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Connecting to database files

Database Connections window

Figure 1

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.
1 Go to File > Open.

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

This dialog box is limited to 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 -

3 Select **Others**

4 Click **Connection Setup**

5 Click the **Provider tab** of the dialog box
6 Select the required provider

![Data Link Properties dialog box showing the provider selection.]

7 Click Next >>

**Note**

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

8 Click the '...' search button

9 Select a file

10 Click Open
11 Click OK

12 Click Next

13 Enter a name for the connection

14 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*
CHAPTER 2

Database file structure

Database Structure window

The Database Structure window is used to manage the structure of the database file: to add, modify or delete tables/fields etc.
Choose a database from the list of connections

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

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

Choose a table in a database

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

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

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 Tick the box next to **Duplicate with**
2 Click on the drop-down list
3 Click on the data required
4 Click OK

Delete a table in the active database

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

1 Click on the **Table** drop-down list
2 Click on the data required
3 Click **Delete table**

### View/hide active table’s data

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

1 Click **View data**

### Define a key field

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

1 Tick the box 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 on the required field in the **Type** column

2 Click the drop-down list button

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

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

1. Click on the required **field in the Length** column
2. Enter the value required
3. Click **Apply**

Allow an empty field

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

1. Tick the Allow Null box for the required field
2 Click **Apply**
The Edit Database window is used to manage the contents of the database file: to add, modify or delete data.

These actions depend on the type of database. Thus, Excel file records cannot be modified.
Select records according to their content

Use the content of a field to find a record

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

Select all identical records

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

Create a new record

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

1. Click on a field in the row marked with an asterisk
2. Enter the values required 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 data required
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 on 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 on 'Delete Record' in the context menu
The Database Query window is used to create and apply various filters.

Add a query

Database Manager must be open at 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 at 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.

1 Click Query

Modify the order of fields selected

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

1 Click on the required field in the Ordered fields window

2 Click on the Up or Down arrow to reach the data required
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 at the Filter tab in the **Database Query** window.

1 Click on the **Add row** button

2 Click in the **Field** field

3 Click the drop-down list button

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

6 Click the drop-down list button

7 Click on the value required
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>&gt;=</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 value required

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

Database Manager must be open at 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 on the data required

4. Click Query to apply and view the changes.

Sort the list of filters

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

1. Click on the database cursor for the required field

2. Click on the Up or Down arrow to reach the data required
Remove a filter

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

1. Click on the database cursor for the required field
2. Click on the **Remove row** button

Modify a filter in SQL

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

1. Tick the box next to **Modify the query in SQL language** 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 on the **Query** drop-down list

2 Click on the data required

**Note**
The query selected 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

1. Click **Options**

Preview the document

1. Click **Preview**

Display the label design software

1. Click **Designer**

Select a document to be printed

- **Create a new label template for printing**
  1. Click on the **Create labels wizard** button
  2. 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 on the Open an existing document button

2. Select a .lab 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 the latter are 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 on 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 on 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 Tick the boxes next to the records required

<table>
<thead>
<tr>
<th>Quantity</th>
<th>PARTNUM</th>
<th>NAME</th>
<th>LOTNUM</th>
<th>LOGONAME</th>
<th>SCALE</th>
<th>UNITS/PEI</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>24580</td>
<td>Jeep 4x4</td>
<td>1011</td>
<td>jeep.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>10570</td>
<td>Autobus</td>
<td>1001</td>
<td>autobus.bmp</td>
<td>1/100</td>
<td>50</td>
</tr>
<tr>
<td>0</td>
<td>10080</td>
<td>Tractor</td>
<td>0999</td>
<td>tractor.bmp</td>
<td>1/100</td>
<td>50</td>
</tr>
<tr>
<td>0</td>
<td>10580</td>
<td>Decker</td>
<td>1009</td>
<td>decker.bmp</td>
<td>1/100</td>
<td>50</td>
</tr>
<tr>
<td>0</td>
<td>16750</td>
<td>Fat-Blue</td>
<td>1007</td>
<td>fat.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>1</td>
<td>24200</td>
<td>Golf</td>
<td>1005</td>
<td>golf.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>24766</td>
<td>Mercedes</td>
<td>1004</td>
<td>mercedes.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>24566</td>
<td>Luxury</td>
<td>1023</td>
<td>luxury.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>29112</td>
<td>Old</td>
<td>1024</td>
<td>old.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>25080</td>
<td>Porsche</td>
<td>1002</td>
<td>porsche.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>24321</td>
<td>Car-Red</td>
<td>1002</td>
<td>red.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
<tr>
<td>0</td>
<td>24426</td>
<td>Truck-Red</td>
<td>1025</td>
<td>truckRed.bmp</td>
<td>1/75</td>
<td>80</td>
</tr>
<tr>
<td>0</td>
<td>24426</td>
<td>Truck-Yel</td>
<td>1025</td>
<td>truckYel.bmp</td>
<td>1/75</td>
<td>80</td>
</tr>
<tr>
<td>0</td>
<td>24596</td>
<td>Van</td>
<td>1030</td>
<td>van.bmp</td>
<td>1/75</td>
<td>100</td>
</tr>
</tbody>
</table>

**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 on the data required
3. Click on the data input field
4. Enter the data required
5. Click on the **Select all** button
6. Click on 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 on 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 on 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.

1 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 Tick the box next to 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 Tick the box next to 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 Tick the box next to 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. Tick the box next to **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.

1. 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.

1. 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 on the Documents drop-down list
2. Click on the data required
3. Click the **Close current document** button
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