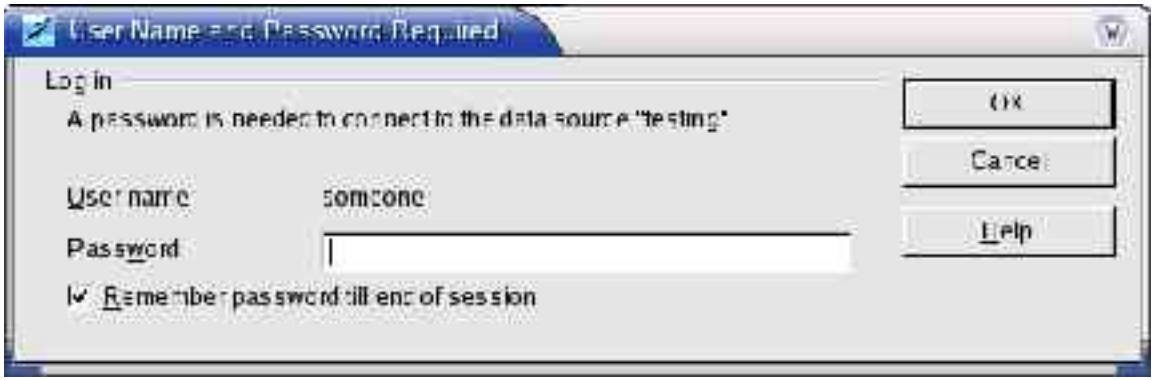
Create datasource



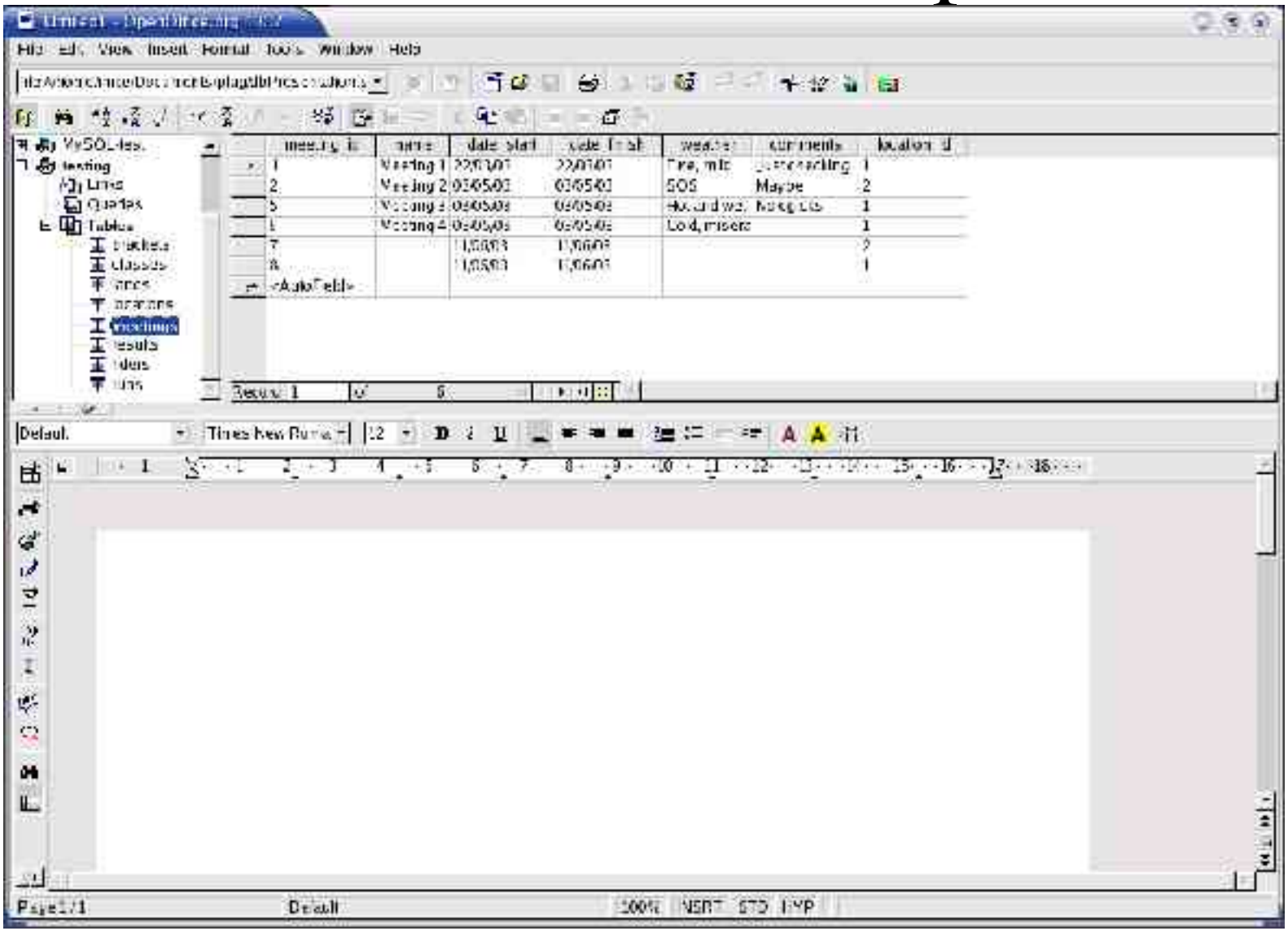
Set User


Data Source Administration
New Data Source
Bibliography
Data source 1
MySQL-barry
MySQL-test
Mysql-Drags
Data source 2
General
ODBC
Tables
Queries
Links
User name:
someone
Password required
Driver settings:
Character set:
System
Use catalog for file-based databases
OK
Apply
Cancel
Help

Connect to database



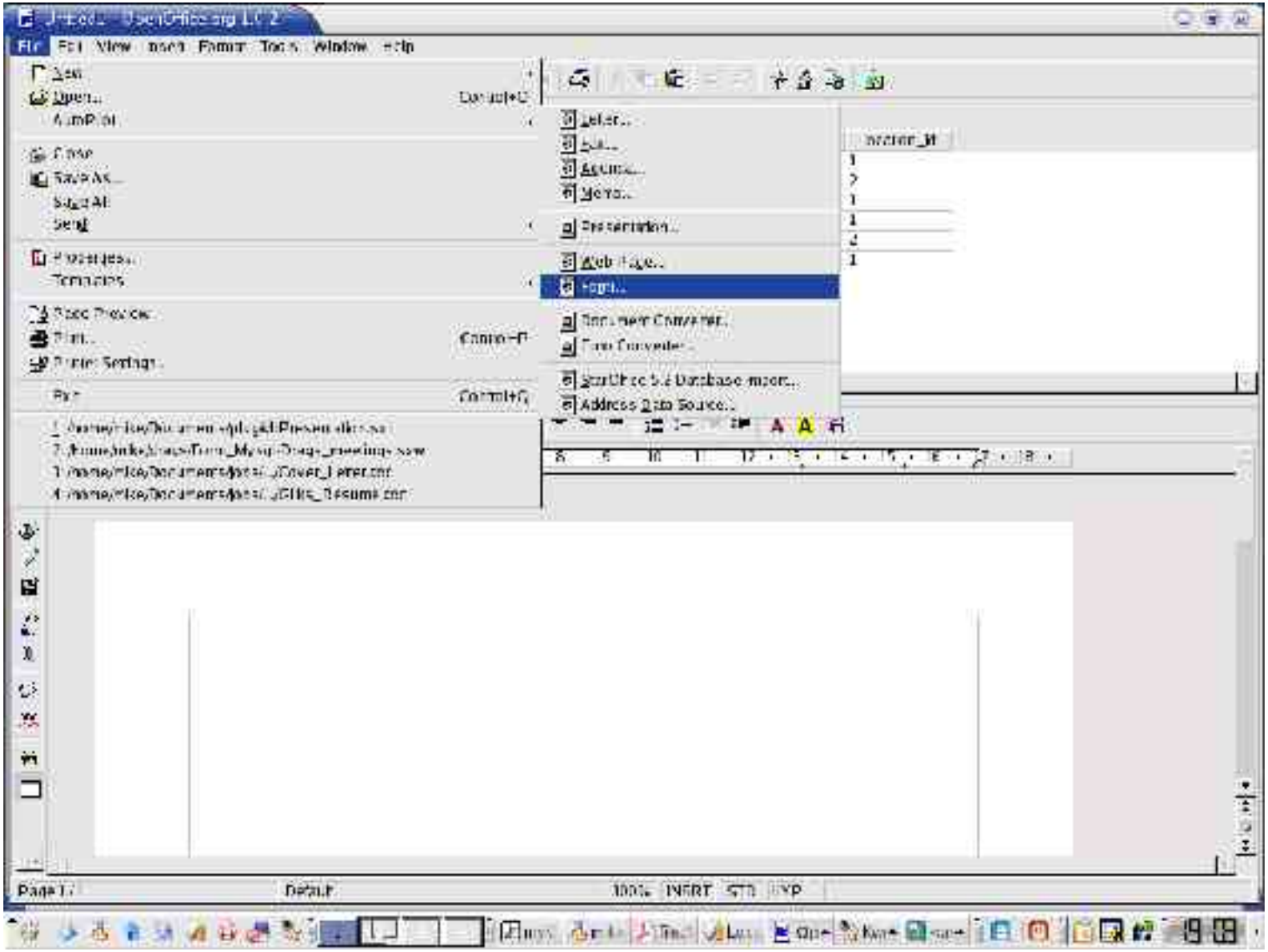
New data source open



Steps to use MySQL with OpenOffice.org

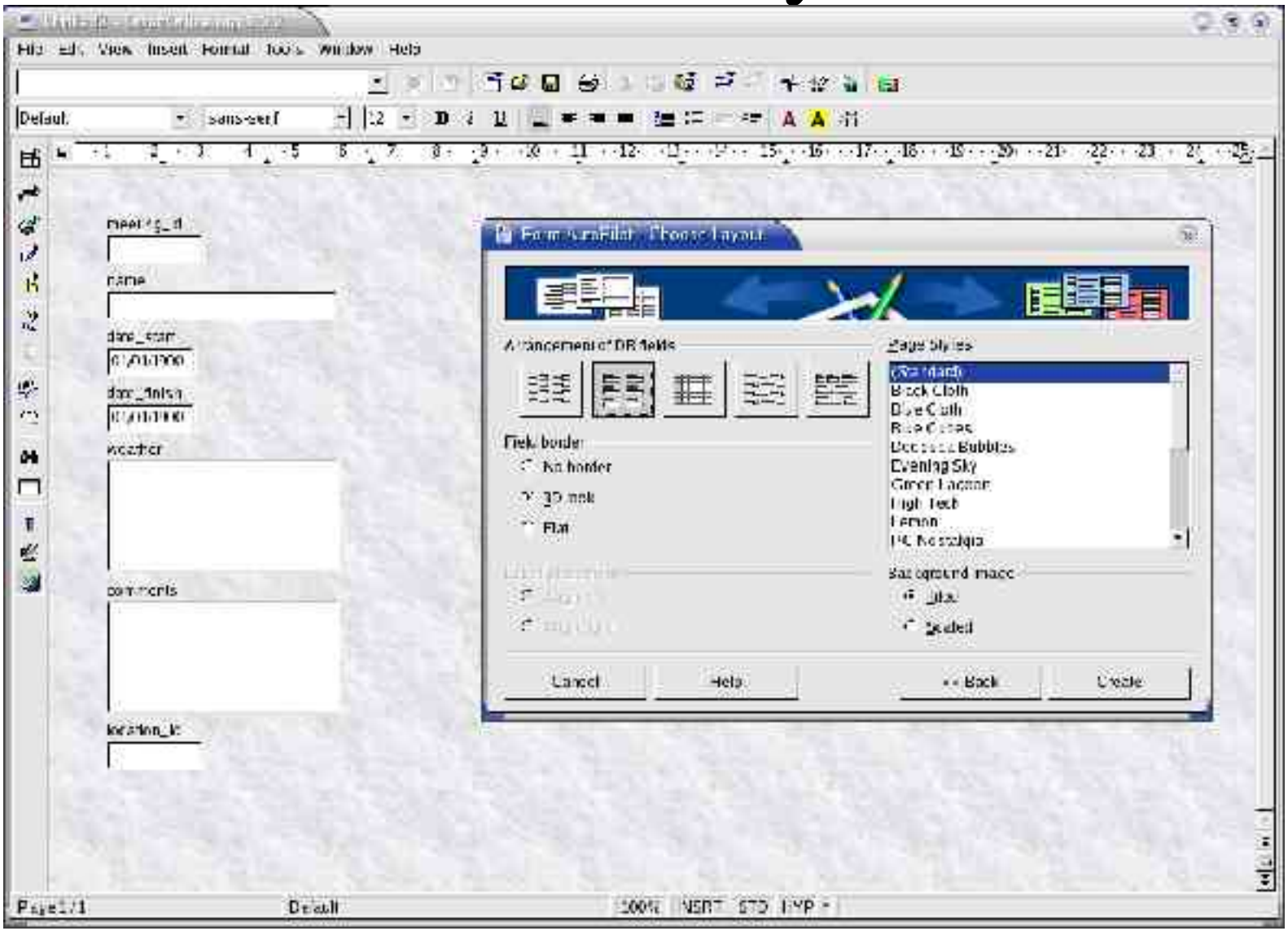
1. Install MyODBC
2. Create database and register as ODBC source
3. Create datasource in OpenOffice.org
4. Create a form

