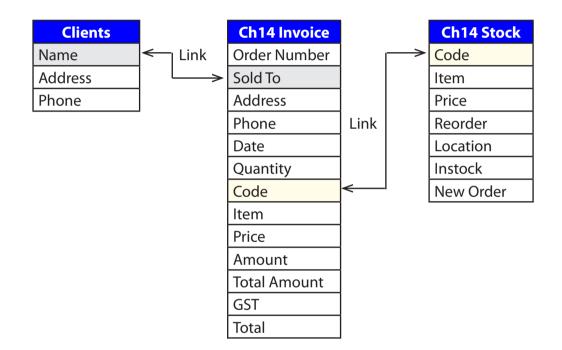


Looking Up Data From Internal Files

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.

Define Database for "Ch14 Invol	te Copy"		লিলে
Tables			2 Click on the TABLES tab and the
Tables are unique sets of records an	d fields. A file can contain more th	an one table.	INVOICE table is displayed indicating
1 table defined in this file		Yiew by: areation order	the number of fields and records.
Table Name Ch14 Invoice	23 fields definest, 4 records	Occurrences in Graph	
Table Name: Clents	(Create Change Dele	3 Enter the TABLE NAME:
			Clients
Pint.		OK.	and click on CREATE.

Define Database for "Ch14	Invoice Copy"		
Tables Fields Publiconhips Tables are unique sets of re- 2 tables defined in this file] ords and fields. A file can concernmental	ten oor table. Versity - Treation or	4 The CLIENTS table is added with no fields or records. Click on the FIELDS
Table Name	Statistics	Occurrences in Graph	tab.
 Ch14 Invoice 	2.3 helds defined, 4 records	Ch04 Swoice	
Clerits	O fields defined, O records	Clerts	

15

B Inserting the Fields

Each table has its own set of fields.

ables Fields Relations	and the second s				_	
Table: Clevits Paid Name Address From From From From From From From From		Texts defined Type Text Text	Options / Comments (r	View by: [creation order 3ck to toggle]	1	Create 3 TEXT fields: Name Address Phone
Pield Name: Phone Comment:			Type: Ted	Cptons	2	Select OK to return to the BROWSE screen.
Comment: Create	Change	Duplcate	Delete	1	real	screen.

C Adding Data

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

TileMaker Pro - [Ch14 Invoice Copy]	
File Edit Wew Insert Format Records Scripts Window Help Image: Contract Contract Records Scripts Window Help Image: Contract Contrel Contrect Contract Contract Contract Contract Contr	and select CLIENTS to open the CLIENTS layout.
Layout INVOICE + VINVOICE Sold To R. Sibeliar Address 27 Judger St	met ,NSW, 2065 363

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

FileMaker Pro - [Ch14 Invoice Copy]	2 Click on the NEW RECORD button (or press CTRL+N or \$ +N) to start a new record.		
Image: Second	3 Enter the data: R. Sinclair <tab> 27 Jedder Street, Crows Nest,</tab>		
	NSW, 2065 <tab></tab>		

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.