All examples of this book. as follows:

Chapter 1 Window, Control and Interface

1.1 Implementation of Outlook Toolbar Interface - Outlook

1.2 Make Splash window - Splash

1.3 Make a beautiful status bar - StatusBar

1.4 Create icon bar application - Systray

1.5 MDI window display background image - MDIBmp

1.6 ToolTips - ToolTips in the window control display

1.7 Create a different command button - PictureButton/IconButton

1.8 Implementation of Transparent Text - TransparentST/TransParentButton

1.9 Making the navigation map interface - FlowChat

1.10 Make a menu with pictures and texts - BmpMenu

1.11 The size of the controls in the window is synchronized with the size of the window - Autosize

1.12 Dynamically create controls - DynamicControl

1.14 Control Fusion Technology - SplitBar/SplitResize

1.15 Wallpaper

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2.2 Data window combination condition query - Query

2.3 Universal Sorting of Data Window - UniversalSort

2.4 Implementation of custom window for general display of data window - ColumnVisible

2.5 Incremental query in the data window - zlcx

2.6 Multi-table update of data window - UpdateMultable

2.7 Click the title bar to sort the data window - TitleSort

2.8 Dynamic Data Window - DynamicDataWindow

2.9 Composite Data Window - AddTitle

2.10 Data window print processing - PrintPreview/PrintPreview3 (The contents of PrintPreview and PrintPreview3 are the same, but there are some differences in implementation)

2.11 The dynamic change of the data window statistical graph type - GraphType

2.12 Realization of dynamic display of statistical graph values ??in data window - GraphValue

2.13 The encapsulation of the button in the data window - DwButton

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3.3 Base Conversion - NumberConvert

3.4 Registry function application - Regedit

3.5 RMB uppercase conversion function - AmountUppder

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3.7 Start the control panel project in the application - RunControl

3.8 Import Data Window for Non-Tab Delimited Text File - ImportFile

3.9 Run the compiled program with parameters - CommandParm

3.10 Get the last day of the month function - GetLastDay

3.11 Restrict the same program to run multiple times - OnlyOnce Resource file used in this chapter - pic

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4.2 PowerBuilder + ASA8 C/S programming - Client-Server

4.4 Dynamic SQL and its application - DynamicSQL

4.5 Accessing Binary Large Objects - Blob

4.6 PowerBuilder application gets server time - GetServerTime

4.7 PowerBuilder extended attribute system table and its application - SystemTable

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6.1.2 Create a standard visual user object (extended data window) - Datawindow

6.1.3 Create a visual external user object (status bar) - StatusBar

6.2.2 Create a general invisible user object (FTP application) - Ftp

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7.2.2 Make the picture of the window transparent - TransWindow

7.2.3 Change the closing style of the window - CloseStyle

7.2.4 Realize the copy and paste of graphics and simple processing of images in PB - PictureBox

7.3.1 Get the internal process of the system - System Thread

7.3.2 Obtain basic system information - SystemInformation

7.4.1 Checking the connectivity of the physical network - Mping

7.4.2 Shut down, restart, log off the computer - ExitWindow

7.5.1 Use Visual C++ to develop dynamic link library - DllForPb9

7.5.2 Use Delphi to develop dynamic link library - SetScreen

7.5.3 Use Visual Basic to develop ActiveX dynamic link library - CPUInfo

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Data pipeline - pipeline

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9.2.5 Invisible OLE objects - pbtowordandexcel

9.2.6 ActiveX Control - Media

9.2.7 Use external OLE controls to process binary data in the database - DBOLE

9.2.8 OLE wonderful application-develop XP style menu-XPMenu

9.3.3 COM component implementation in PowerBuilder - pb9com

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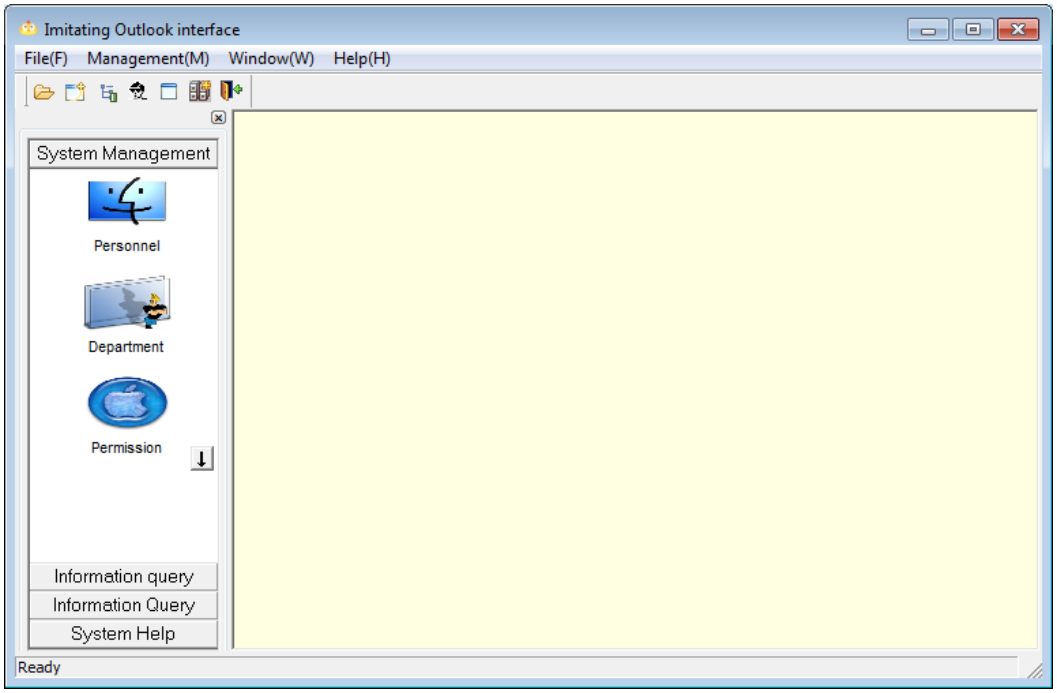
Contains the source program of two examples of developing Jaguar components and calling Jaguar components

Chapter 12 PBNI

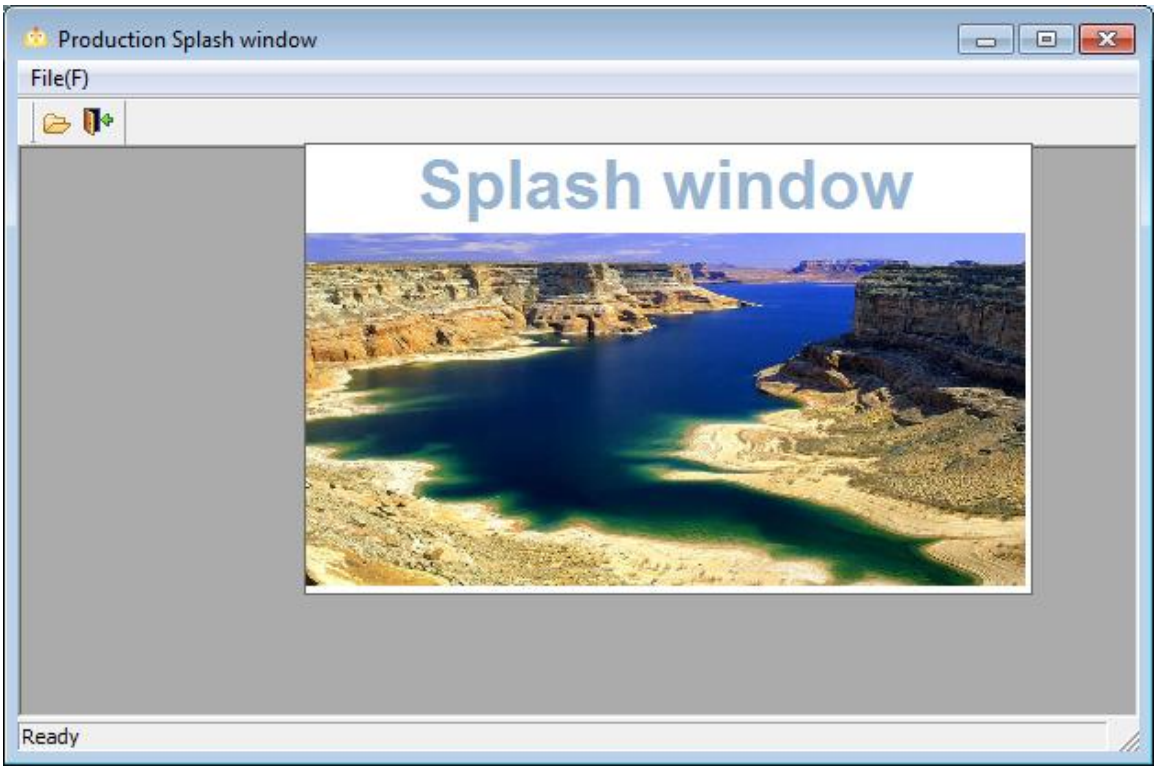
PBNI application technology – PBNI

Chapter 1 Window, Control and Interface

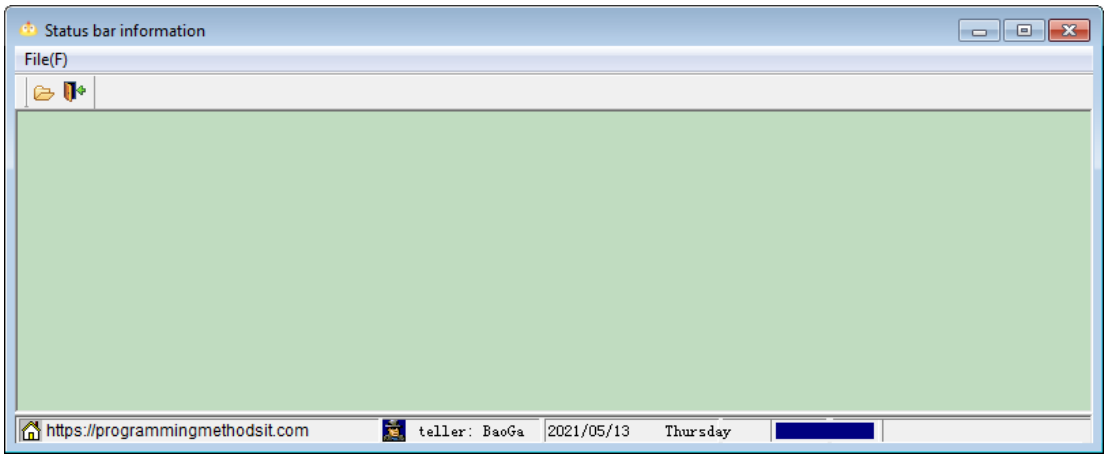
1.1 Implementation of Outlook Toolbar Interface – Outlook



