

CHAPTER 6

Welcome to InfoMaker

About this chapter

InfoMaker is a powerful yet easy-to-use reporting and data maintenance tool that lets you work with data in the Windows environment.

With InfoMaker you can create sophisticated forms, reports, graphs, crosstabs, and tables, as well as applications that use these as building blocks.

This chapter includes a brief tutorial on InfoMaker that gets you started and teaches you the basic skills required to be productive in the InfoMaker environment.

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Crosstabs

Number of employees by department and salary 30,000 includes up to 39,999	Dept Id					Total number of employees making the salary
	100	200	300	400	500	
Salary						
20000				2	5	7
30000	3	8	2	5	2	20
40000	6	5	2	5	1	19
50000	4	3	3	2	1	13
60000	4	1		2		7
70000	2	1	1			4
80000	2	1				3
90000	1					1
130000			1			1
Total number of employees in the department	22	19	9	16	9	

Reports with nested reports

3/23/96		Customers and Orders						
Customer Information		Order History						
Customer ID: 105		Sales Order ID	Order Date	Sales Rep ID	Line #	Product ID	Quantity	Date Shipped
First Name: Laura		2095	09/20/95	209	1	300	45	09/20/95
Last Name: McCarthy		2344	03/00/95	195	1	501	35	03/01/95
Address: 1210 Highway 36		2454	06/16/95	209	1	501	35	06/17/95
City: Carmel		2580	09/21/95	856	1	600	35	09/22/95
State: IN					2	601	35	09/22/95
Zip Code: 46032								
Phone Number: (317) 555-8437								
Company Name: Ann & Sons								

Composite reports

3/23/96

Quick Reference Information

Product ID	Product Name	Product Description	Unit Price	Number In Stock
300	Tee Shirt	Tank Top	\$0.00	28
301	Tee Shirt	V-neck	\$14.00	54
302	Tee Shirt	Crew neck	\$14.00	75
400	Baseball Cap	Cotton Cap	\$0.00	112
401	Baseball Cap	Wool cap	\$10.00	12
500	Visor	Cloth Visor	\$7.00	36
501	Visor	Plastic Visor	\$7.00	28
600	Sweatshirt	Hooded Sweatshirt	\$24.00	30
601	Sweatshirt	Zipped Sweatshirt	\$24.00	32
700	Shorts	Cotton Shorts	\$15.00	80

Sales Rep ID	Name	Phone	Number of Orders
120	Philip Chin	(404) 555-2341	57
105	Marc Dill	(617) 555-2144	50
200	Rollin Overbey	(510) 555-7255	114
467	James Klobucher	(713) 555-8627	56
667	Wary Garcia	(713) 555-3431	54
600	Kathleen Poleas	(617) 555-3020	52
856	Samuel Singer	(508) 555-3255	55
902	Moira Kelly	(508) 555-3750	47
949	Pamela Savatino	(310) 555-1857	53
1142	Allison Clark	(510) 555-0437	57
1506	Catherine Pickett	(617) 555-3478	53

Product ID	Product Name	Product Description	Quantity Sold	Dollars
300	Tee Shirt	Tank Top	2364	\$21,276
301	Tee Shirt	V-neck	2388	\$33,432
302	Tee Shirt	Crew neck	2148	\$30,072
400	Baseball Cap	Cotton Cap	3278	\$20,502
401	Baseball Cap	Wool cap	2701	\$27,010
500	Visor	Cloth Visor	2652	\$18,564
501	Visor	Plastic Visor	2508	\$17,556
600	Sweatshirt	Hooded Sweatshirt	3060	\$73,440
601	Sweatshirt	Zipped Sweatshirt	2724	\$65,376
700	Shorts	Cotton Shorts	4636	\$68,040

Product	Dollars
Zippered Sweatshirt	65,376
Wool cap	27,010
V-neck	33,432
Tank Top	21,276
Plastic Visor	17,556
Hooded Sweatshirt	73,440
Crew neck	30,072
Cotton Shorts	68,040
Cotton Cap	20,502
Cloth Visor	18,564

