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Database Query window ......................................................... 4-19
Add a query ................................................................. 4-19
Select/deselect one or more fields ........................................... 4-20
Modify the order of fields selected .......................................... 4-20
Create a filter using predefined data ......................................... 4-21
Apply a logical operator to several filters ................................. 4-24
Sort the list of filters ....................................................... 4-24
Remove a filter ................................................................ 4-25
Modify a filter in SQL ....................................................... 4-25
Choose an existing query in a database .................................... 4-26

**Chapter 5: Printing** ......................................................... 5-27

The Print window ............................................................. 5-27
Display options ............................................................... 5-28
Preview the document .......................................................... 5-28
Display the label design software ........................................... 5-28
Select a document to be printed ............................................. 5-28
  - Create a new label template for printing .......................... 5-28
  - Select an existing label template .................................. 5-29
Select a printer .................................................................. 5-29
Configure the selected printer ............................................... 5-29
Select records to be printed ................................................ 5-30
  - Selecting records manually ......................................... 5-30
  - Selecting records automatically .................................. 5-31
Configure the print media .................................................... 5-31
Display the selected printer’s properties .................................. 5-32
Define the number of printed pages according to a field .......... 5-32
Launch printing .................................................................. 5-33
  - Launch printing manually each time ............................... 5-33
Update variable with database .............................................. 5-33
  - Merge Database attached to document ......................... 5-33
  - Allow the database to be edited ................................. 5-34
Stop printing ..................................................................... 5-34
Refresh database view ....................................................... 5-34
Close a document ............................................................ 5-34

**Chapter 6: Index** ............................................................. 6-35
CHAPTER 1

Connecting to Database Files

Database Connections window

The Database Connections window is used to connect the software to the various database files that are to be used.
Connect the Database Manager module to the database

Database Manager must be open in the Database Connections window.

You can connect the Database Manager module to an existing database or a new one.

To create a new database to connect to the Database Manager module:

1. Go to File > Create new database.
2. Select dBase or Access database from the submenu.

A Save as dialog box will open, allowing you to specify a name and location for the database file, and then click Save.

The new database connection will be displayed in the Database Connections window.

To connect an existing database to the Database Manager module:

1. Go to File > Open.

A File selection dialog box will open allowing you to browse to and select the database of your choice.

You can only select the following database types:

- Access (*.mdb)
- Excel (*.xls)
- Dbase(*.dbf)

Note
A wizard is available to help you connect the software to the most frequently used databases. Choose the
format option that matches your database format. If the format required is not available, do the following:

1 Click **Add**.

2 Select a database type from the list.
   - or -
   Select **Others**.

3 Click **Connection Setup**.

4 Click the **Provider tab** on the dialog box.

5 Select the required provider.
6 Click Next.

**Note**
The choice of provider changes according to the system’s type of database.

7 Click the Browse button.

8 Select a file.

9 Click Open.
10 Click OK.

11 Click Next.

12 Enter a name for the connection.

13 Click Finish.
Note
You can repeat this procedure as often as necessary to obtain the required number of connections.

Modify the database connection parameters

Database Manager must be open in the Database Connections window. The required connection must be selected.

1 Click Edit.

2 Make the required changes.

Remove a connection

Database Manager must be open in the Database Connections window. The required connection must be selected.

1 Click Remove.
The **Database Structure** window is used to manage the
structure of the database file. From this window, you can add, modify, or delete tables and fields.

Choose a database from the list of connections

Database Manager must be open in the Database Structure window.

1. Click the Database drop-down list.
2. Click the required data.

Choose a table in a database

Database Manager must be open in the Database Structure window.

1. Click the Table drop-down list.
2. Click the required data.

Add a table to the active database

Database Manager must be open in the Database Structure window.

1. Click Add table.
2 Enter the name of the new table.

3 Click OK.

You can also copy the structure of the table from a table that already exists in the selected database. To do so:

1 Select the **Duplicate with** option.

2 Click the drop-down list.

3 Click the required data.

4 Click **OK**.

---

**Delete a table in the active database**

Database Manager must be open in the **Database Structure** window.

