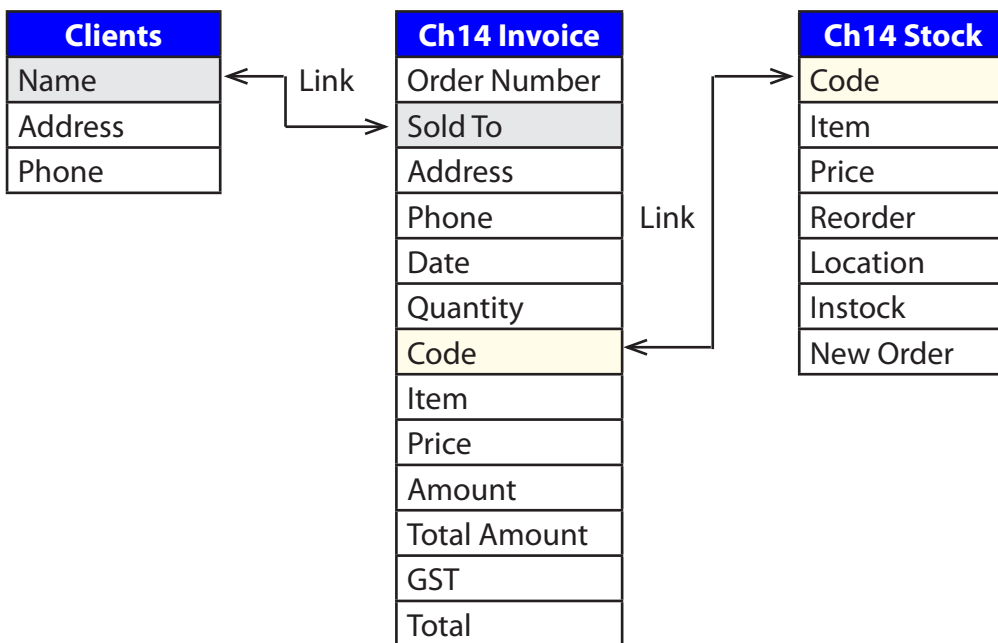


Looking Up Data From Internal Files

It can be very inefficient to maintain two separate databases even though they may be linked. FileMaker Pro allows to have multiple different files within the one database. These files can be linked in the same way as external files.

To create different files within the one database separate TABLES are created. Let's alter the CH14 INVOICE file to include a file of customers (or clients) that can be inserted into the invoice when they purchase products. The structure of the database will be:



Loading the Invoice File

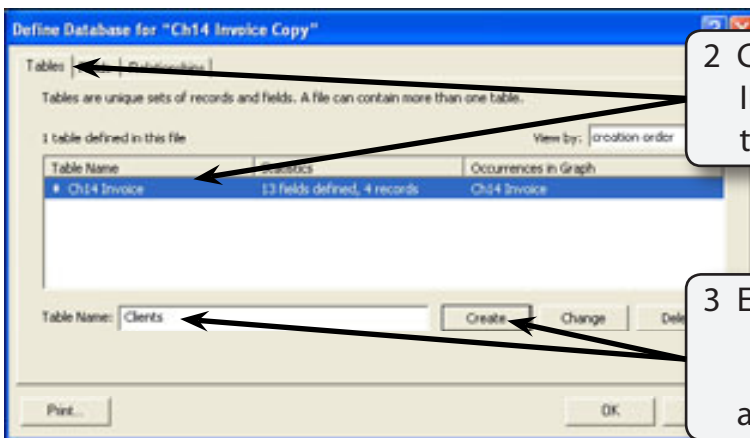
- 1 Load FileMaker Pro, click on OPEN AN EXISTING FILE and select OK. Or close the current file and select OPEN from the FILE menu.
- 2 Open the CH14 INVOICE COPY database from your FMP8 FILES folder.

Adding Another File to the Database

To add a new file to the database a new TABLE is created. Each TABLE in a FileMaker Pro database stores its own data.

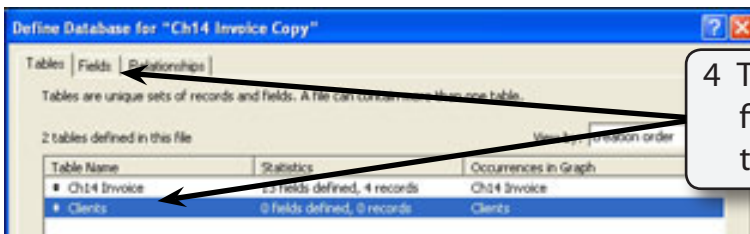
A Creating a New Table

- 1 Display the FILE menu, highlight DEFINE and select DATABASE.