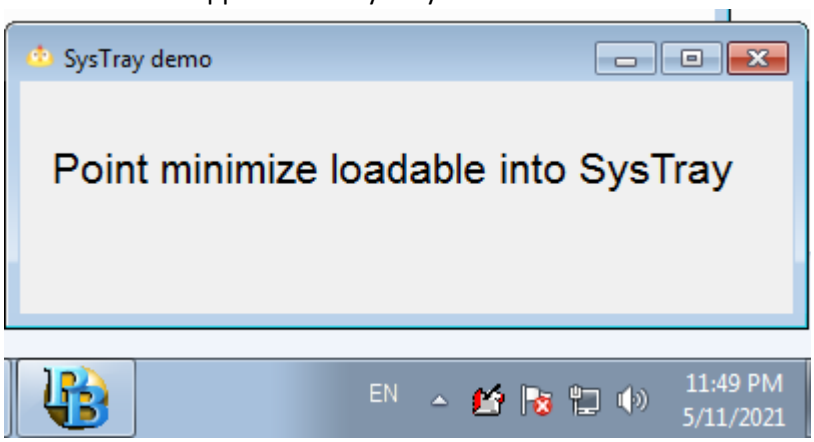
1.2 Make Splash window - Splash



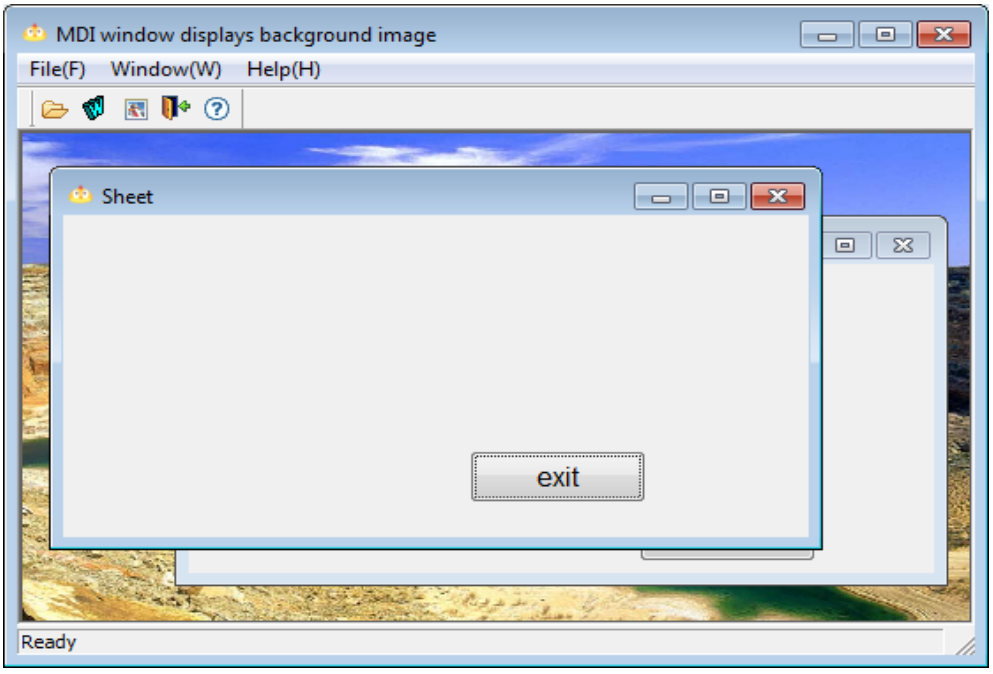
1.2 Make a beautiful status bar – StatusBar



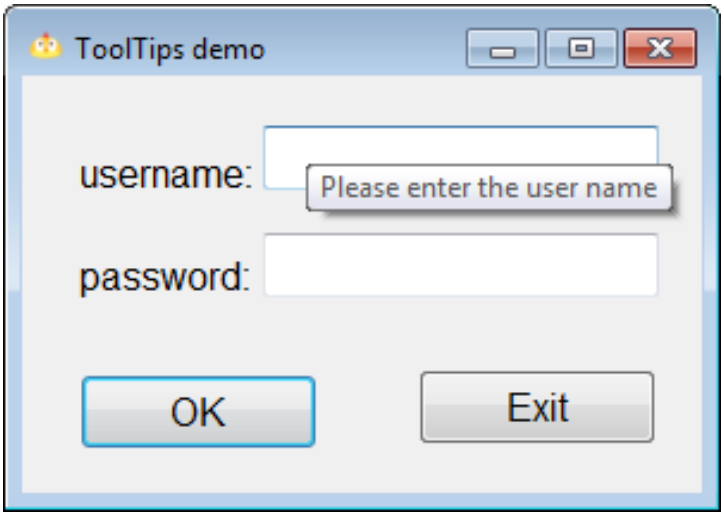
1.3 Create icon bar application – Systray



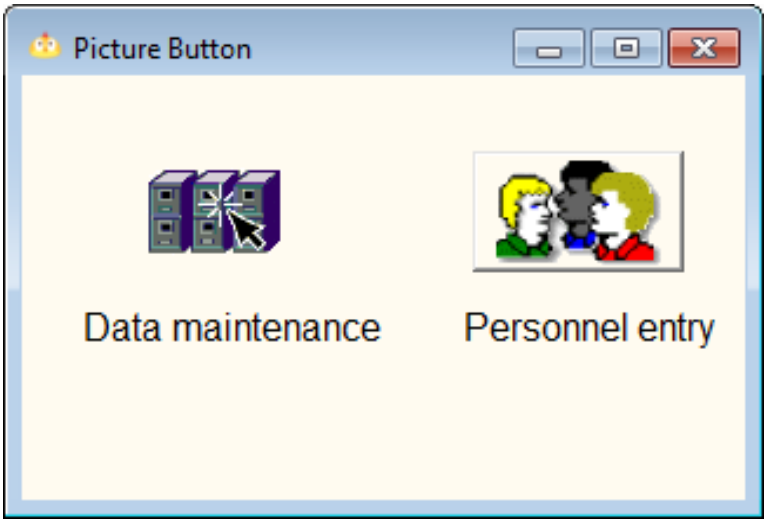
1.5 MDI window display background image – MDIBmp

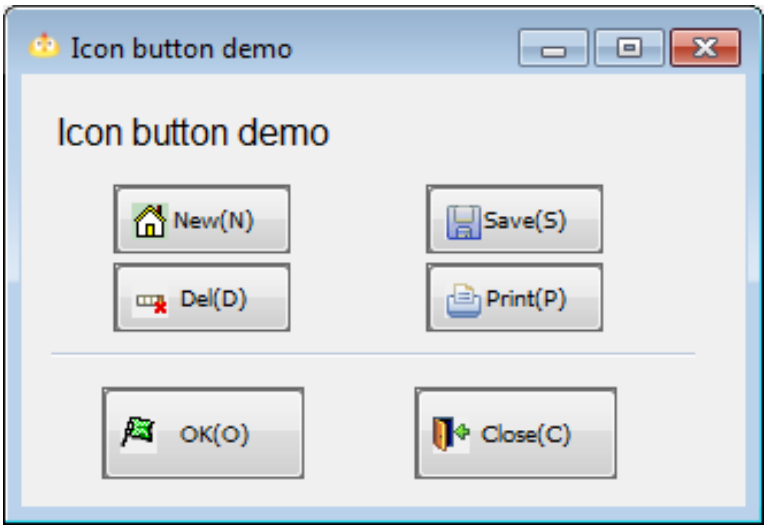


1.6 ToolTips - ToolTips in the window control display

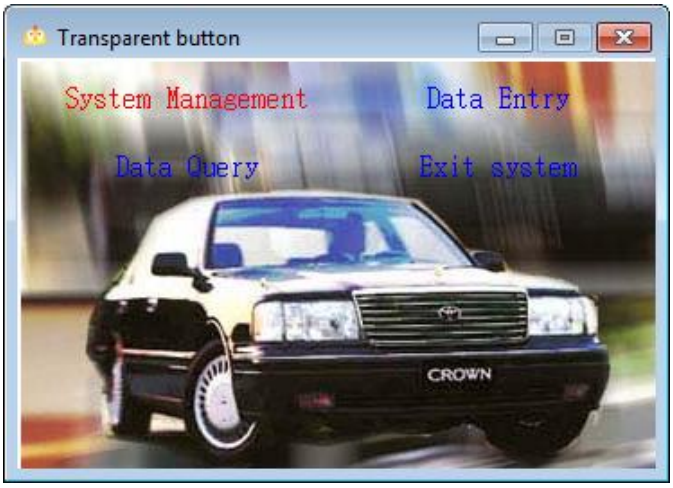


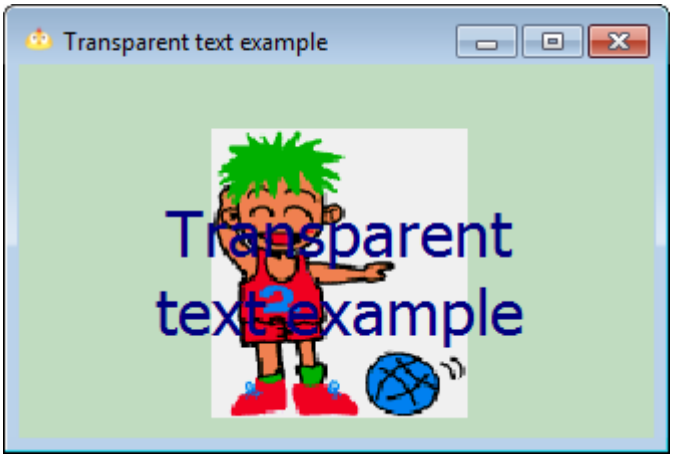
1.7 Create a different command button - PictureButton/IconButton