Start a new form

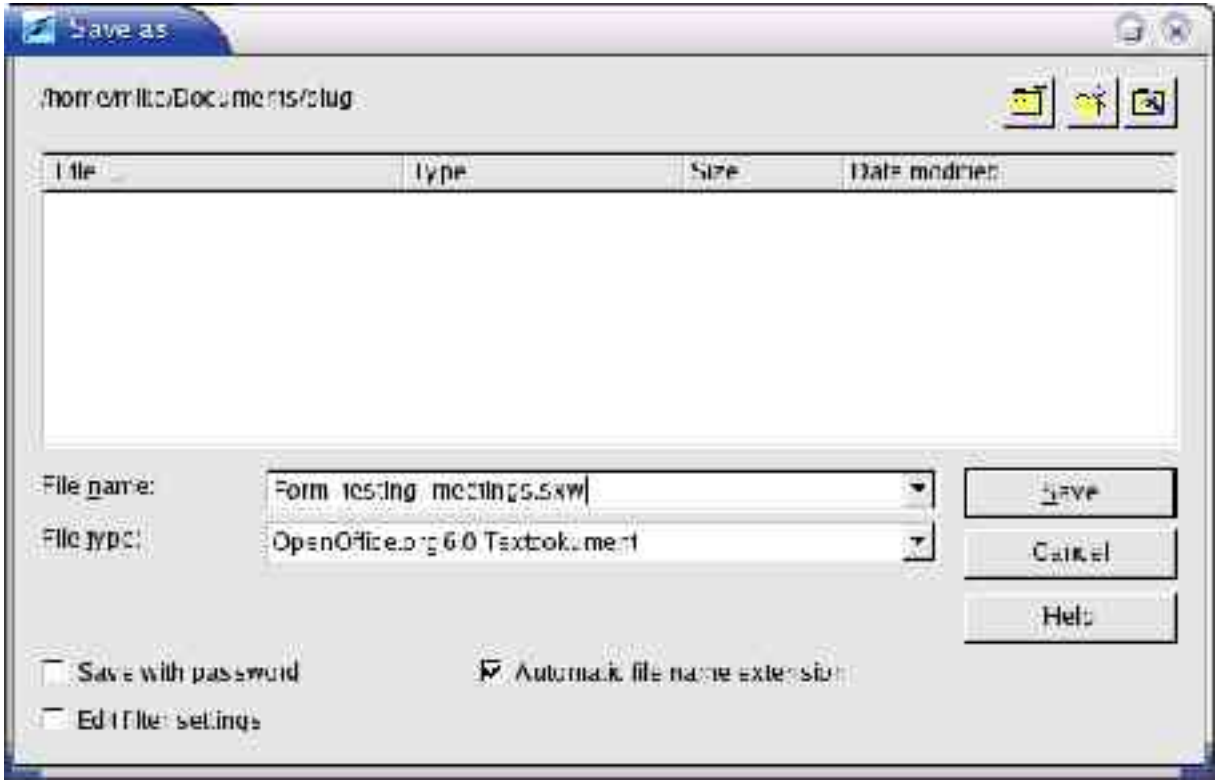


Choose a database and Table

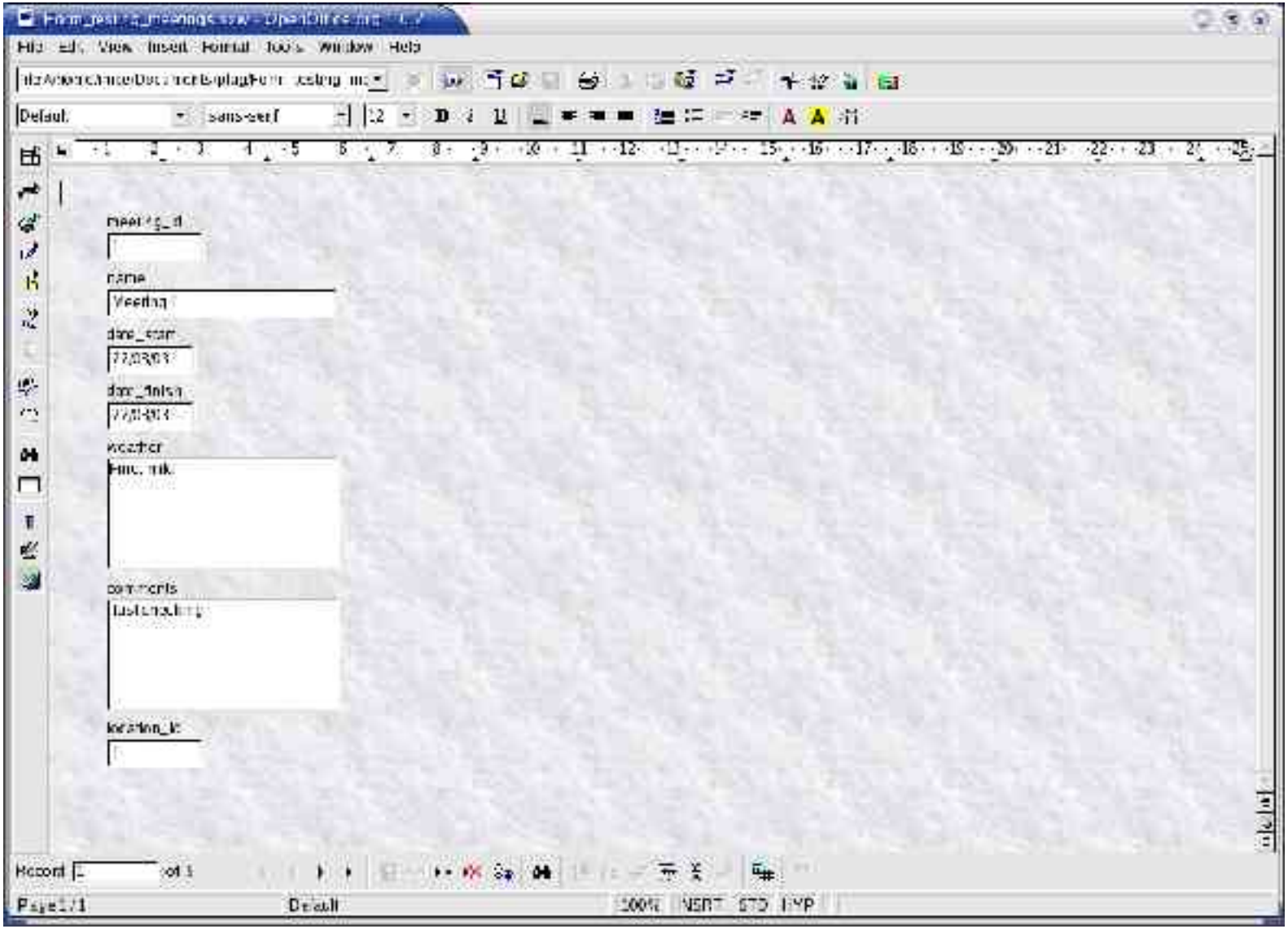
Choose a layout



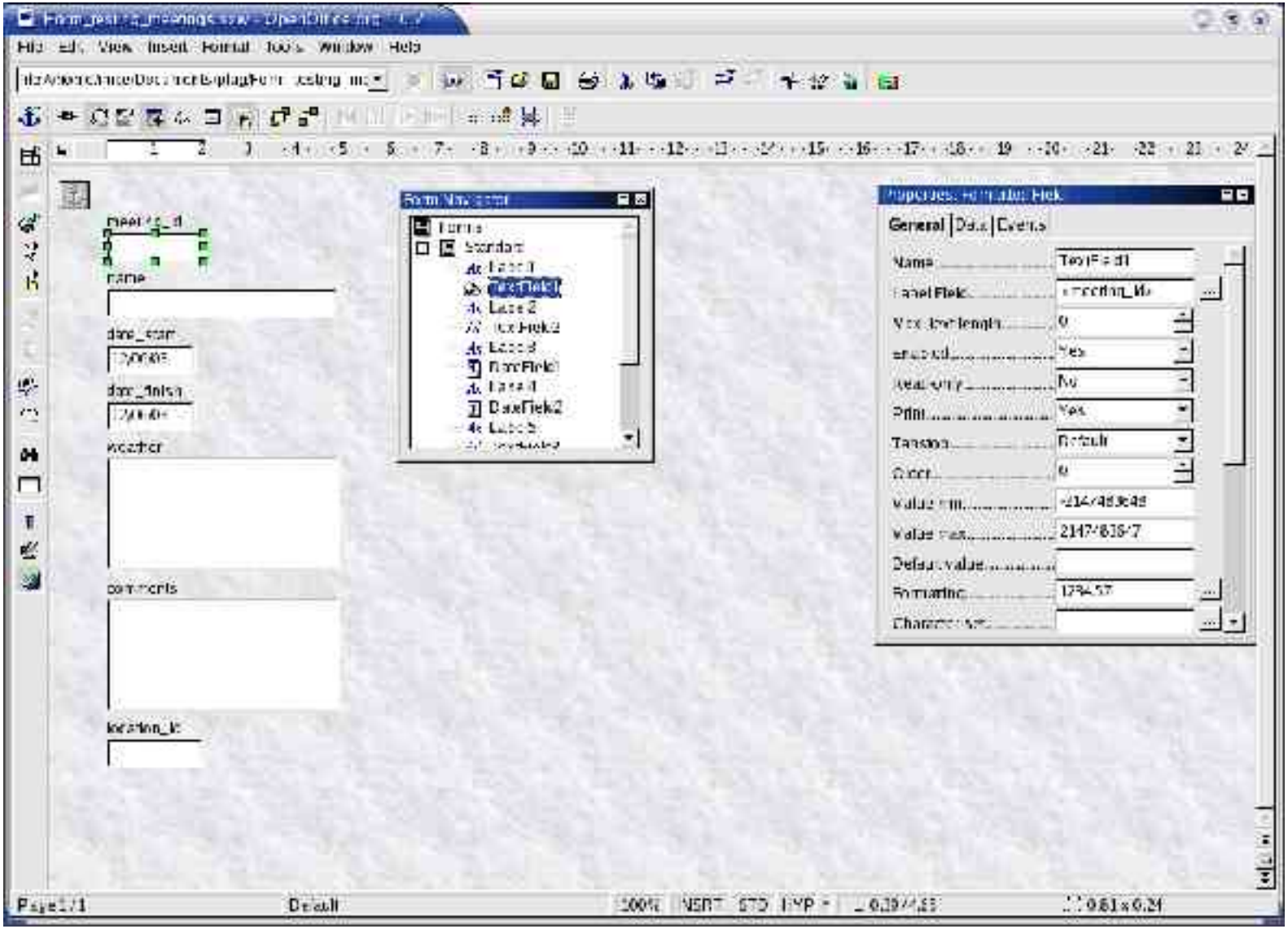
Save the new form



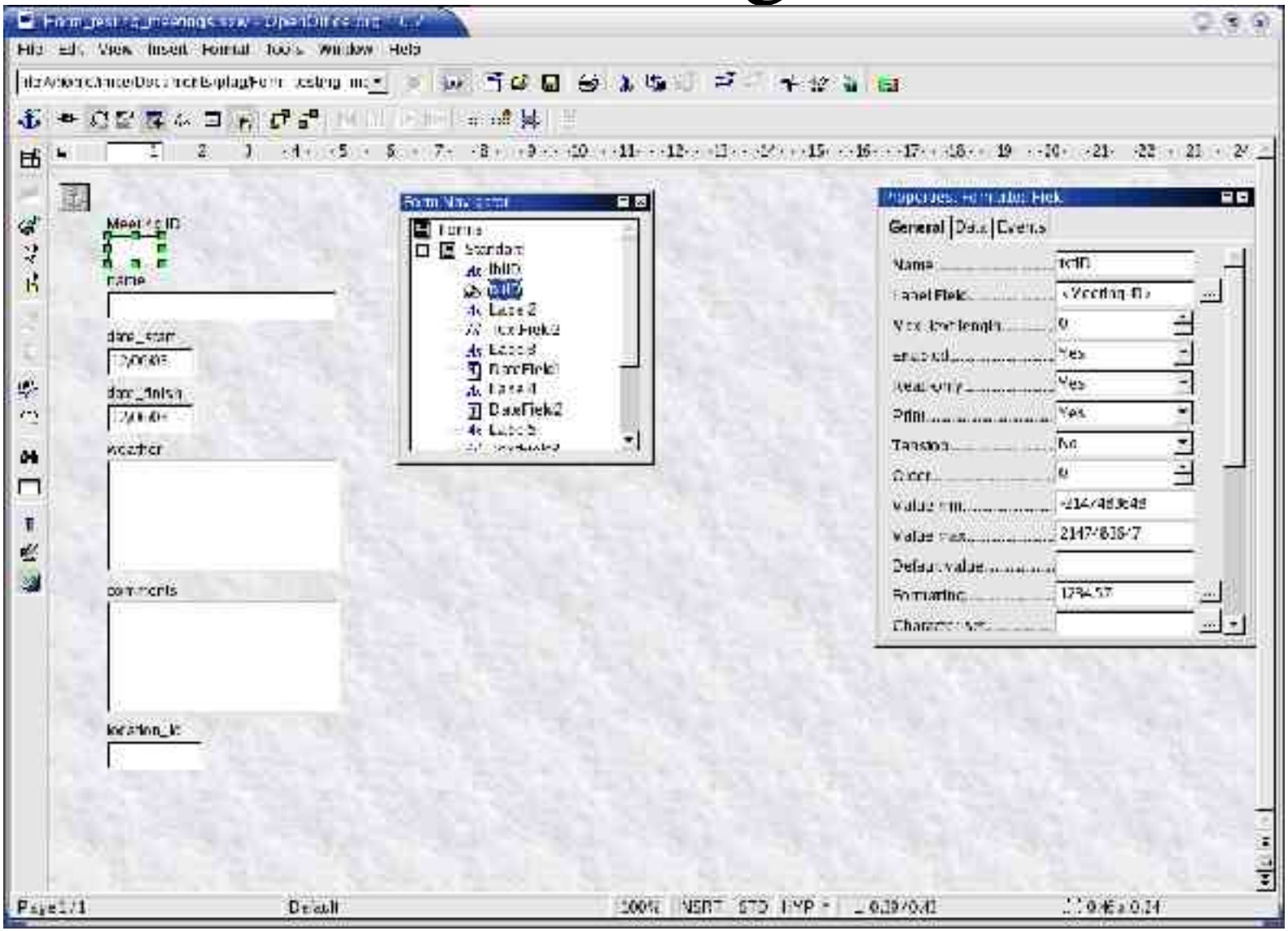
Our new form


File Edit View Insert Format Tools Window Help
Default
sans-serif
name