2 Click on the TABLES tab and the INVOICE table is displayed indicating the number of fields and records.

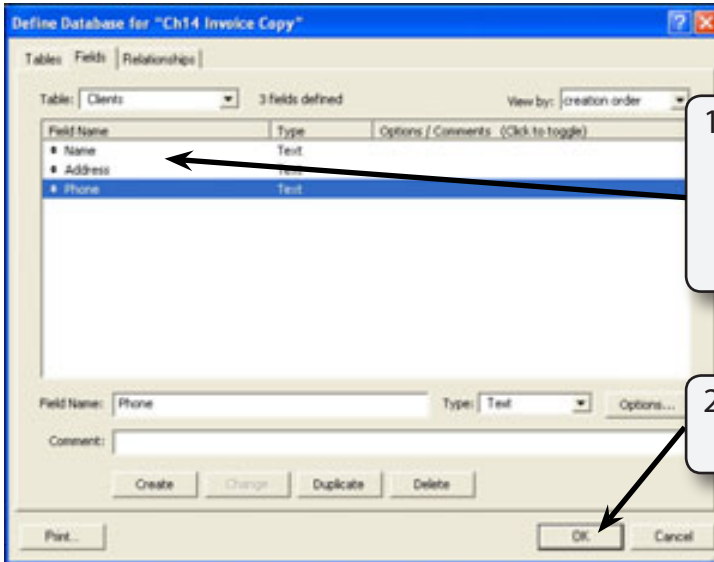
3 Enter the TABLE NAME:
Clients
and click on CREATE.



4 The CLIENTS table is added with no fields or records. Click on the FIELDS tab.

B Inserting the Fields

Each table has its own set of fields.

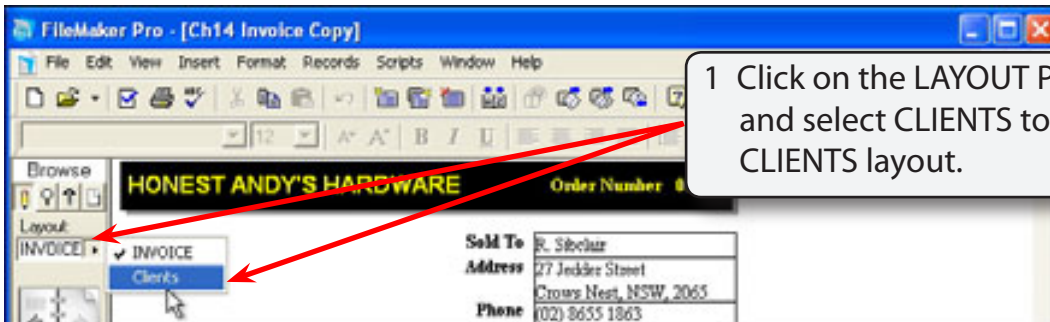


1 Create 3 TEXT fields:
Name
Address
Phone

2 Select OK to return to the BROWSE screen.

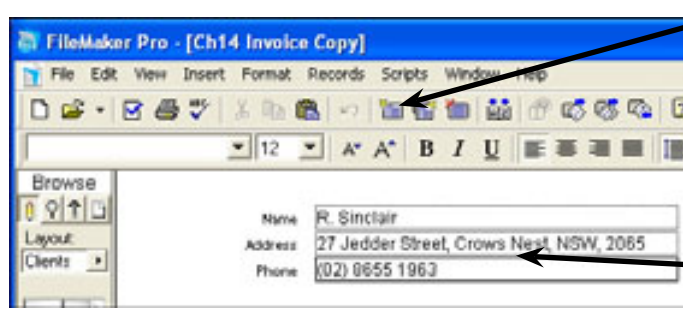
C Adding Data

Any data added to the CLIENTS fields will be stored in the CLIENTS table.



1 Click on the LAYOUT POP-UP MENU and select CLIENTS to open the CLIENTS layout.

NOTE: When you created the CLIENTS table the CLIENTS layout was automatically inserted. This layout could be formatted in the normal way.



2 Click on the NEW RECORD button (or press CTRL+N or ⌘+N) to start a new record.

3 Enter the data:
R. Sinclair <tab>
27 Jedder Street, Crows Nest,
NSW, 2065 <tab>
(02) 8655 1963

NOTE: Notice that only 1 RECORD is indicated in the STATUS BAR at the left of the screen, even though you have 2 RECORDS in the INVOICE file. The current record is stored in the CLIENTS table which is completely separate to the INVOICE table.

4 Add 2 more records to the CLIENTS layout:

L. Ryan	42 Riversdale Road, Hawthorn, Vic. 3122	(03) 8788 2901
P. Curren	85 Linton Lane, Norlane, Vic. 3214	(03) 5275 6338

Creating the Relationship

The procedure for creating relationships between internal files is the same as you used for external files in the last chapter.

A The Relationships Tab

1 Display the FILE menu, highlight DEFINE and select DATABASE.