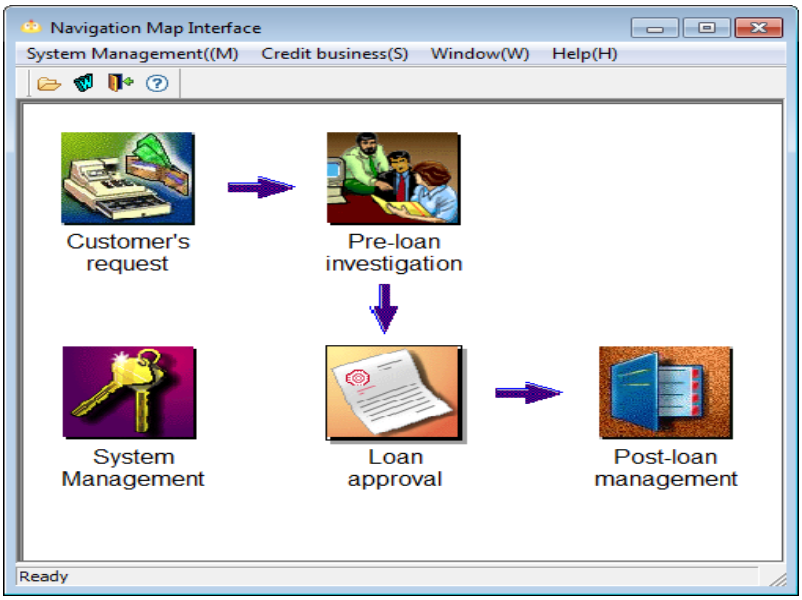


1.8 Implementation of Transparent Text - TransparentST/TransParentButton

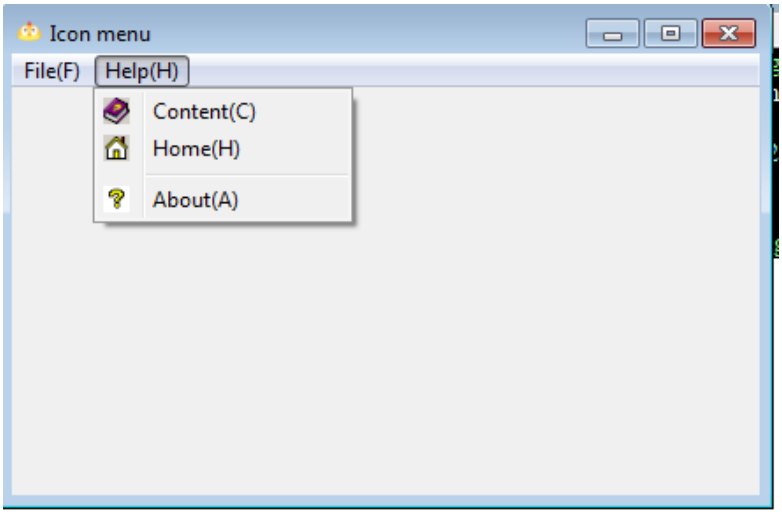




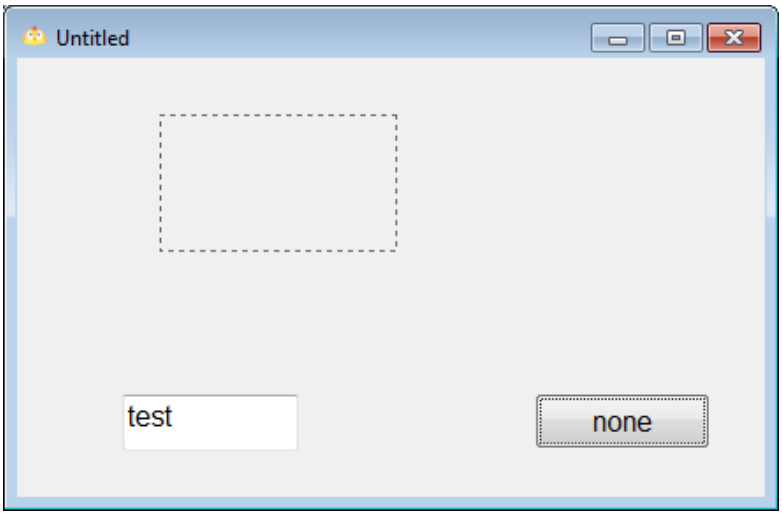
1.9 Making the navigation map interface – FlowChat



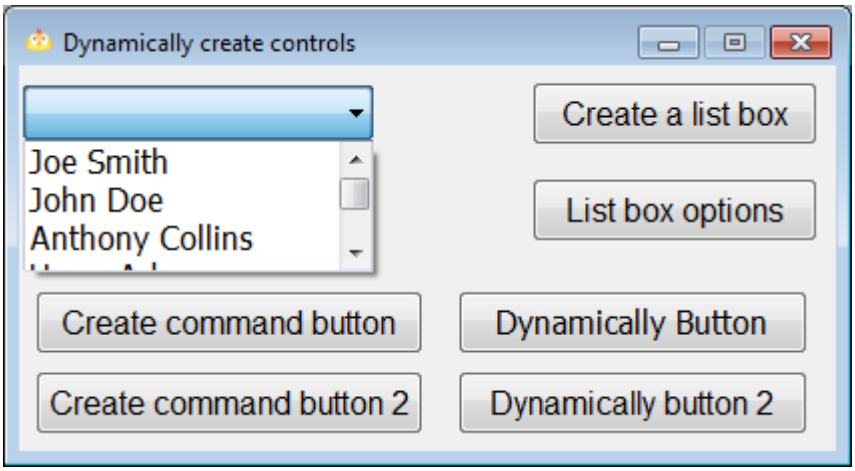
1.10 Make a menu with pictures and texts – BmpMenu



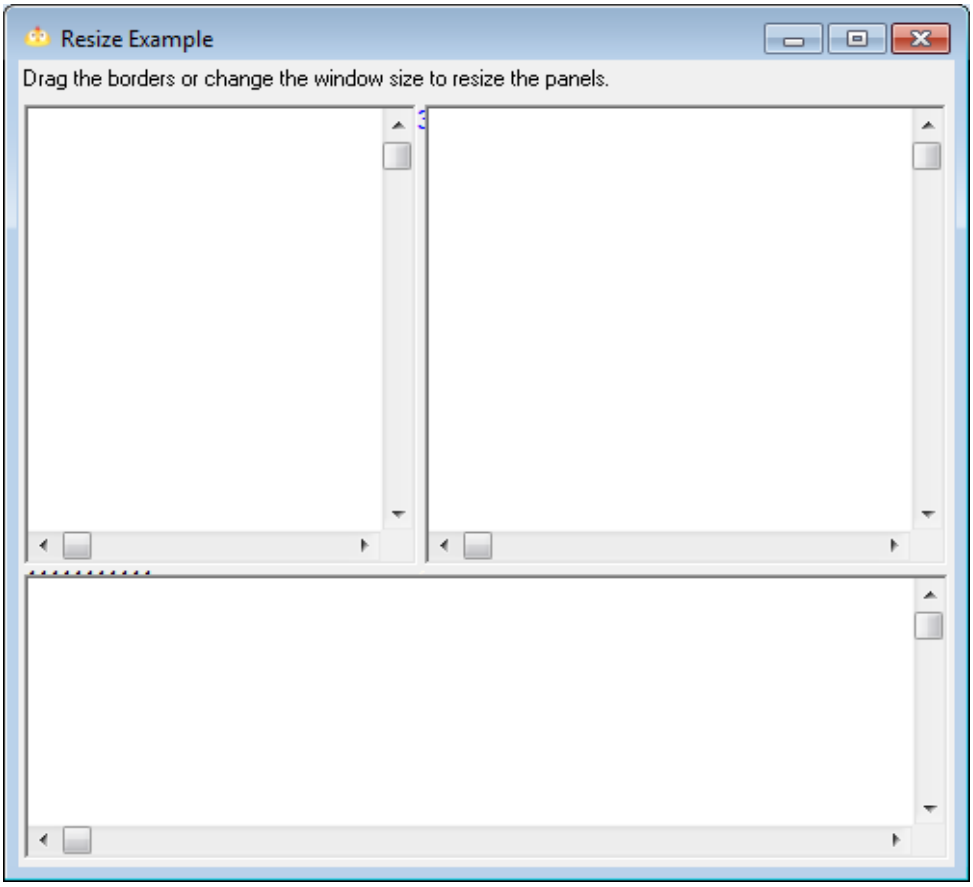
1.11 The size of the controls in the window is synchronized with the size of the window – Autosize