1 Click the **Table** drop-down list.

2 Click the required data.
3 Click **Delete table**.

**View/hide active table’s data**

Database Manager must be open in the **Database Structure** window.

To review the active table's data, click **View data**.

**Define a key field**

Database Manager must be **open** in the **Database Structure** window.

1 Select the checkbox next to the required field.

2 Click **Apply**.

**Define a field’s type of content**

Database Manager must be open in the **Database Structure** window.

1 Click the required field in the **Type** column.

2 Click the drop-down list button.

3 Click the required data.
Define a field’s maximum size

Database Manager must be open in the **Database Structure** window.

1 Click the required field in the **Length** column.

2 Enter the required value.

3 Click **Apply**.

Allow an empty field

Database Manager must be open in the **Database Structure** window.

1 Select the **Allow Null** check box for the required field.
2 Click **Apply**.
The **Edit Database** window is used to manage the contents of the database file. From this window, you can, modify, or delete data.

These actions depend on the type of database. Excel file
records cannot be modified.

Select records according to their content

Use the content of a field to find a record

1. Select Database Manager must be open in the Edit Database window.
2. Click the drop-down list button.
3. Click the required data.
4. Click the data input field.
5. Enter the required value in the data input field.

Select all identical records

1. Select Database Manager must be open in the Edit Database window and at least one record must exist.
2. Click the drop-down list button.
3. Click the required data.
4. Click the data input field.
4 Enter the required data in the data input field.

5 Click the **Select all** button.

**Note**
You can also specify the filter by clicking on the **Check case** button.

**Select an identical record**

Database Manager must be open in the **Edit Database** window and at least one record must have been found. There must be several identical contents in the **Search** field.

To select a record, use the search tool: click 1 (First), 2 (Previous), 3 (Next) or 4 (Following).
Find a record according to its row in the table

Database Manager must be open in the Edit Database window.

1. Click the search tool’s data input field.
2. Enter the required data.

Create a new record

Database Manager must be open in the Edit Database window.

1. Click a field in the row marked with an asterisk.
2. Enter the required values in the corresponding fields.
3. Click Apply.

Duplicate a record

Database Manager must be open in the Edit Database window.

1. Click or double-click a row or a series of rows to highlight the selected records.
2. Right-click to view the context menu.
3. Select Duplicate selected record(s).

Modify a record

Database Manager must be open in the Edit Database window.
1 Click on the data you want to modify.

2 Enter the required data.

3 Click **Apply**.

**Sort a series of records by alphanumerical order**

Database Manager must be open in the **Edit Database** window. There must be at least two records in the table.

1 Click on the name of the field required.
Note
To sort records in descending order, click the same field again.

Delete a record

Database Manager must be open in the **Edit Database** window.

1 Click the database cursor for the required field.

2 Right-click the database cursor for the required field.

3 Click **Delete Record** in the context menu.
CHAPTER 4

Database Queries

Database Query window

The **Database Query** window is used to create and apply various filters.

Add a query
Database Manager must be open to the **Fields** tab in the **Database Query** window.

1. Click **Add query**.
2. Enter a name for the query.
3. Click **OK**.

**Select/deselect one or more fields**

Database Manager must be open to the **Fields** tab in the **Database Query** window.

To select or deselect one or more fields, click on the button next to 1, 2, 3, or 4 in the navigation tool.

![Navigation Tool](image)

Click **Query**.

**Modify the order of fields selected**

Database Manager must be open to the **Fields** tab in the **Database Query** window.

1. Click the required field in the **Ordered fields** window.
2. Click the **Up** or **Down** arrow to reach the required data.
3 Click **Query**.

**Note**

For a better view of the query application, you can increase the size of the data display area by reducing the height of the Fields, Filter, and SQL Query tabs.

**Create a filter using predefined data**

Database Manager must be open to the **Filter** tab in the **Database Query** window.