Forms with reports

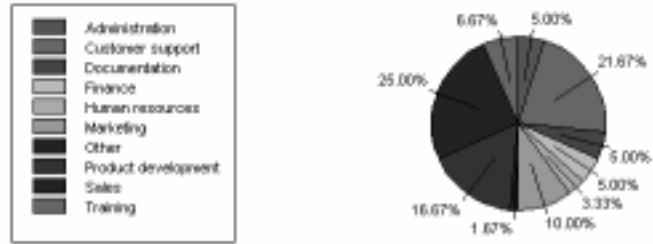
Maintain Contact Information

ID:
 Last Name:
 First Name:
 Job Role:
 Street:
 City:
 State:
 Zip:
 Phone:
 Fax:

ID	Last Name	First Name	Job Role	
1	Hildebrand	Jane	Marketing	1200 B
2	Sanson	Larry	Sales	04 Gray
3	Griff	Susan	Product development	45 Car
4	Lambert	Terry	Administration	204 Pa
5	Sullivan	Dorothy	Customer support	54 Min
6	Paul	Rose	Finance	73 Bay
7	Grosmann	Beth	Product development	44 Oak
8	Powell	Sara	Training	552 Wk
9	Fish	Jeffrey	Marketing	69 Rec
10	Clarke	Molly	Sales	55 Pine
11	Kelley	William	Documentation	75 Fair
12	Lynan	Thomas	Customer support	64 Birch

Graphs

Contacts by Job Role



Reports with graphs

Breakdown of Salary Expenses for 1995

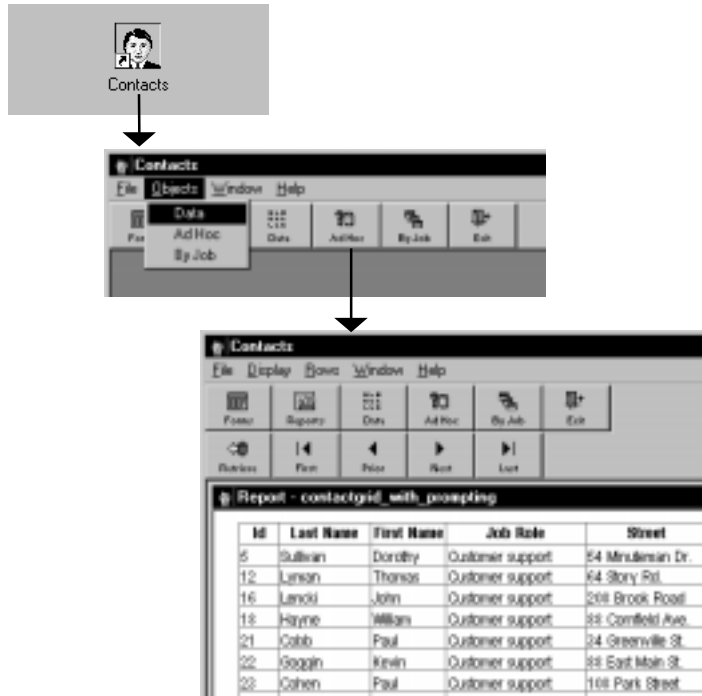
Department	Total Salary
Finance	\$535,500.00
Marketing	\$698,250.75
R & D	\$1,292,198.19
Sales	\$918,429.00
Shipping	\$303,769.80



Labels



Applications



Getting started with InfoMaker

The InfoMaker world is a friendly and efficient environment for you to work in. It provides features such as movable toolbars, popup menus and property sheets, lasso selection of objects, and more.

In this tutorial you will learn the basic skills you need to work in InfoMaker:

- ◆ Start InfoMaker and create a connection to the appropriate database
- ◆ You will become familiar with the InfoMaker painters
- ◆ Learn about the various InfoMaker tool bars
- ◆ Work with popup menus and property sheets
- ◆ Learn how to use your mouse to manipulate objects

How long will this tutorial take?
--

About 15 minutes.