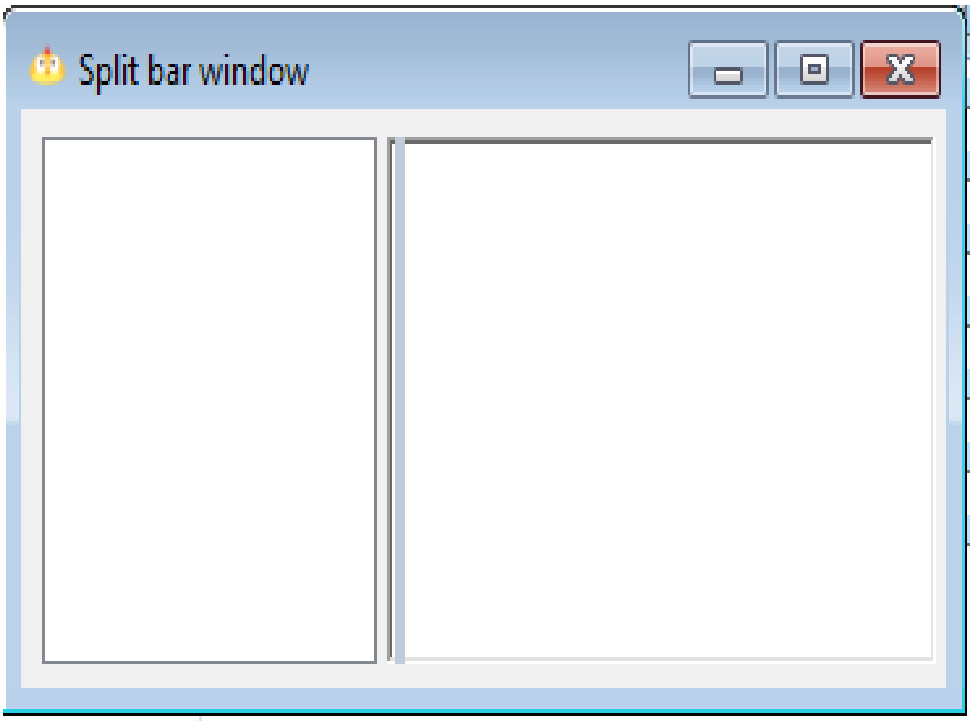


1.12 Dynamically create controls – DynamicControl

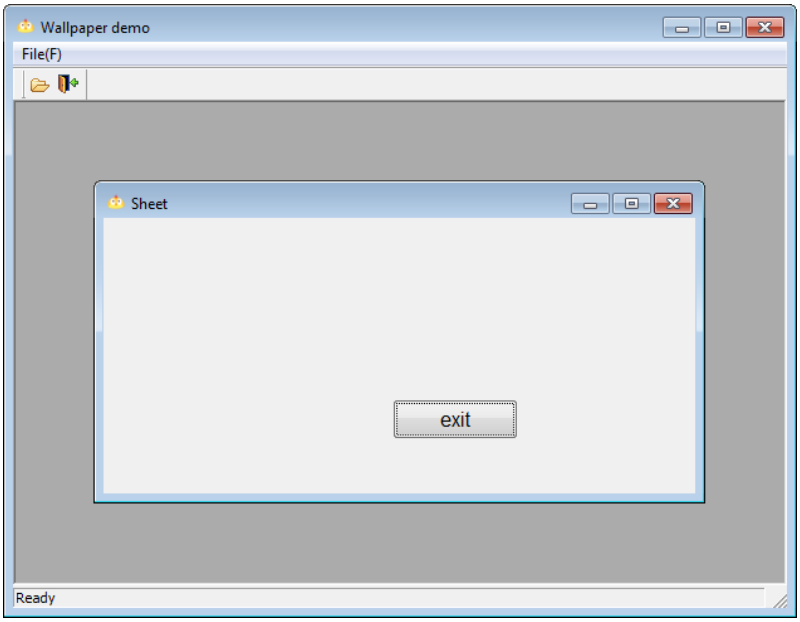


1.14 Control Fusion Technology - SplitBar/SplitResize



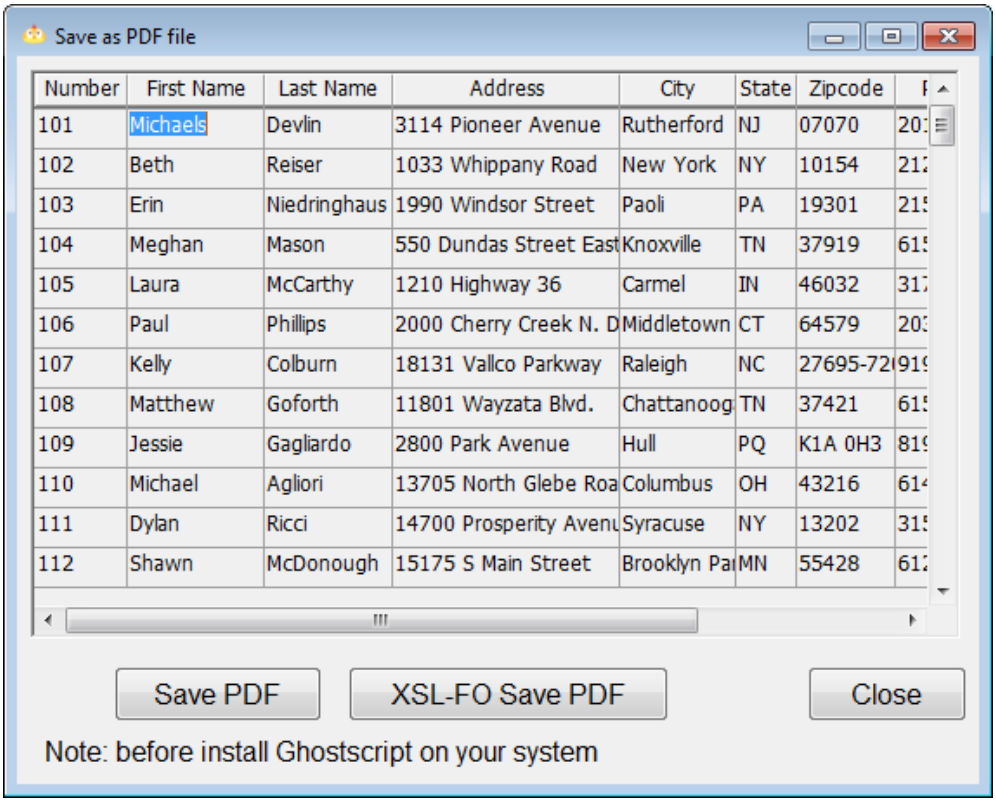


1.15 Wallpaper

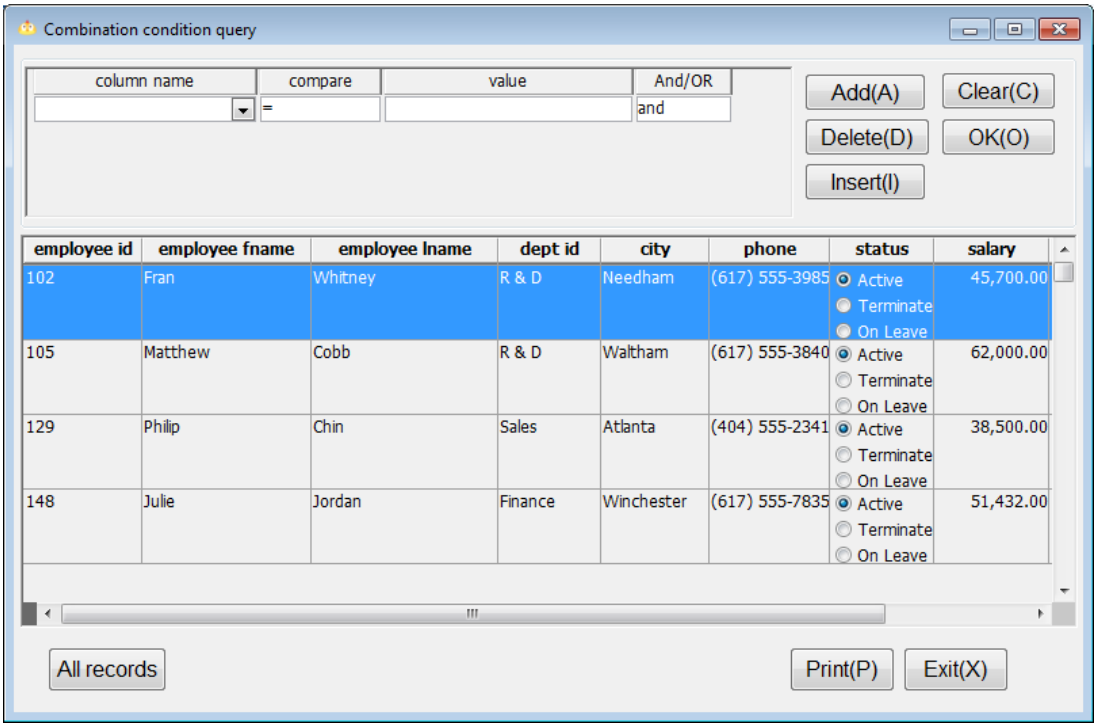


Chapter 2 Data Window

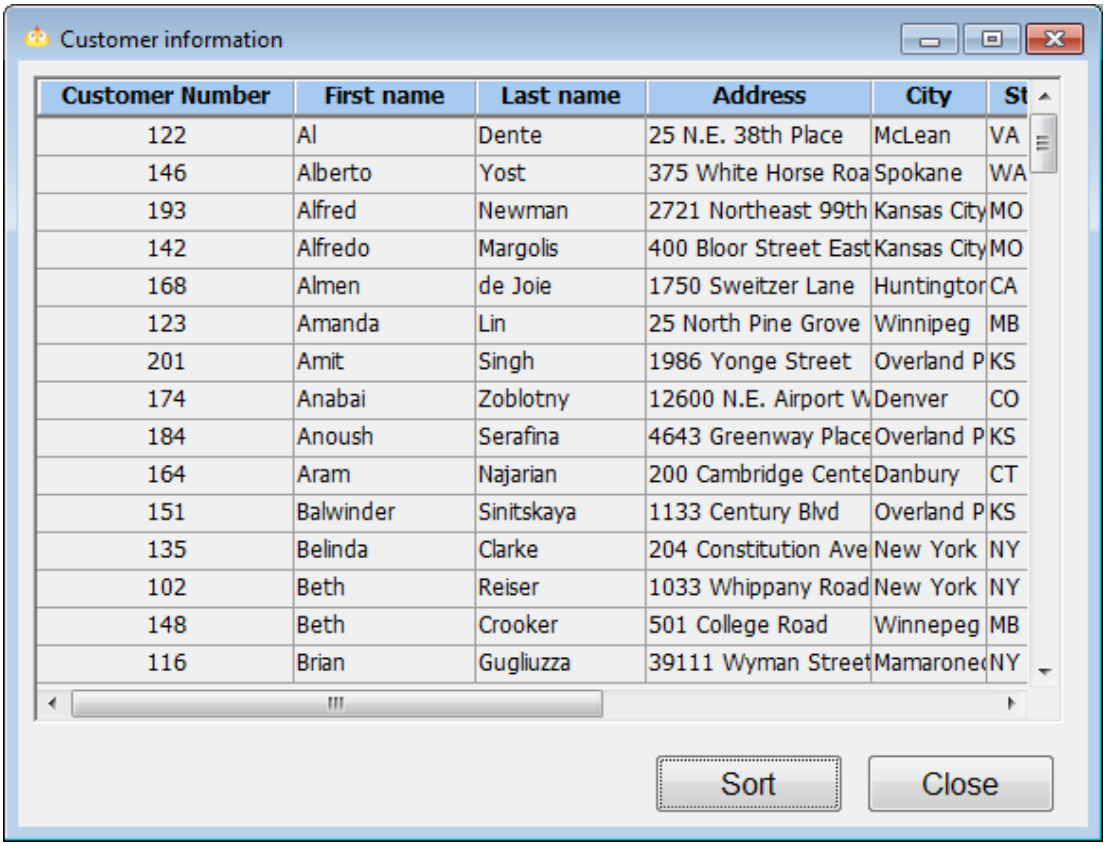
2.1 Data window PDF format document output – PDF