1 Click the **Add row** button.

2 Click in the **Field** field.

3 Click the drop-down list button.

4 Click the required data.
5 Click in the **Operator** field.

6 Click the drop-down list button.

7 Click the required value.
### Table 1: Description of operator functions

<table>
<thead>
<tr>
<th>Operator</th>
<th>Lookup</th>
</tr>
</thead>
<tbody>
<tr>
<td>=</td>
<td>Equal to</td>
</tr>
<tr>
<td>&lt;&gt;</td>
<td>Different from</td>
</tr>
<tr>
<td>&gt;</td>
<td>Greater than</td>
</tr>
<tr>
<td>&amp;=</td>
<td>Greater than or equal to</td>
</tr>
<tr>
<td>&lt;</td>
<td>Less than</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less than or equal to</td>
</tr>
<tr>
<td>NOT</td>
<td></td>
</tr>
<tr>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>LIKE</td>
<td></td>
</tr>
<tr>
<td>NOT LIKE</td>
<td></td>
</tr>
<tr>
<td>BETWEEN</td>
<td></td>
</tr>
<tr>
<td>NOT BETWEEN</td>
<td></td>
</tr>
</tbody>
</table>

8 Click in the **Value** field.

9 Enter the required value.

10 Click **Query**.
Apply a logical operator to several filters

Database Manager must be open to the Filter tab in the Database Query window. Several filters must exist.

1. Click in the Logical field.
2. Click the drop-down list button.
3. Click the required data.
4. Click Query to apply and view the changes.

Sort the list of filters

Database Manager must be open to the Filter tab in the Database Query window. Several filters must exist.

1. Click the database cursor for the required field.
2. Click the Up or Down arrow to reach the required data.
Remove a filter

Database Manager must be open to the Filter tab in the Database Query window. At least one filter must exist.

1. Click the database cursor for the required field.

2. Click the Remove row button.

Modify a filter in SQL

Database Manager must be open to the SQL Query tab in the Database Query window. At least one filter must exist.

1. Select the Modify the query in SQL language option to activate the SQL Query and make manual changes.
2 Click Query.

**Note**
The filter can be created directly in SQL without having to use the Filter tab first.

**Choose an existing query in a database**

Database Manager must be open in the Database Query window.

1 Click the Query drop-down list.

2 Click the required data.

**Note**
The selected query can be modified later.
The Print window is used to select files for printing, to
assign printers, and to define various parameters before printing is launched.
Display options

Database Manager must be open in the Print window.

Click Settings.

Preview the document

Database Manager must be open in the Print window.

Click Preview.

Display the label design software

Database Manager must be open in the Print window.

Click Designer.

Select a document to be printed

Create a new label template for printing

Database Manager must be open in the Print window.

Click the Create labels wizard button.

6 Follow the wizard's instructions.
Creating a label in relation to the database allows you to define exactly which elements are required to position each database field.

Select an existing label template

Database Manager must be open in the Print window.

1 Click the Open an existing document button.

2 Select a label file.

3 Click OK.

Note
The Field radio buttons in the Label name and Printer name groups of options allow you to choose the label or printer required, when label or printer is defined in one of the fields of the active database.

Select a printer

Database Manager must be open in the Print window. A label template must be selected.

1 Click the Add or remove a printer button.

2 Select the printer required.

3 Click Validate.

Note
The last printer used is selected by default.

Configure the selected printer

Database Manager must be open in the Print window. A label template and printer must be selected.
1 Click the **Printer settings** button.

2 Adjust the required settings.

3 Click **OK**.

## Select records to be printed

### Selecting records manually

Database Manager must be open in the **Print** window.

1 Select the checkboxes next to the records required.

**Note**
The height of the data display grid can be modified by dragging the top of the window.
Selecting records automatically

Database Manager must be open in the Print window.

1. Click the drop-down list button.
2. Click the data required.
3. Click the data input field.
4. Enter the data required.
5. Click the Select all button.
6. Click the Verify button.