Meeting
comments
Record
of 1
Page 1 / 1
Default

Edit the form



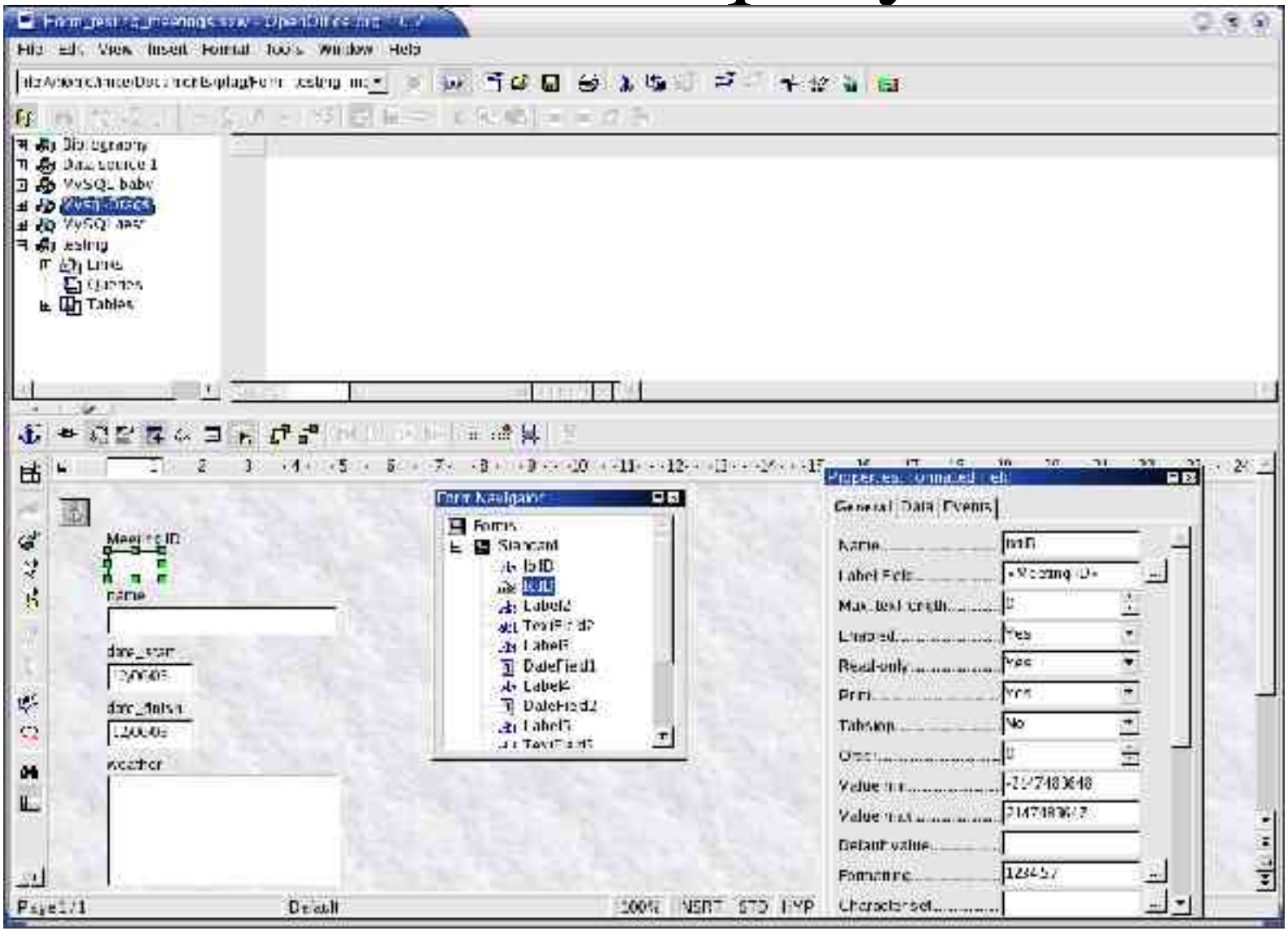
Finished editing ID field



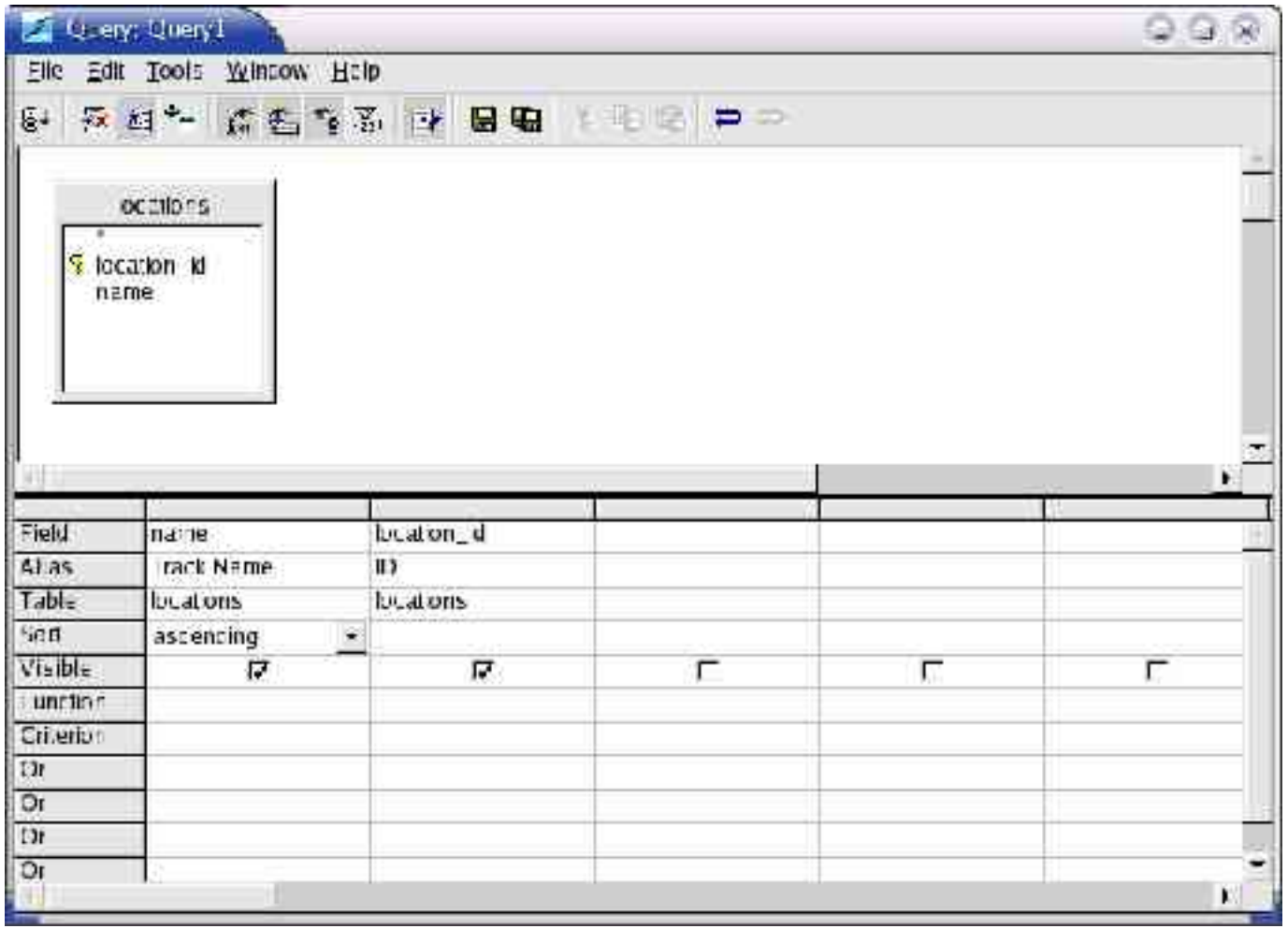
Display Location Name

- Create a query to retrieve name and ID
- Create a list box to show name and link to form
- Hide and disable text box containing Location ID