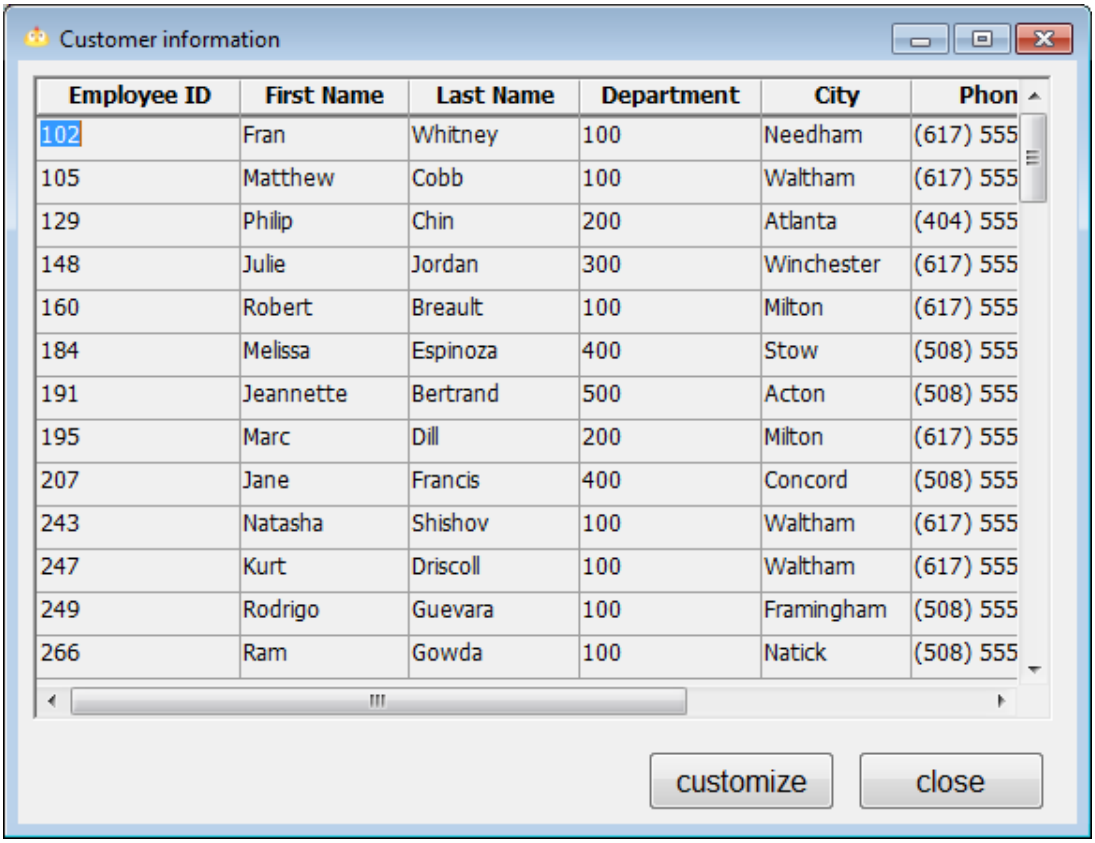
2.2 Data window combination condition query – Query



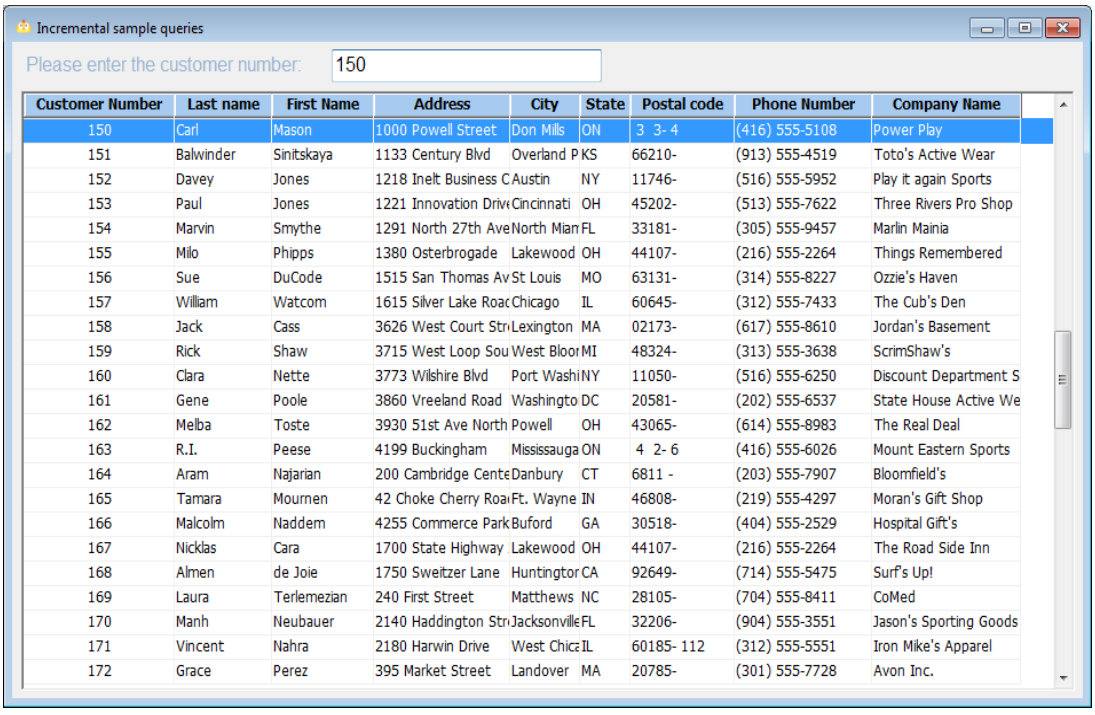
2.3 Universal Sorting of Data Window – UniversalSort



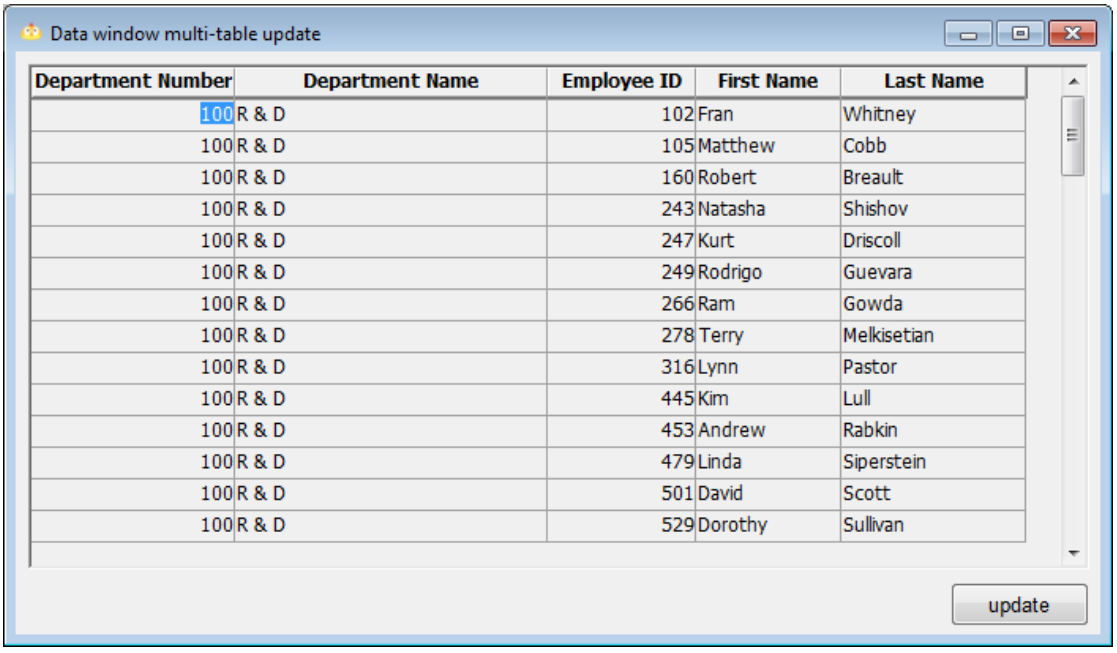
2.4 Implementation of custom window for general display of data window – ColumnVisible