Configure the print media

Database Manager must be open in the Print window. A document must be selected.

1. Click on the Page setup button
Display the selected printer’s properties

Database Manager must be open in the Print window.

1 Click the Page setup button.

2 Click Settings.

Define the number of printed pages according to a field

Database Manager must be open in the Print window and a printer must be selected. Records to be printed must also be selected.

1 Click the Quantity column drop-down list.

2 Select the data required.

3 Click the selected data’s drop-down list button.

4 Select the required value or enter a whole numeric value.

Note
This option allows a selection of labels to be printed according to numeric values defined in specific fields. Different criteria can be set:

- SERIALQTY: Defines the number of times the label series will be printed.
- LABELCPY: Defines the number of times the label selected will be printed.
- PAGECPY: Defines the number of times the page of labels will be printed.
Launch printing

Database Manager must be open in the Print window. A label template and printer must be selected. The records to be printed must also be selected.

Click the Print records button.

Launch printing manually each time

Database Manager must be open in the Print window. A label template and printer must be selected. The records to be printed must also be selected.

1 Select the Display the print dialog box between each record.

2 Click the Print records button.

Update variable with database

Database Manager must be open in the Print window. A label template and printer must be selected. The records to be printed must also be selected.

1 Select the Update variable with database.

2 Click the Print records button.

Merge Database attached to document

Database Manager must be open in the Print window. A label template and printer must be selected. The records to be printed must also be selected.

1 Select the Merge Database attached to document.

2 Click the Print records button.

Allow the database to be edited

Database Manager must be open in the Print window. A label template and printer must be selected. The records to be printed must also be selected.
1 Select the **Allow the database to be edited**.

2 Click the **Print records** button.

**Stop printing**

Database Manager must be open in the **Print** window. A label template and printer must be selected. The records to be printed must also be selected. Printing must have already been launched.

Click the **Stop printing** button.

**Refresh database view**

Database Manager must be open in the **Print** window. A label template and printer must be selected. At least one record must also be selected.

Click the **Refresh database** button.

**Close a document**

Database Manager must be open in the **Print** window. A label template must be selected.

1 Click the **Documents** drop-down list.

2 Click the data required.

3 Click the **Close current document** button.
Index

A
Add a query, Chap 4-19
automatically, Chap 5-31
C
Connect, Chap 1-1
Create, Chap 3-16
D
database, Chap 2-8
Database Query, Chap 4-19
Delete, Chap 3-18
Deselect, Chap 4-20
document to be printed, Chap 5-28
E
Edit Database, Chap 3-13
empty field, Chap 2-11
existing query, Chap 4-26
F
field’s maximum size, Chap 2-11
filter, Chap 4-21
Find, Chap 3-16
Find a record, Chap 3-14
H
hide, Chap 2-10
Hide table, Chap 2-10
I
identical records, Chap 3-14
K
key field, Chap 2-10
L
label design software, Chap 5-28
label template, Chap 5-28
M
manually, Chap 5-30
Merge Database, Chap 5-33
Modify, Chap 3-17
Modify filter, Chap 4-25
N
new record, Chap 3-16
null field, Chap 2-11
O
options, Chap 5-28
Ordered fields, Chap 4-20
P
Page setup, Chap 5-31
Preview, Chap 5-28
preview, Chap 5-28
Print, Chap 5-27
print media, Chap 5-31
printer, Chap 5-29
printer properties, Chap 5-32
Printer settings, Chap 5-30
Printing, Chap 5-27
printing, Chap 5-33
R
Remove, Chap 1-6
Remove filters, Chap 4-25
S
search tool, Chap 3-15
Select, Chap 3-14, Chap 4-19
Select records, Chap 3-14,
Chap 5-30
Select/deselect, Chap 4-20
software, Chap 5-28
Sort, Chap 3-17
Sort filters, Chap 4-24
SQL, Chap 4-25
T
table, Chap 2-8
Type, Chap 2-10
type of content, Chap 2-10
V
View table, Chap 2-10