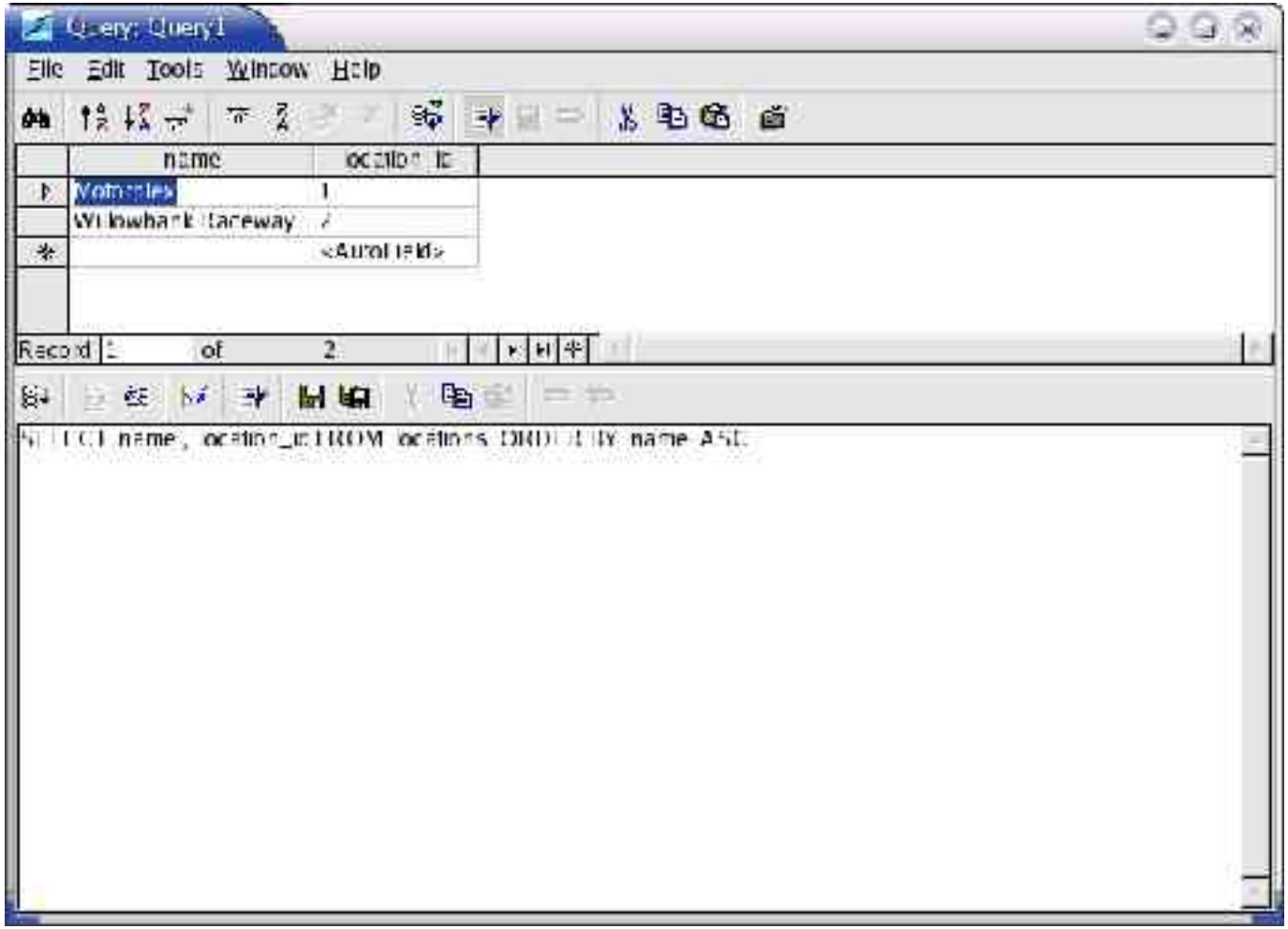
Create a query



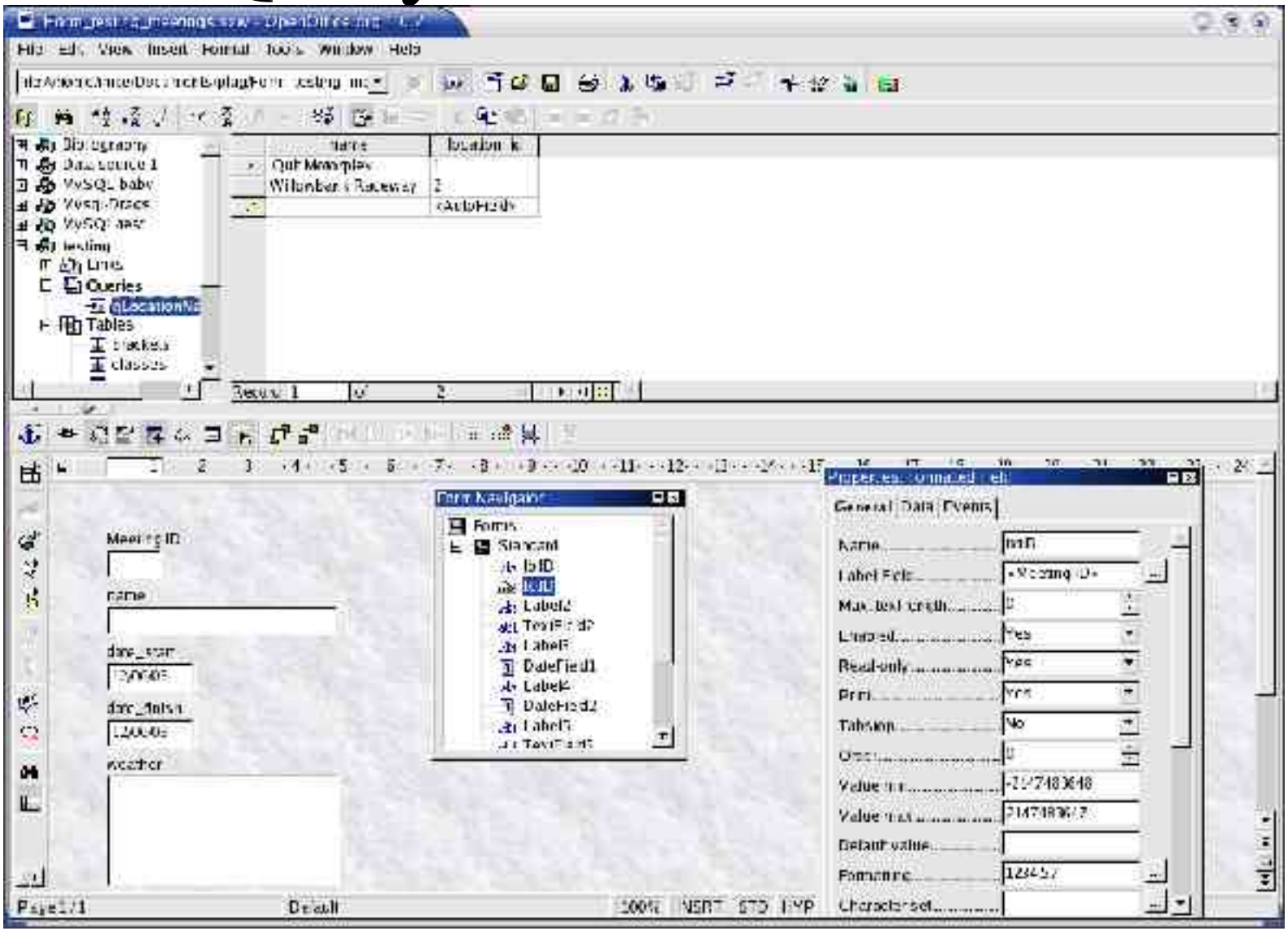
Designing the query



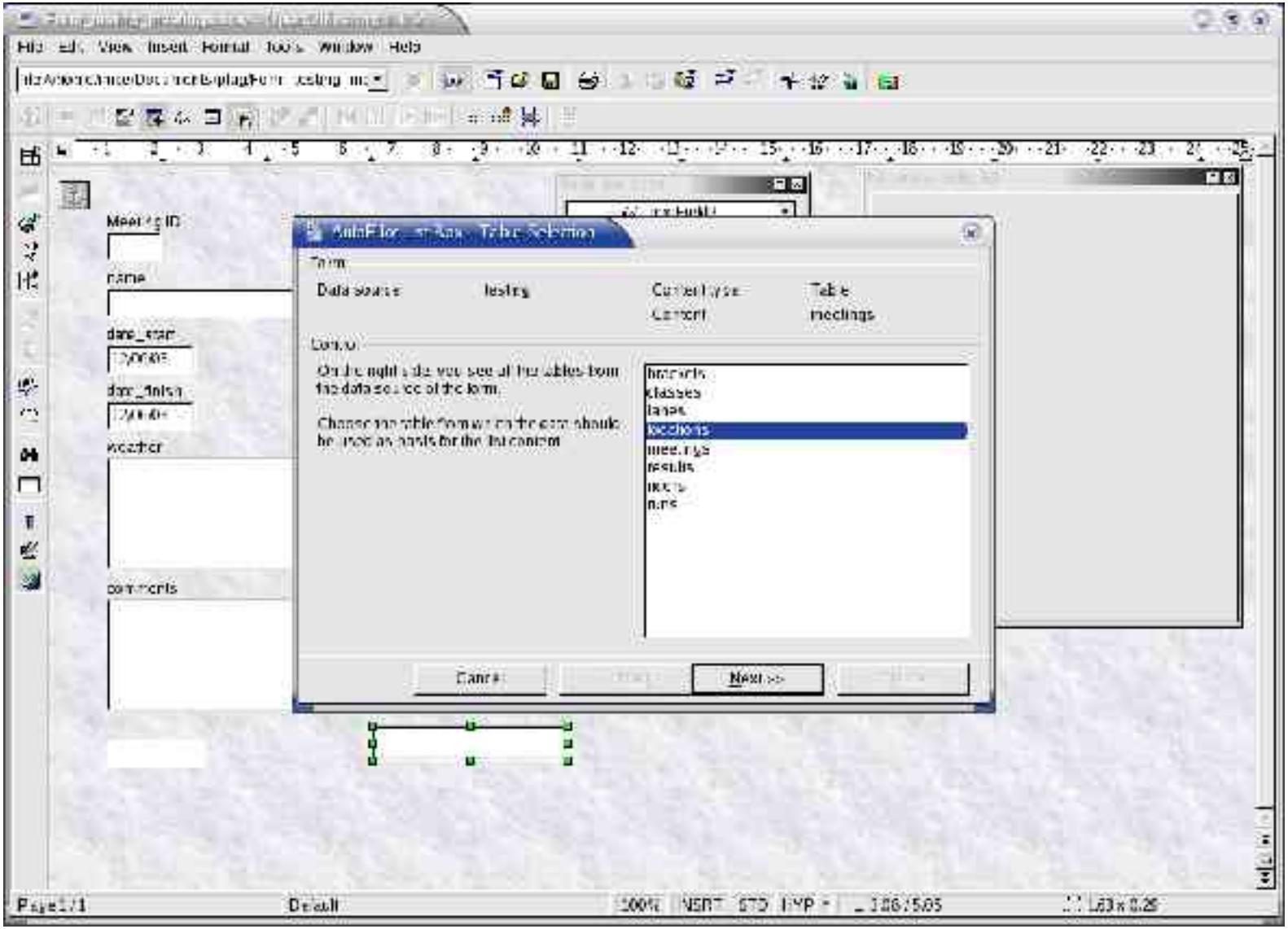
SQL View



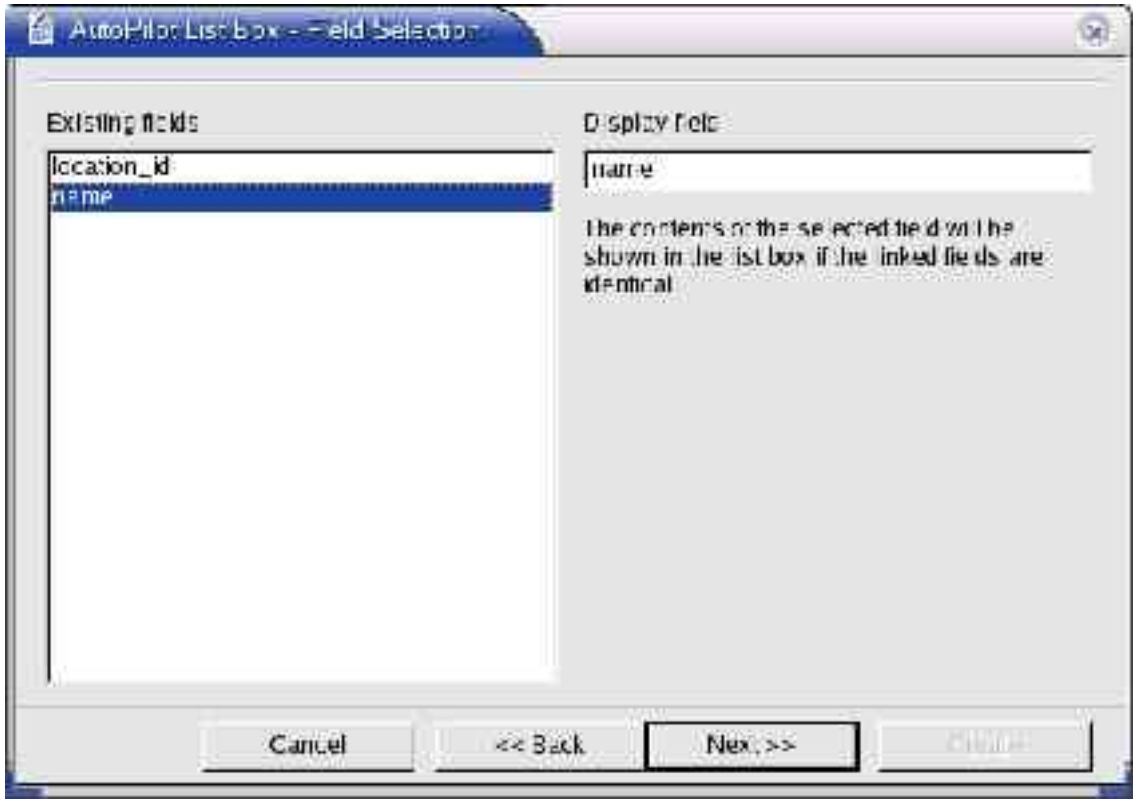
Query in Data Sources



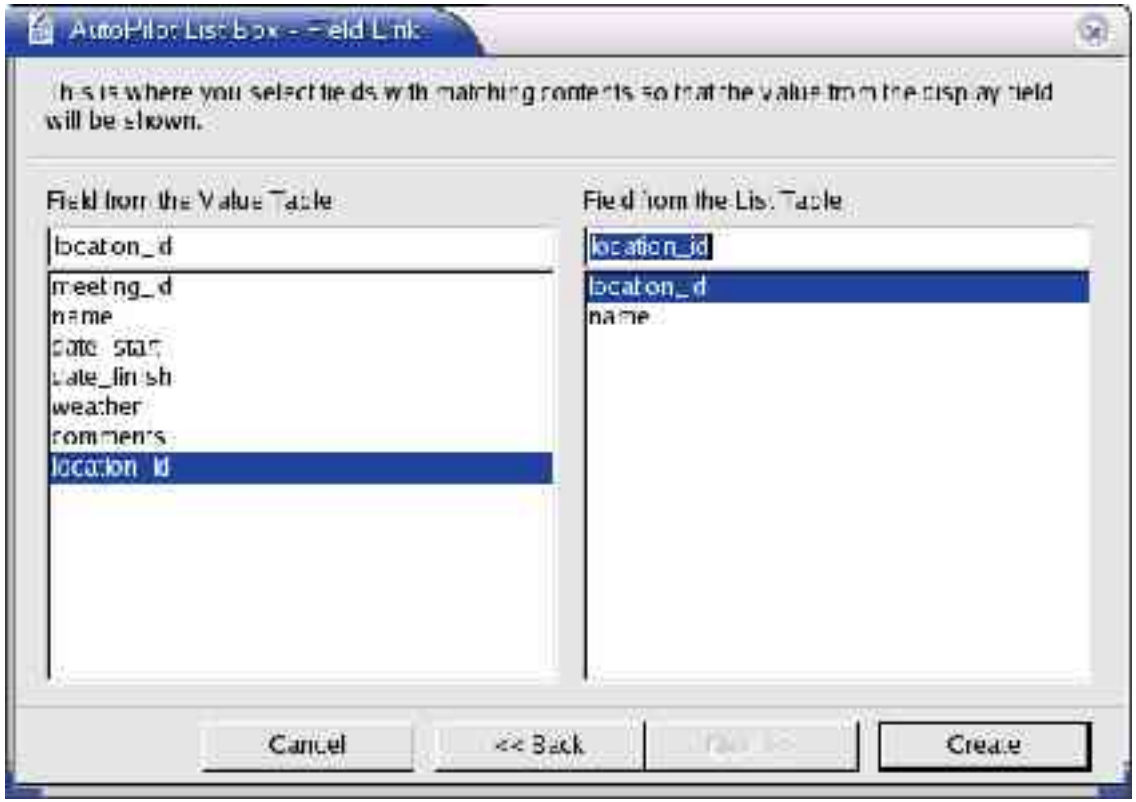
Create the list box



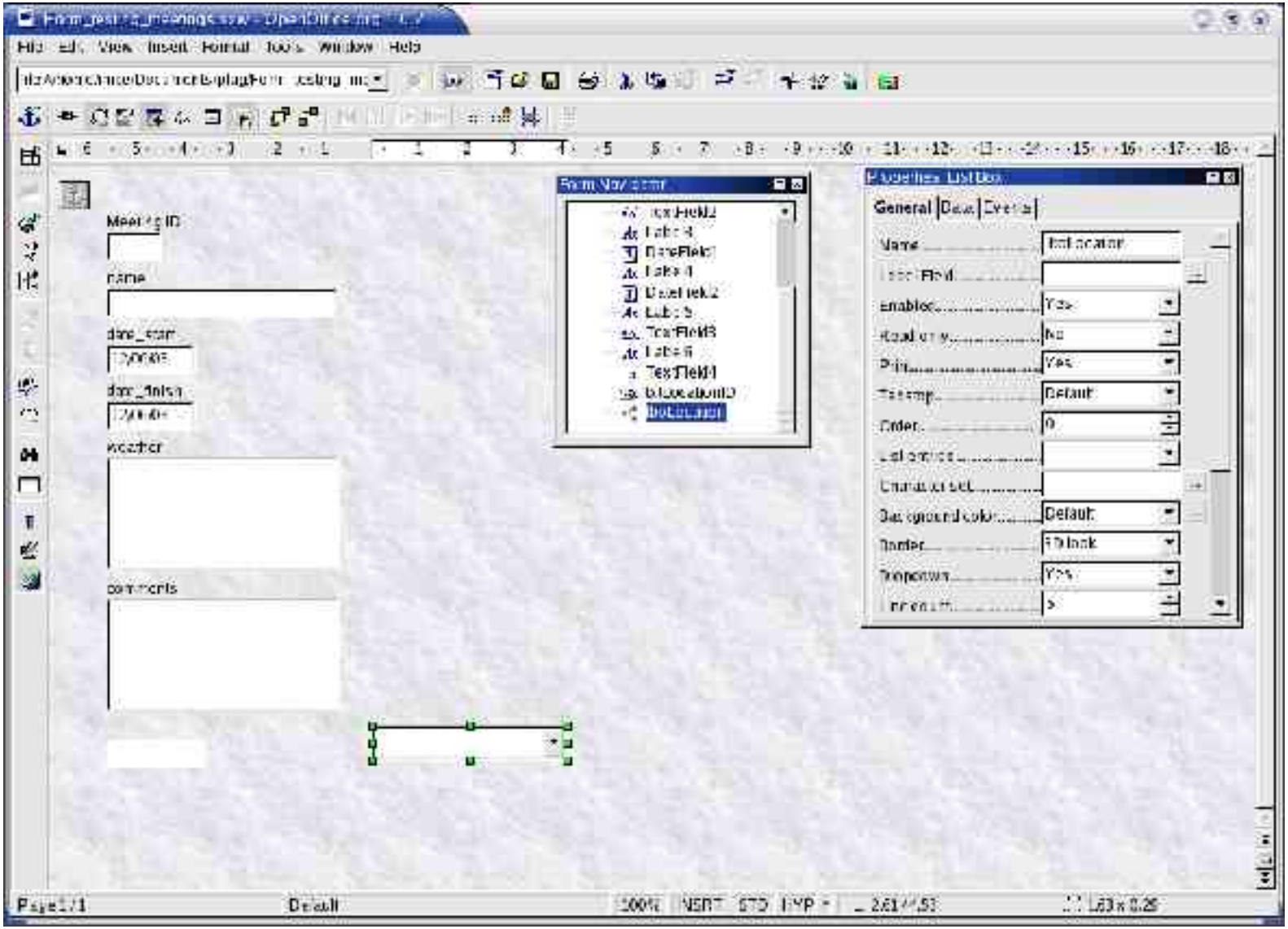