2.5 Incremental query in the data window – zlcx

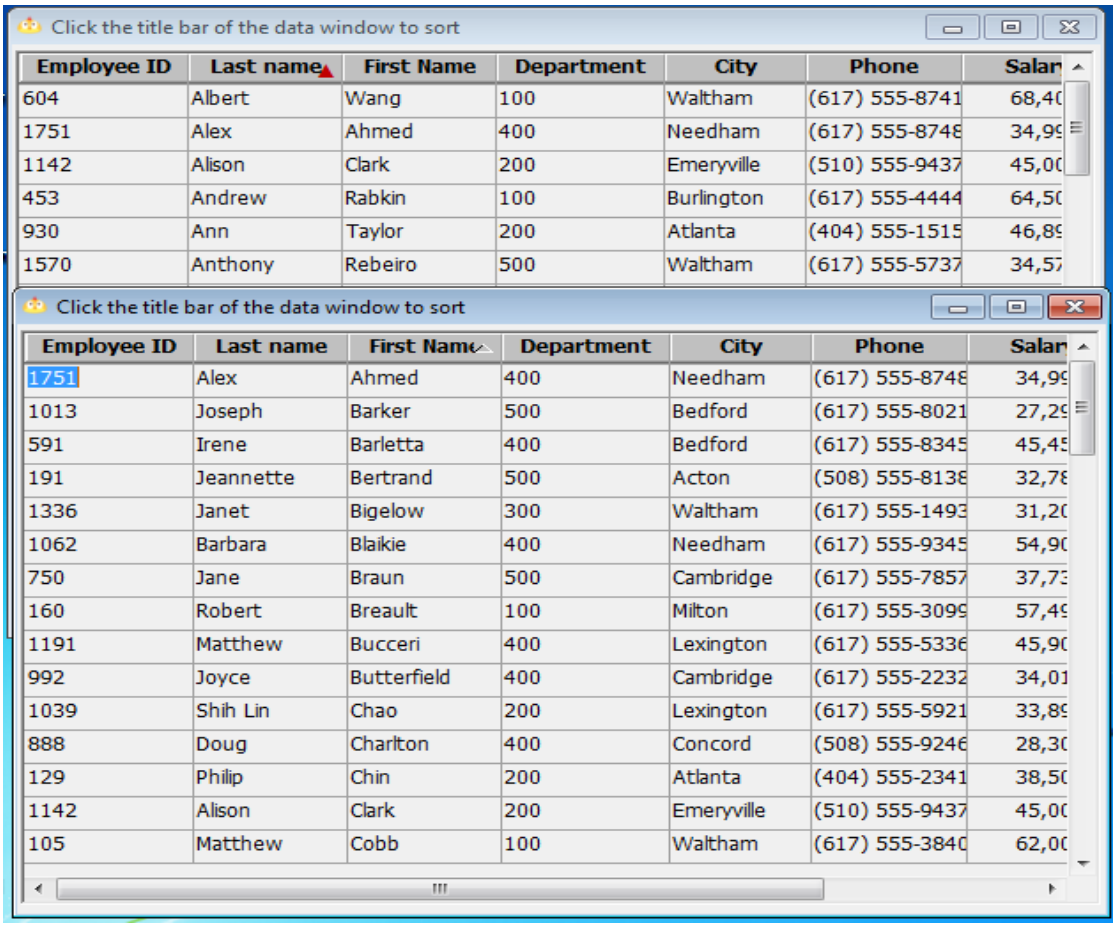


2.6 Multi-table update of data window – UpdateMultable



Department Number	Department Name	Employee ID	First Name	Last Name
100	R & D	102	Fran	Whitney
100	R & D	105	Matthew	Cobb
100	R & D	160	Robert	Breault
100	R & D	243	Natasha	Shishov
100	R & D	247	Kurt	Driscoll
100	R & D	249	Rodrigo	Guevara
100	R & D	266	Ram	Gowda
100	R & D	278	Terry	Melkisetian
100	R & D	316	Lynn	Pastor
100	R & D	445	Kim	Lull
100	R & D	453	Andrew	Rabkin
100	R & D	479	Linda	Siperstein
100	R & D	501	David	Scott
100	R & D	529	Dorothy	Sullivan

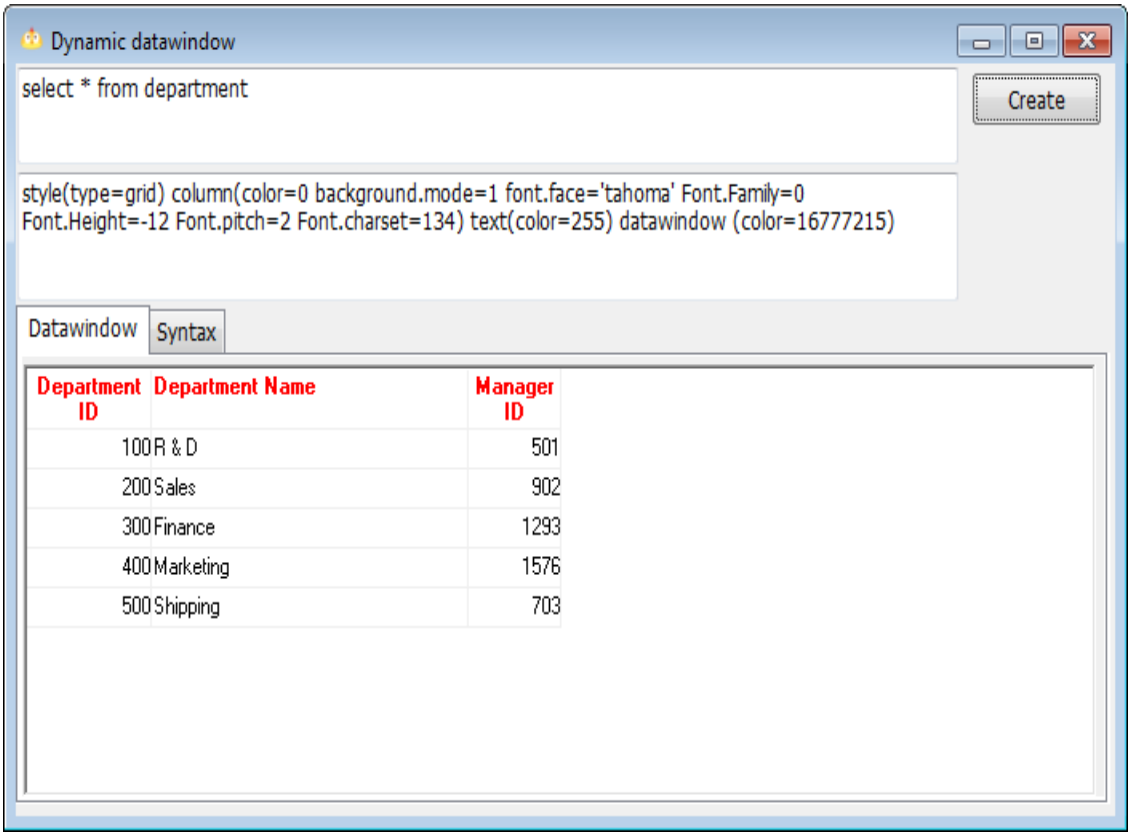
2.7 Click the title bar to sort the data window – TitleSort



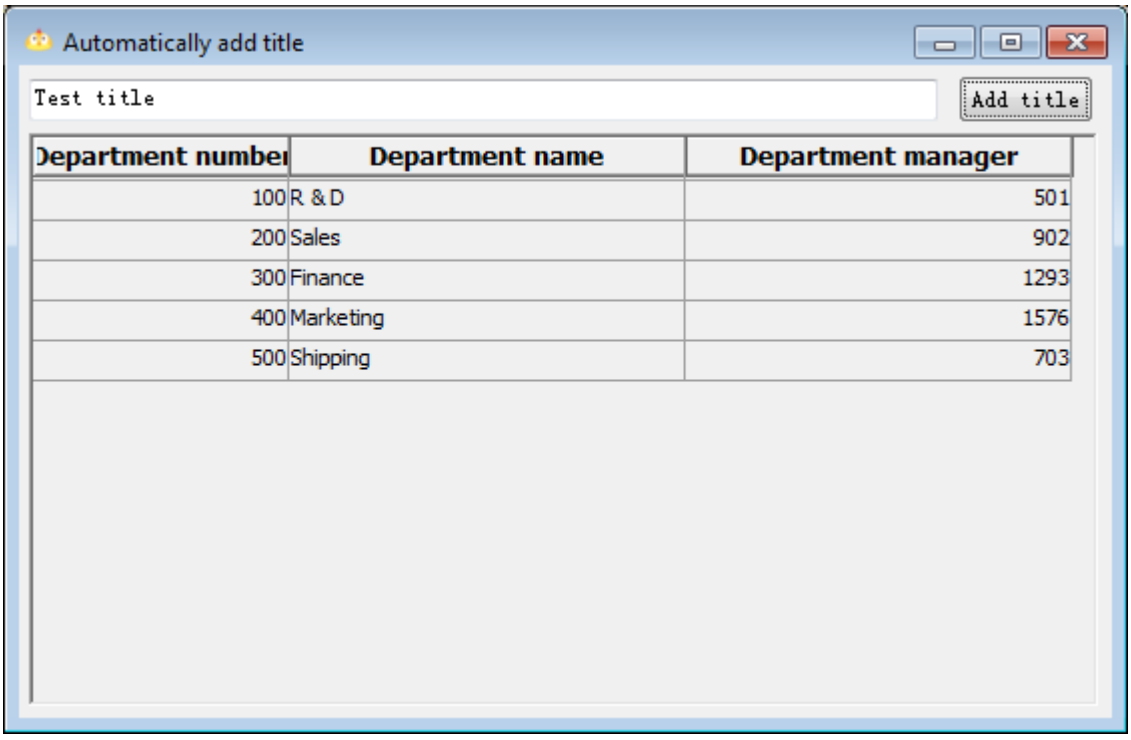
Employee ID	Last name	First Name	Department	City	Phone	Salar
604	Albert	Wang	100	Waltham	(617) 555-8741	68,4(
1751	Alex	Ahmed	400	Needham	(617) 555-8748	34,9(
1142	Alison	Clark	200	Emeryville	(510) 555-9437	45,0(
453	Andrew	Rabkin	100	Burlington	(617) 555-4444	64,5(
930	Ann	Taylor	200	Atlanta	(404) 555-1515	46,8(
1570	Anthony	Rebeiro	500	Waltham	(617) 555-5737	34,5(

Employee ID	Last name	First Name	Department	City	Phone	Salar
1751	Alex	Ahmed	400	Needham	(617) 555-8748	34,9(
1013	Joseph	Barker	500	Bedford	(617) 555-8021	27,2(
591	Irene	Barletta	400	Bedford	(617) 555-8345	45,4(
191	Jeannette	Bertrand	500	Acton	(508) 555-8138	32,7(
1336	Janet	Bigelow	300	Waltham	(617) 555-1493	31,2(
1062	Barbara	Blaikie	400	Needham	(617) 555-9345	54,9(
750	Jane	Braun	500	Cambridge	(617) 555-7857	37,7(
160	Robert	Breault	100	Milton	(617) 555-3099	57,4(
1191	Matthew	Bucceri	400	Lexington	(617) 555-5336	45,9(
992	Joyce	Butterfield	400	Cambridge	(617) 555-2232	34,0(
1039	Shih Lin	Chao	200	Lexington	(617) 555-5921	33,8(
888	Doug	Charlton	400	Concord	(508) 555-9246	28,3(
129	Philip	Chin	200	Atlanta	(404) 555-2341	38,5(
1142	Alison	Clark	200	Emeryville	(510) 555-9437	45,0(
105	Matthew	Cobb	100	Waltham	(617) 555-3840	62,0(