Starting InfoMaker

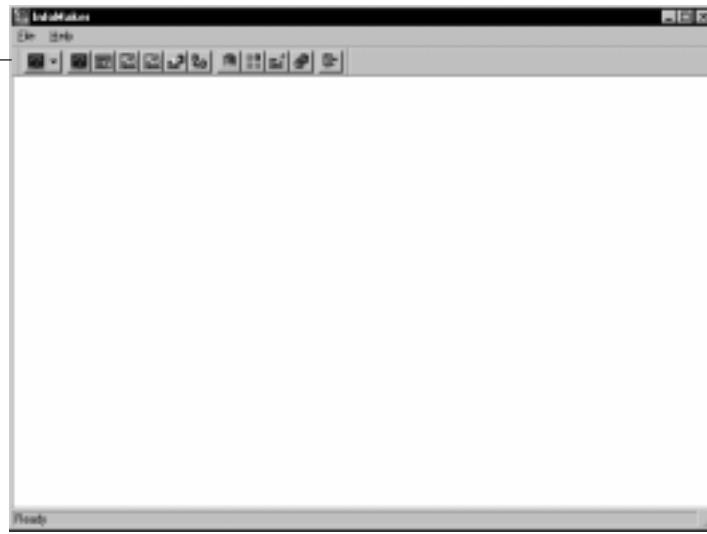
To begin this tutorial start InfoMaker

❖ **To start InfoMaker:**

- ◆ From the Start menu, select Programs ► Sybase ► InfoMaker.

The InfoMaker initial window displays. It includes the PowerBar, which has buttons for accessing the InfoMaker painters and online Help.

*PowerBar with
buttons for accessing
InfoMaker painters*

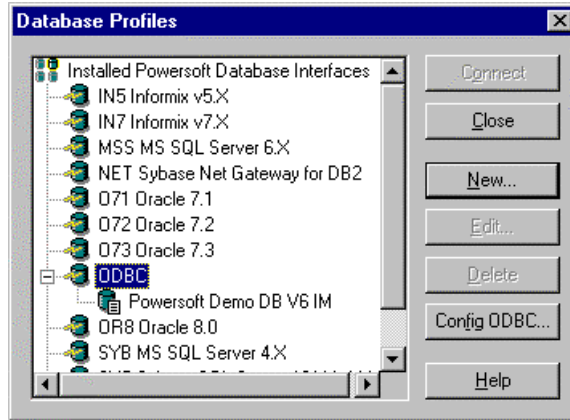


To use these InfoMaker tutorials, you must be connected to the Adaptive Server Anywhere sample database.

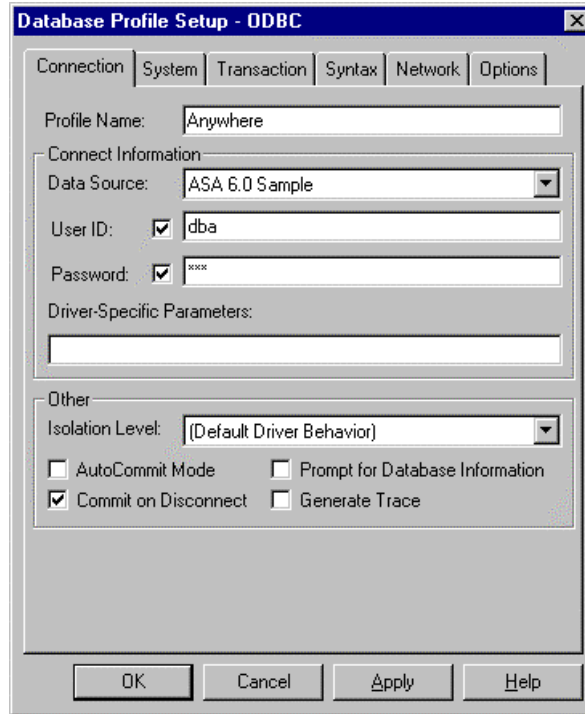
To connect to the SQL Anywhere Studio 6.0 sample database you first need to create a Database Profile.

❖ **To create a Database Profile for the SQL Anywhere Studio sample database with InfoMaker:**

- 1 Open the ODBC database Profiles window by clicking DB Prof in the PowerBar.
- 2 Click new.



- 3 The database profile dialog window will be displayed.
 - ◆ Enter a Profile name of Anywhere
 - ◆ Select ASA 6.0 Sample as the Data Source
 - ◆ Enter **dba** as the User ID
 - ◆ Enter **sql** as the Password
 - ◆ Click OK



❖ **To connect to the Adaptive Server Anywhere sample database once a Data Source has been created:**

- 1 Open the ODBC database Profiles window by clicking on *DB Prof* in the PowerBar.
- 2 Select Anywhere from the ODBC group and click Connect.

Accessing the InfoMaker painters

This section introduces you to the painters available in InfoMaker.

❖ **To access the report painter:**

- 1 Click the **Report painter** button in the PowerBar.