Choose the field to display



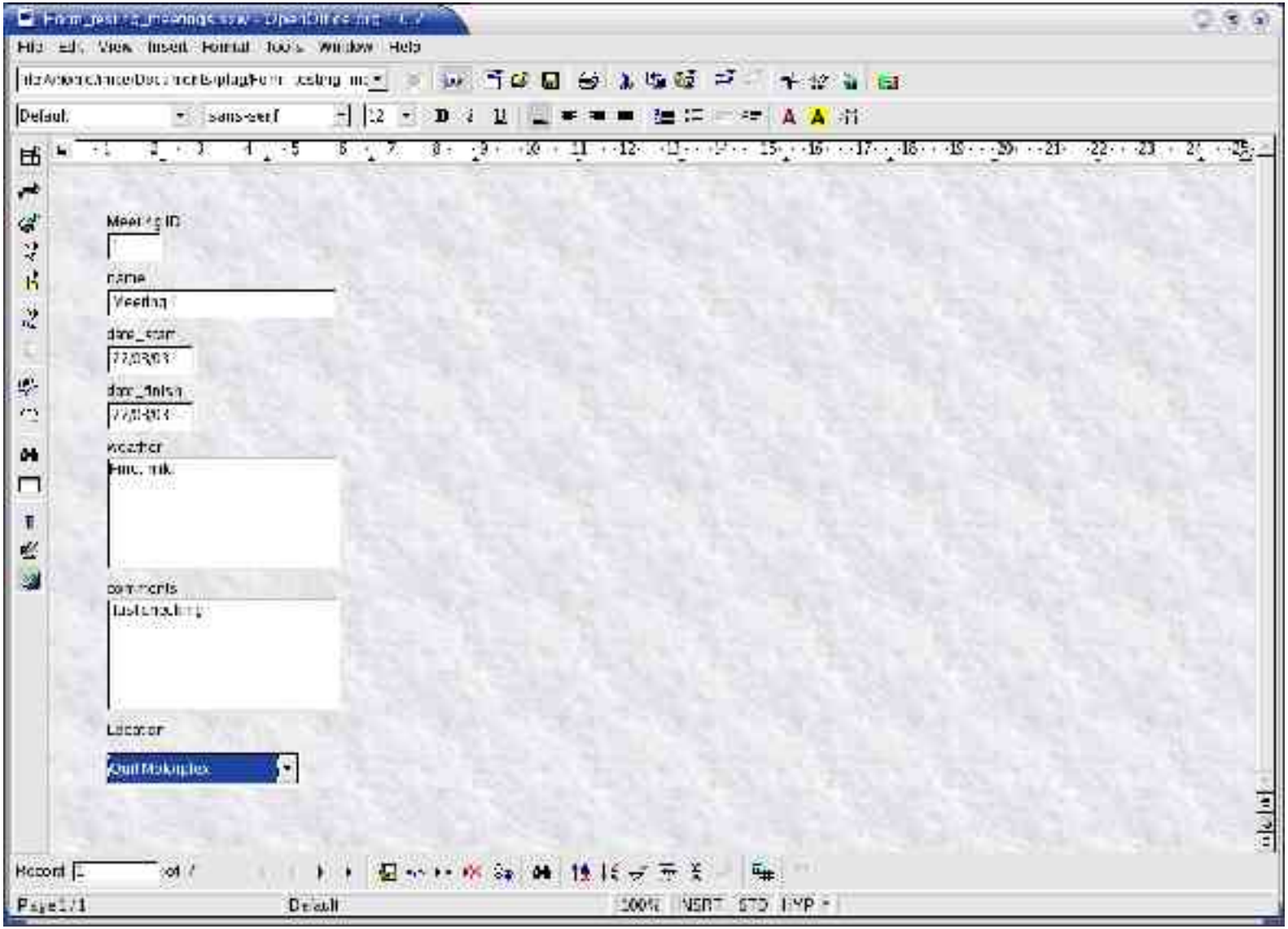
Choose the link fields



Listbox created and renamed



The finished form



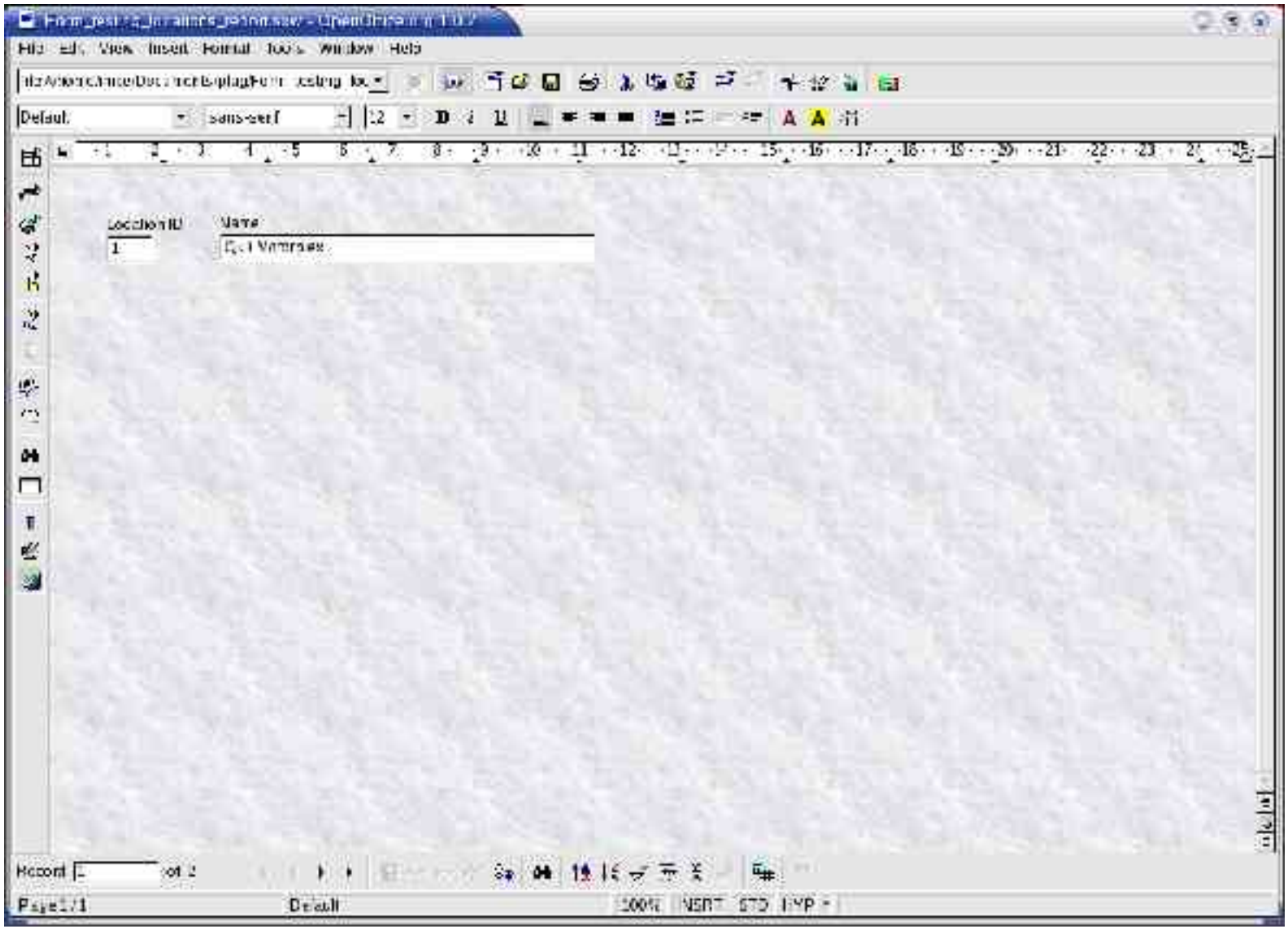
Steps to use MySQL with OpenOffice.org

1. Install MyODBC
2. Create database and register as ODBC source
3. Create datasource in OpenOffice.org