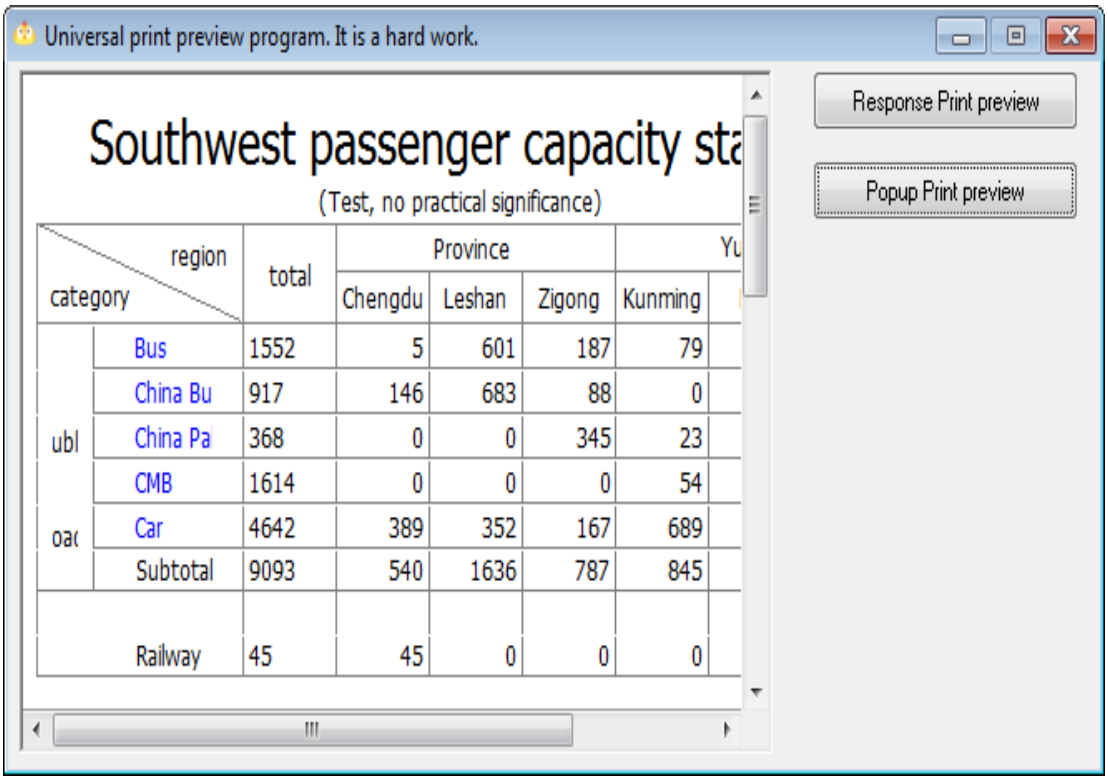
2.8 Dynamic Data Window – DynamicDataWindow

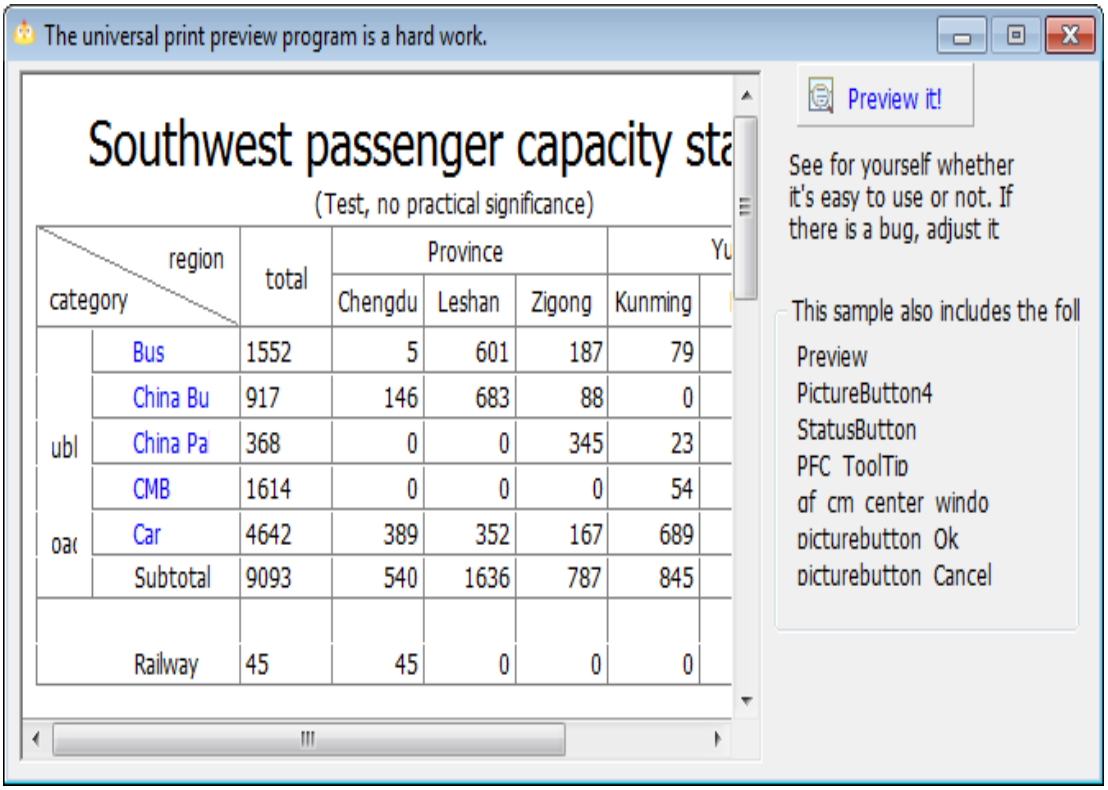


2.9 Composite Data Window – AddTitle

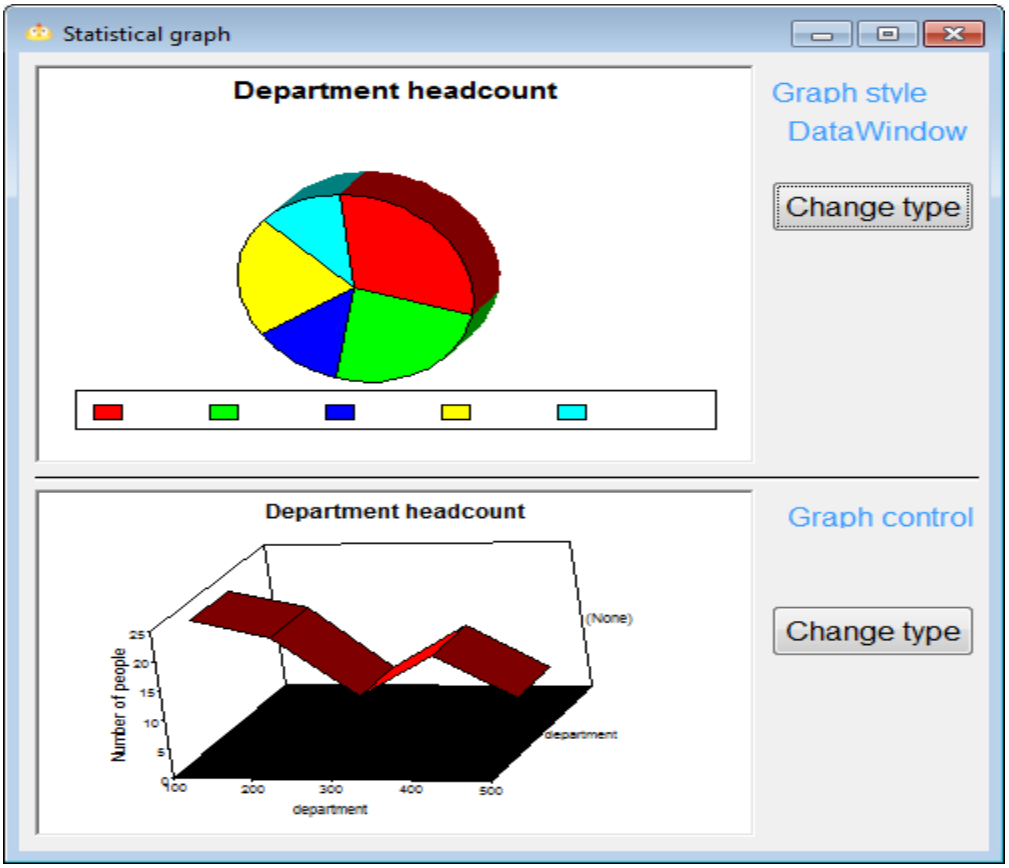


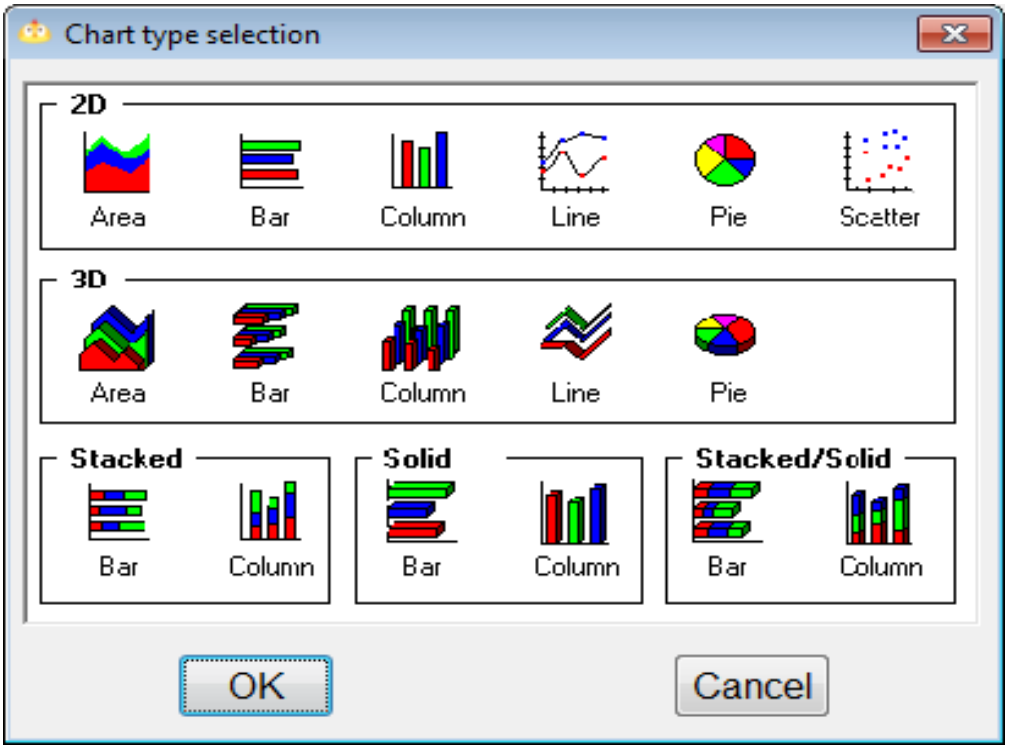
2.10 Data window print processing - PrintPreview/PrintPreview3 (The contents of PrintPreview and PrintPreview3 are the same, but there are some differences in implementation)