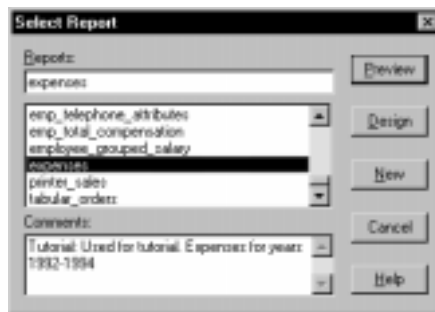


The Select Report dialog box displays. It lists the reports in the current library, which is the library named TUTOR_IM. This library includes samples that come with InfoMaker and is the library you will use for the tutorials.

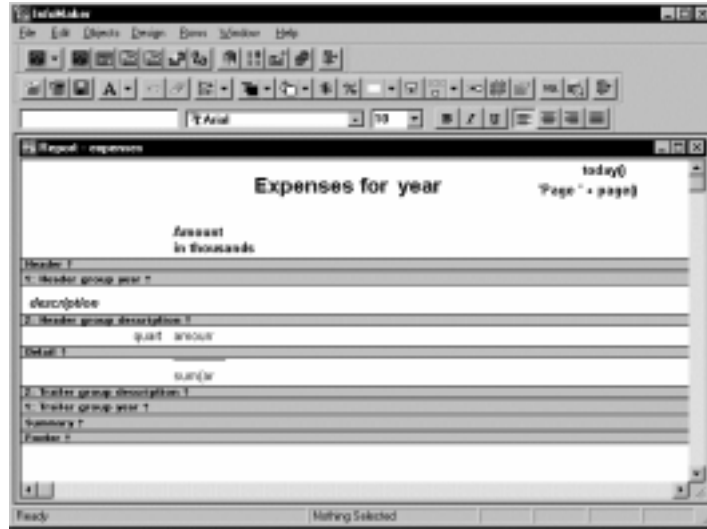
If the current library is not TUTOR_IM

If the current library is not TUTOR_IM, you need to change to it. Select File ► PowerPanel from the menu bar. Select the Environment painter. In the Environment painter, select File ► Open and navigate to TUTOR_IM.PBL in the TUTORIAL folder (in the folder structure where InfoMaker is installed)

- 2 Click **expenses** (scroll the list until you see the report named expenses).
Click the **Design** button.



The design version of the report displays in the Report painter workspace. You will learn about the workspace in the Report tutorial when you create a report. For now you will learn basic skills.



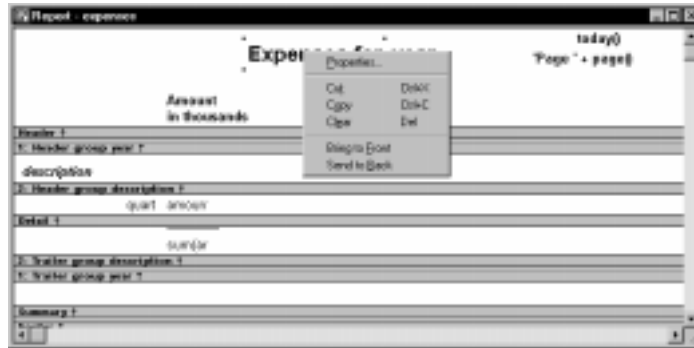
Using popup menus and property sheets

Of all the InfoMaker painters, popup menus and property sheets help you work quickly.

- 1 Move the pointer to the words **Expenses for**.

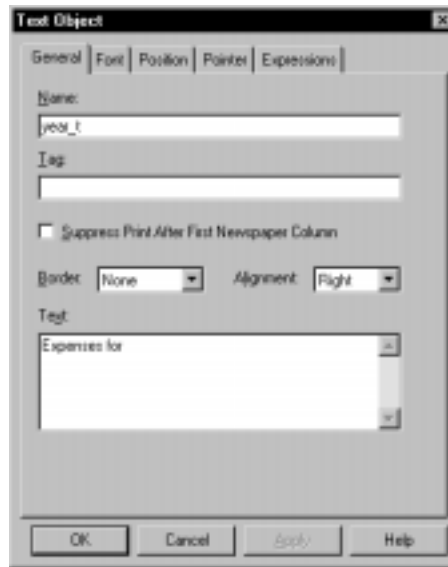
Click the right mouse button.

The popup menu for a piece of text (also called a text object) displays. Whenever you position the pointer on something that has a popup menu and click the right mouse button, the appropriate menu items are listed.



- 2 Click **Properties** in the popup menu.