4. Create a form
5. Create a master/child form

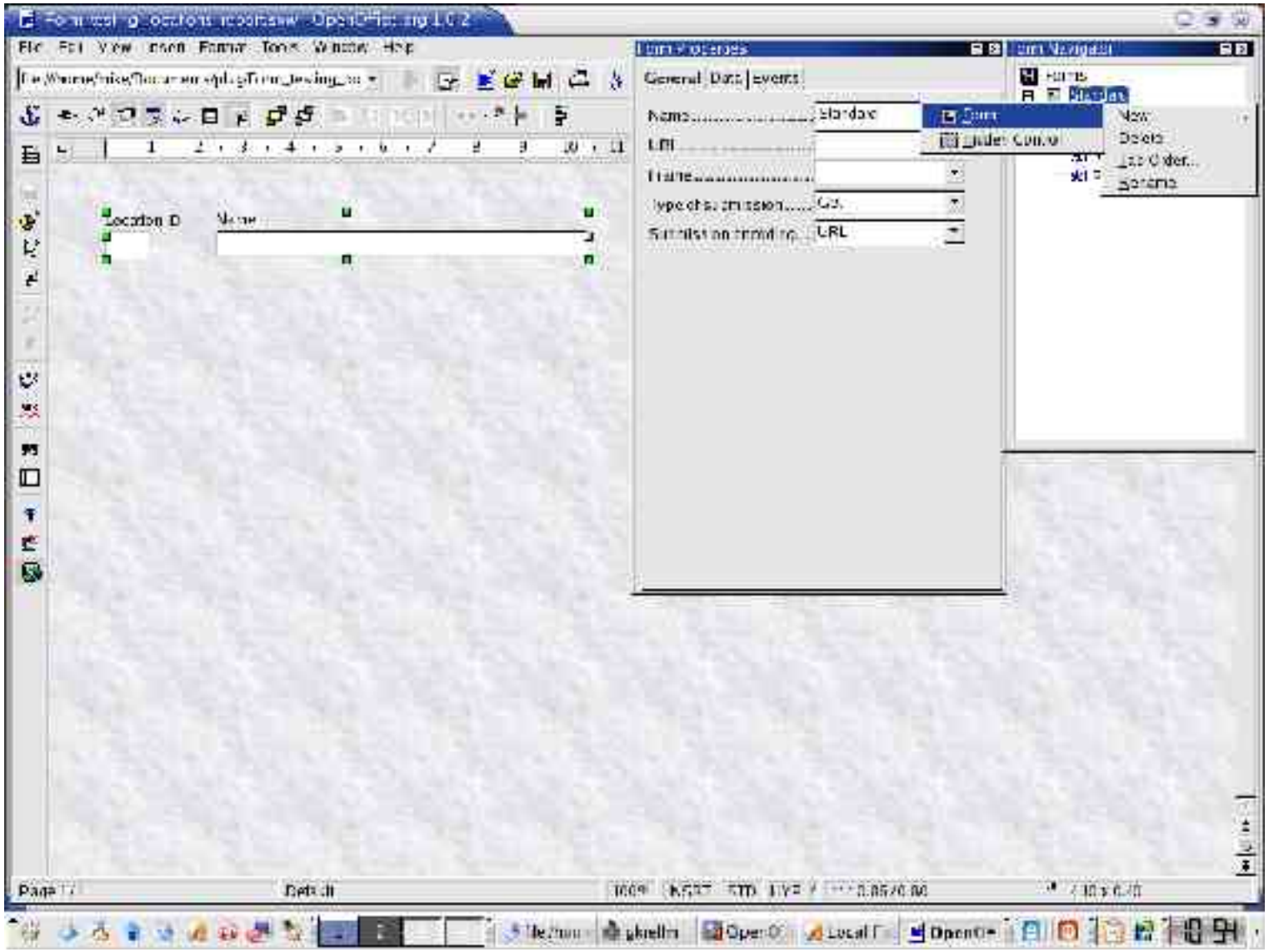
Master/Detail Forms

- Run the macro to enable support for parameter queries
  Detailed instructions available at
  http://documentation.openoffice.org/HOW_TO/index.html
- This link also includes examples of creating a master/detail form