The property sheet for the *Expenses for* text object displays. It has five tabs, which identify five pages of information. The General tab page is on top.



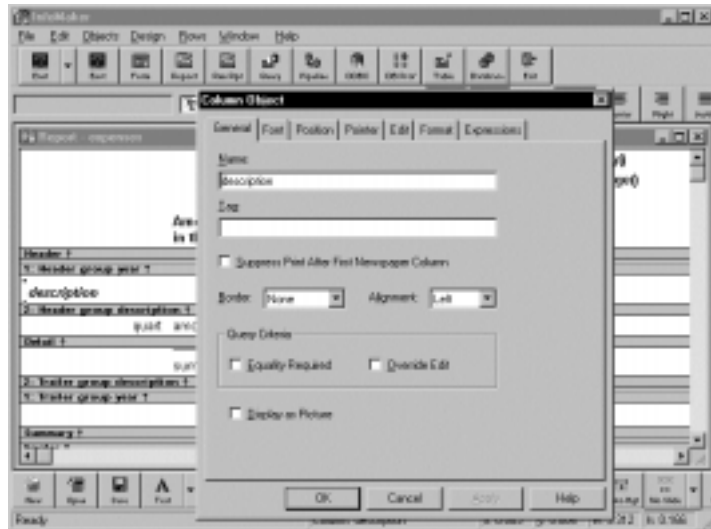
About property sheets

A property sheet is a collection of information about an object. You use an object's property sheet to find out and set properties.

For example, a text object has properties such as font, font size, location, border, and so on. You can see the current settings for these properties on the object's property sheet. You can also change them there.

- 3 Click **Cancel** to close the property sheet.
- 4 Position the pointer on the word **description**.
Click the right mouse button and select **Properties** from the popup menu.

The property sheet for the data column (Column object) called *description* displays. The tab pages and options are different from those in the property sheet for the text object. The Column Object property sheet is designed for the data column.



- 5 Click the word **Font** on the font tab.

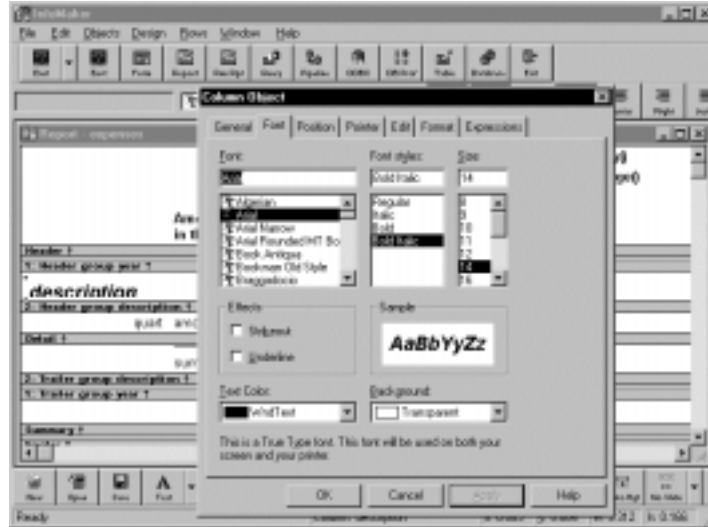
The Font tab page comes to the front of the property sheet.



- 6 Click the font size **14** in the **Size** box.

Click the **Apply** button.

The Font size of the text object changes to 14. When you click Apply, InfoMaker applies the change you just made to the object and leaves the object's property sheet open.



- 7 Click the font size **10** in the **Size** box.

Click the **OK** button.

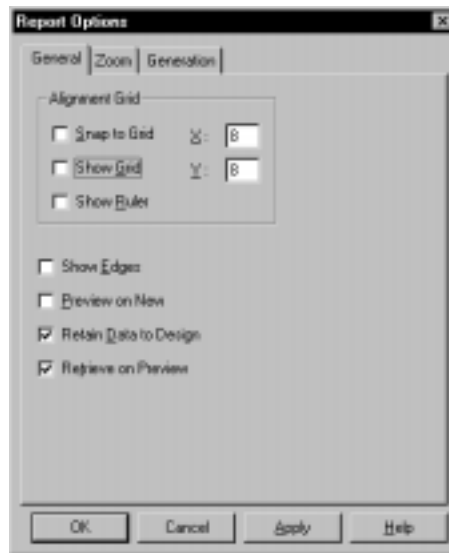
When you click OK, InfoMaker applies changes and closes the property sheet. The Font size of the text object changes back to 10.

Using the mouse with objects

Now you will move some of the objects in the report. Be sure not to save the changed report, because you will use the original report later. When you leave the Report painter, you will be prompted to save changes. The instructions will remind you to say no.

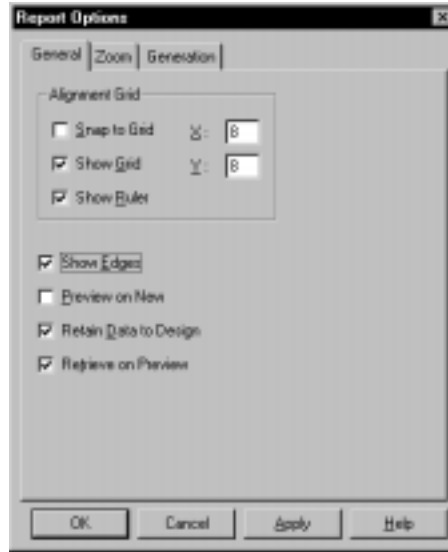
- 1 Select **Design > Options** from the menu bar.

The Report Options property sheet displays.



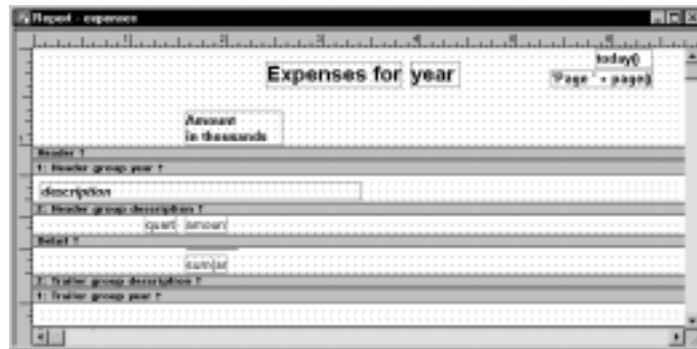
In this property sheet, you will turn on some design options that make it easier to work with objects in reports.

- 2 Select the **Show Grid** checkbox.
Select the **Show Ruler** checkbox.
Select the **Show Edges** checkbox.

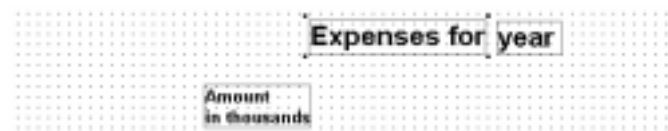


- 3 Click **OK**.

Now edges display around the objects in the report, and a grid and ruler display in the Report painter workspace.



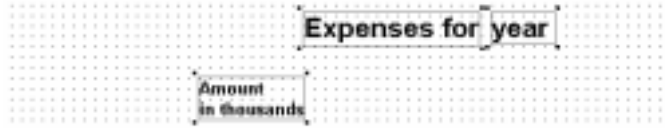
- 4 Click the text object with the text **Expenses for**.
Black boxes in the corners mean the object is selected.



- 5 Press and hold the CTRL key.
Click the **year** box and the **Amount in thousands** box.

Release the CTRL key.

Now you've selected all three objects.



You can move the objects around on the form using the arrow keys, or, you can use the mouse to select the objects and position them anywhere on the form.

How to use lasso selection

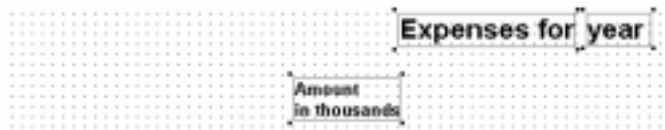
Position the pointer, press and hold the left mouse button, and drag the lasso around everything you want to select. Then release the mouse button.

- 6 Press the DELETE key.

The three selected objects are deleted. But you really didn't mean to delete them.

- 7 Select **Edit>Undo Clear** from the menu bar.

The deletion is reversed.



About Undo

You can undo the most recent operation on objects in the Report painter workspace.

- 8 Select **File>Close** from the menu bar.

InfoMaker displays a message box to see whether you want to save the changes you've made to the expenses report. You do not want to save changes. You will use this report later in the Graph tutorial.

- 9 Click **No**.



The Report painter closes. You return to the InfoMaker initial window. Now you are ready to learn how to create a form.