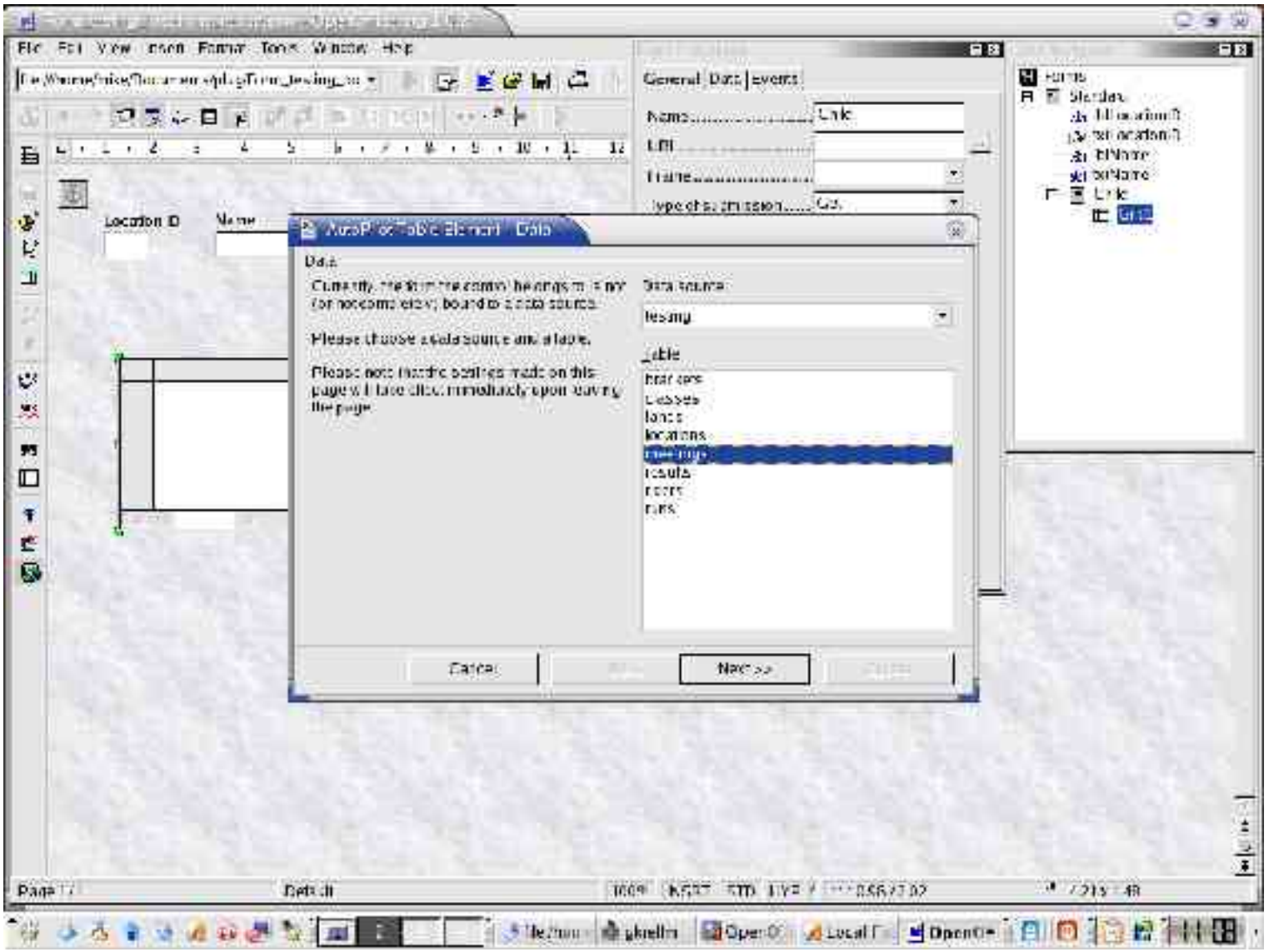
Create the master form



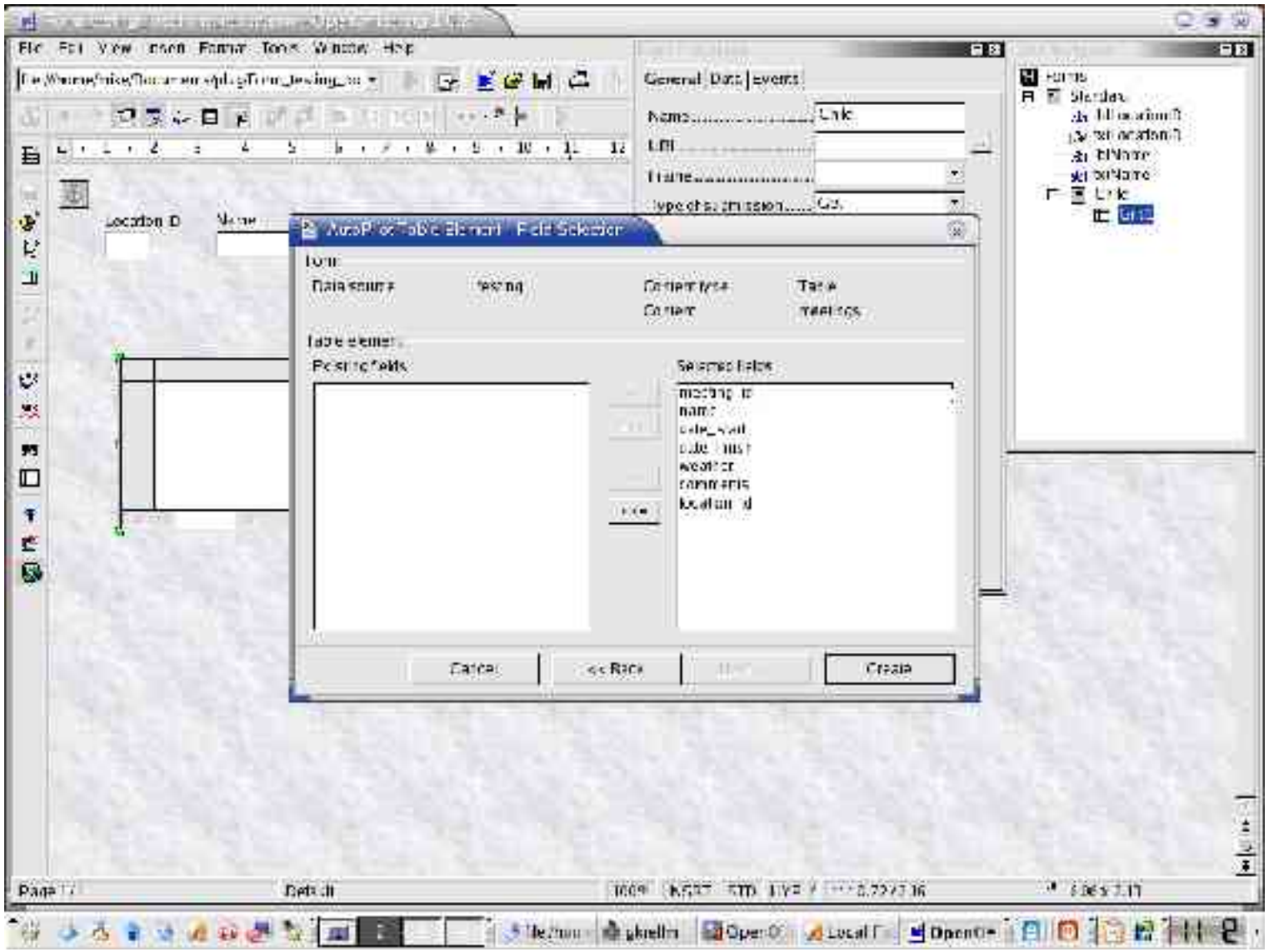
Create the child form



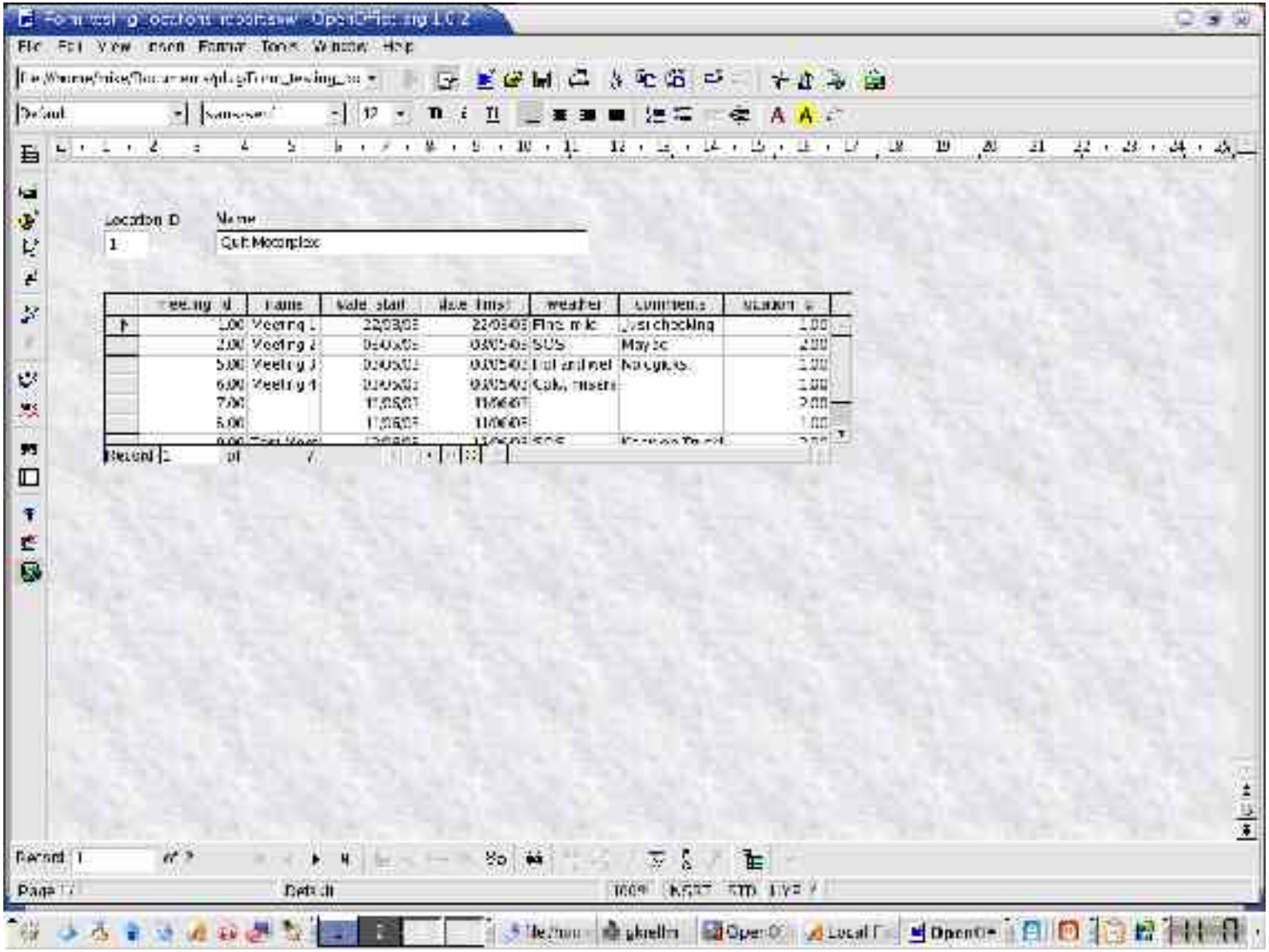
Insert element into child form



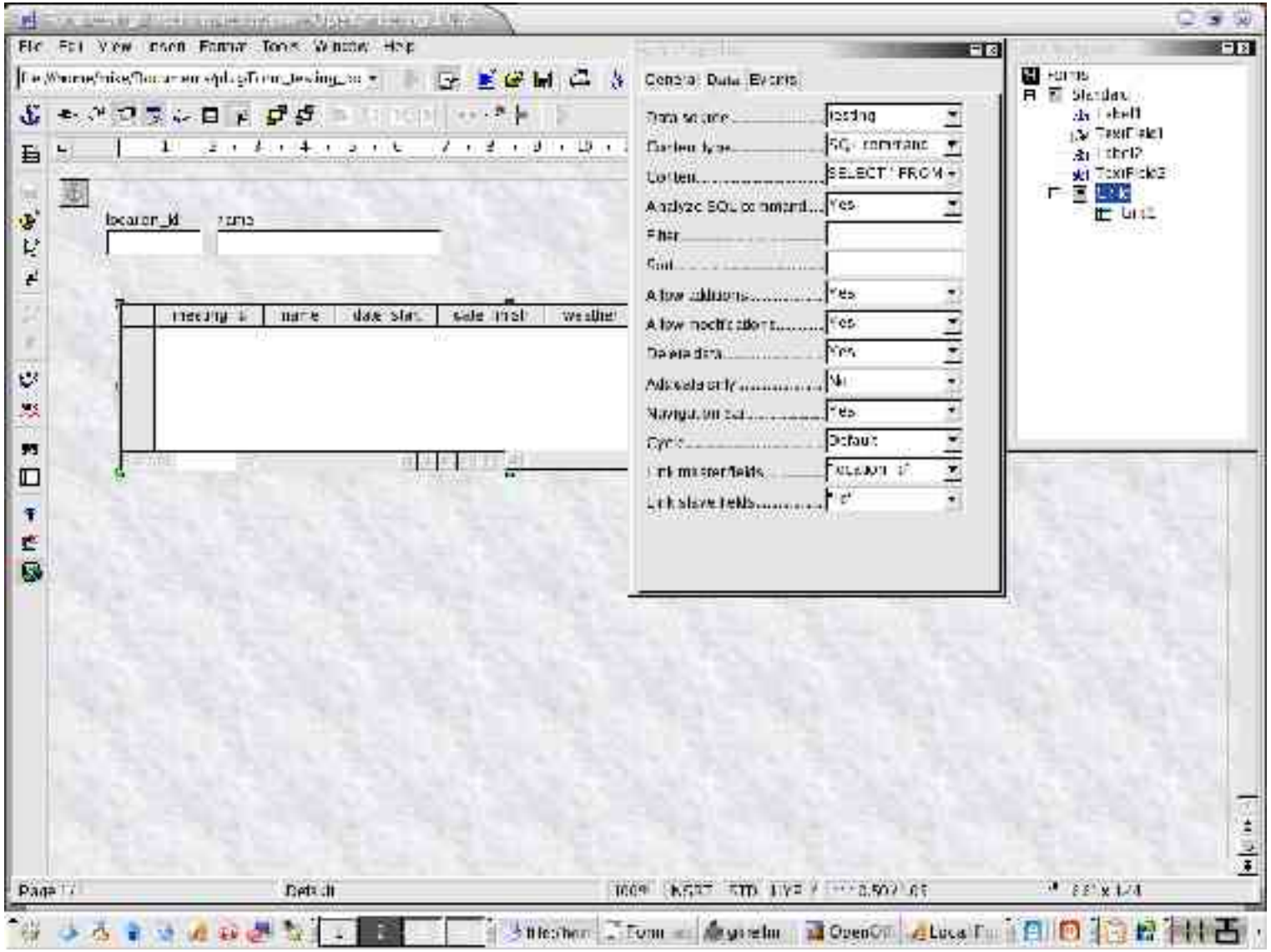
Choose fields



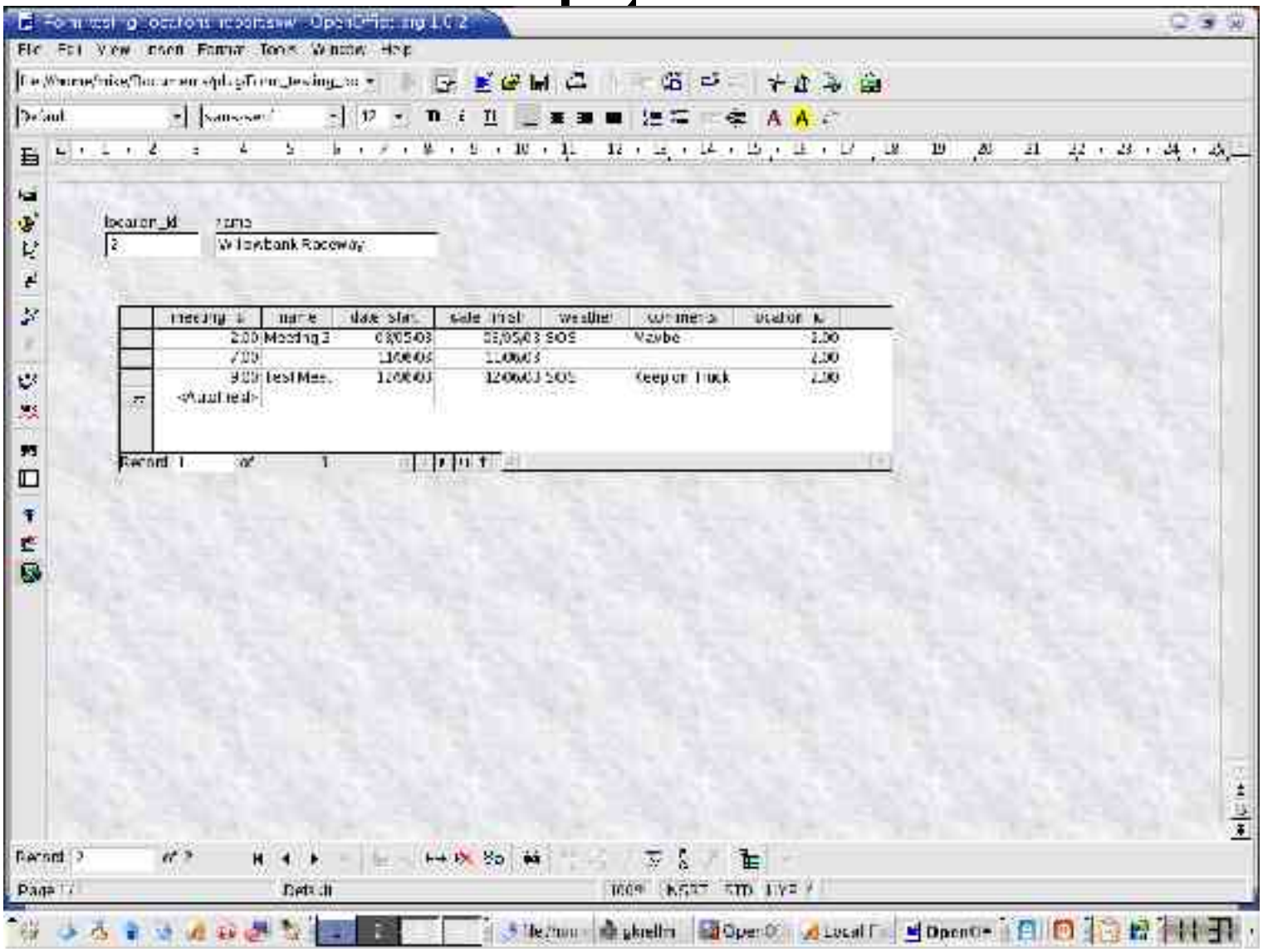
The new form



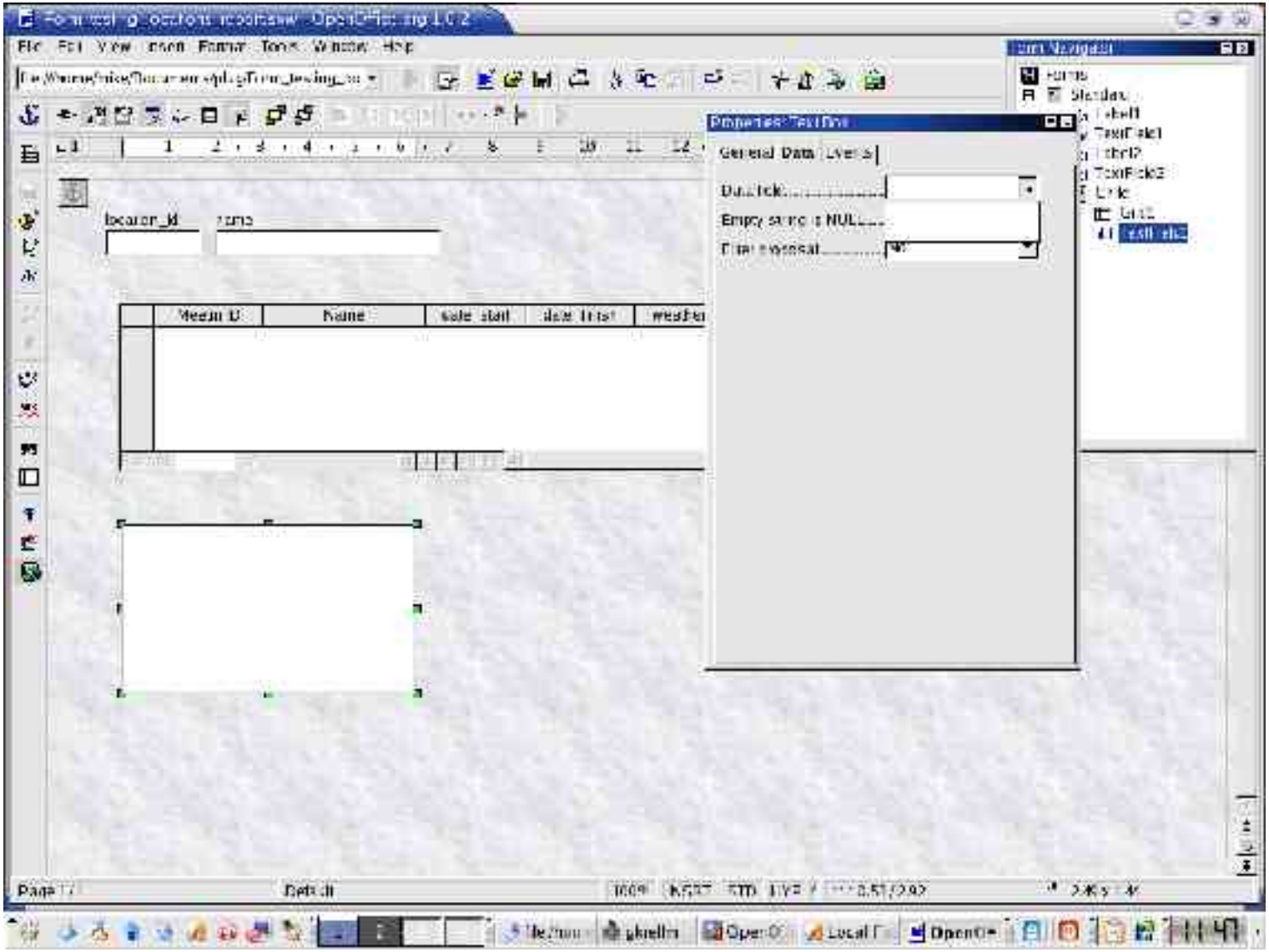
Link the forms



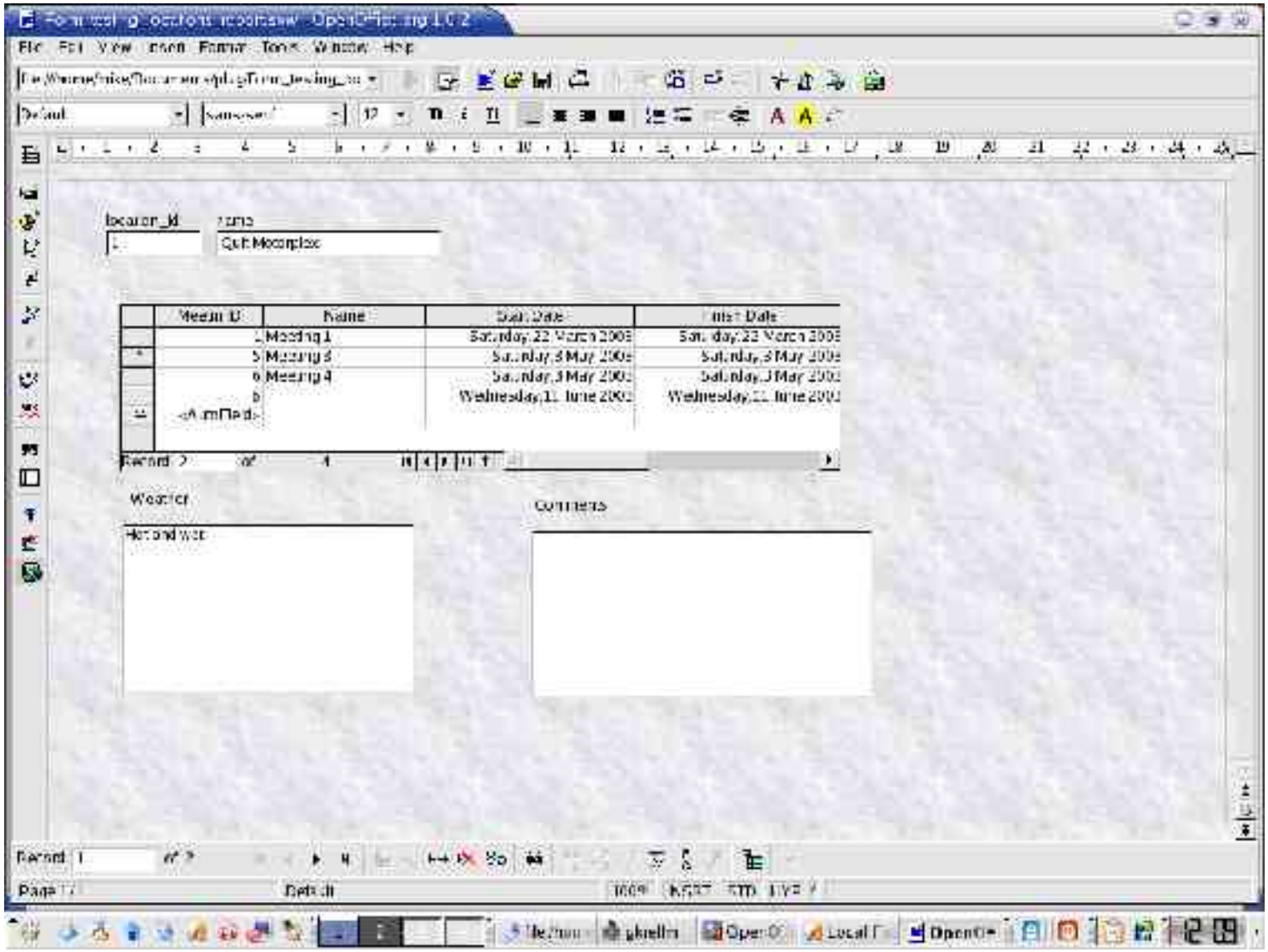
Linked forms displaying selected



Add a text box



The FinalProduct



Future Directions

- The release of OpenOffice.org 1.1 is iminent and with this will come a lot of improvements.
  - Native MySQL driver and improved drivers for other db's may remove need for macro
  - Report wizard – to automate report production
  - Macro recorder which may lift the veil currently covering the macro language
- Various other general upgrades

The End

- This has been a non technical presentation of the sort you may present to users to demonstrate the very basic capabilities of OpenOffice.org
- There are many other elements which may be added to these forms
  - Explore the possibilities
  - Use the macro language (new stuff to learn)
- Remember Windows can do almost as much as Linux