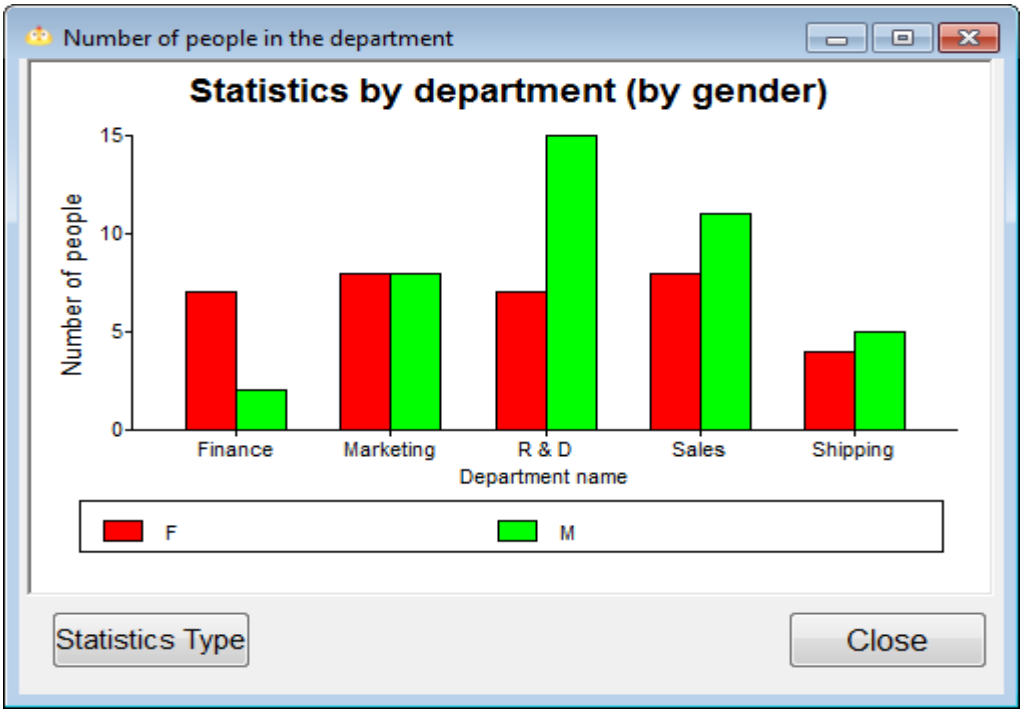


2.11 The dynamic change of the data window statistical graph type – GraphType

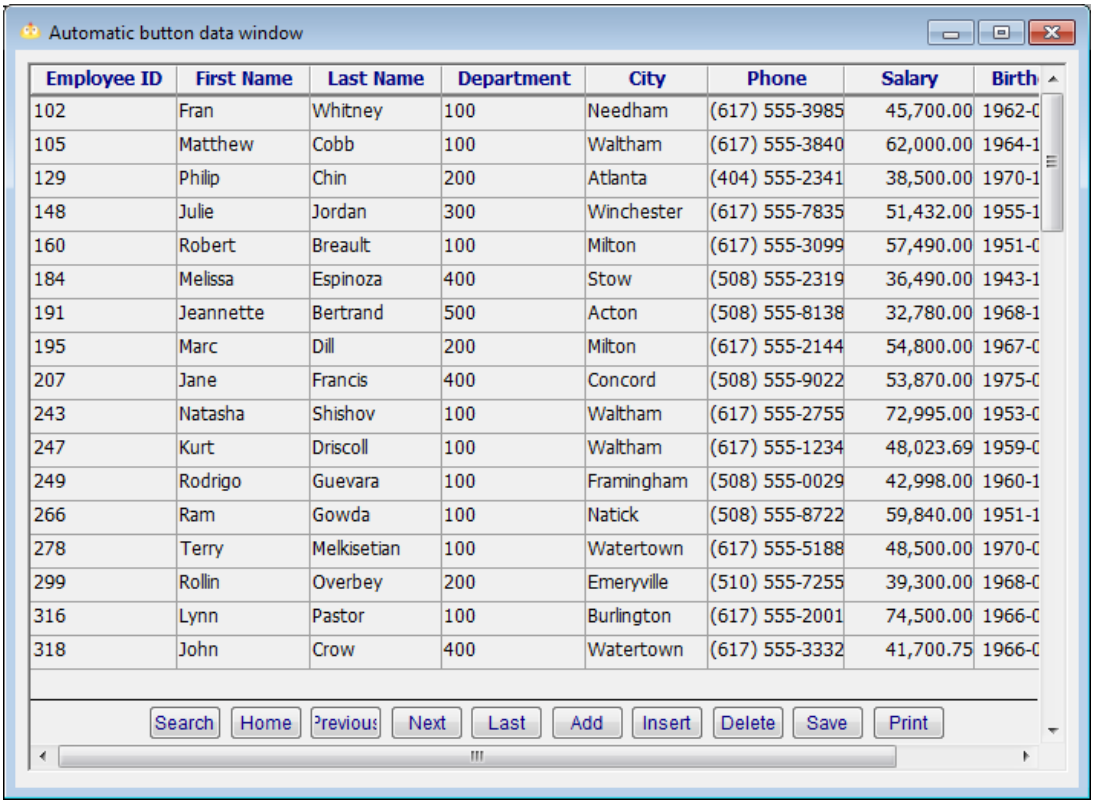




2.12 Realization of dynamic display of statistical graph values ??in data window – GraphValue



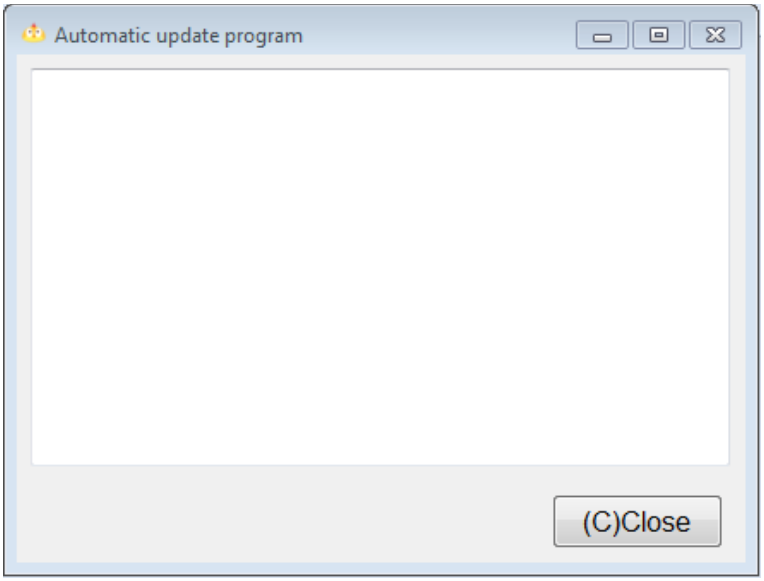
2.13 The encapsulation of the button in the data window – DwButton



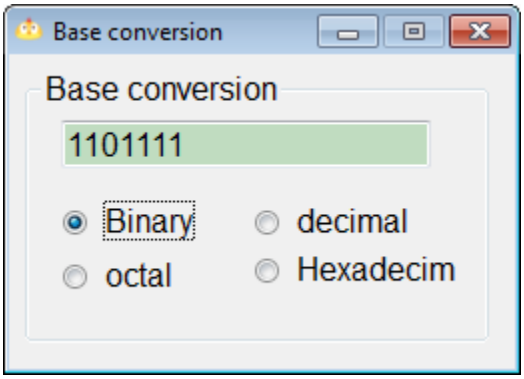
Employee ID	First Name	Last Name	Department	City	Phone	Salary	Birth
102	Fran	Whitney	100	Needham	(617) 555-3985	45,700.00	1962-0
105	Matthew	Cobb	100	Waltham	(617) 555-3840	62,000.00	1964-1
129	Philip	Chin	200	Atlanta	(404) 555-2341	38,500.00	1970-1
148	Julie	Jordan	300	Winchester	(617) 555-7835	51,432.00	1955-1
160	Robert	Breault	100	Milton	(617) 555-3099	57,490.00	1951-0
184	Melissa	Espinoza	400	Stow	(508) 555-2319	36,490.00	1943-1
191	Jeannette	Bertrand	500	Acton	(508) 555-8138	32,780.00	1968-1
195	Marc	Dill	200	Milton	(617) 555-2144	54,800.00	1967-0
207	Jane	Francis	400	Concord	(508) 555-9022	53,870.00	1975-0
243	Natasha	Shishov	100	Waltham	(617) 555-2755	72,995.00	1953-0
247	Kurt	Driscoll	100	Waltham	(617) 555-1234	48,023.69	1959-0
249	Rodrigo	Guevara	100	Framingham	(508) 555-0029	42,998.00	1960-1
266	Ram	Gowda	100	Natick	(508) 555-8722	59,840.00	1951-1
278	Terry	Melkisetian	100	Watertown	(617) 555-5188	48,500.00	1970-0
299	Rollin	Overbey	200	Emeryville	(510) 555-7255	39,300.00	1968-0
316	Lynn	Pastor	100	Burlington	(617) 555-2001	74,500.00	1966-0
318	John	Crow	400	Watertown	(617) 555-3332	41,700.75	1966-0

Chapter 3 PowerScript

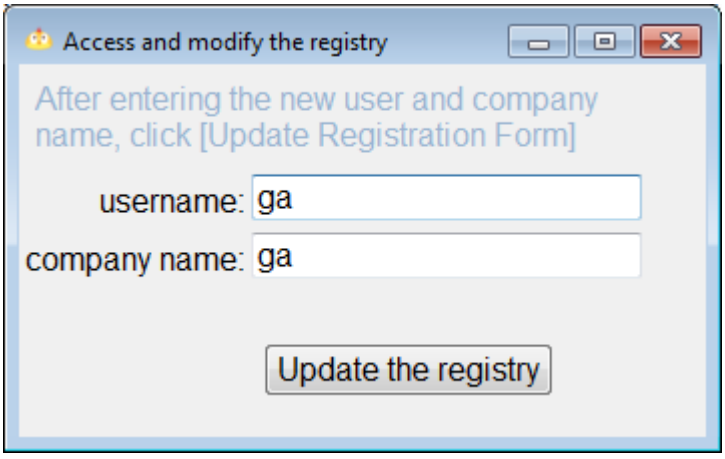
3.2 Realize the automatic upgrade of the client program – CSUPgrade



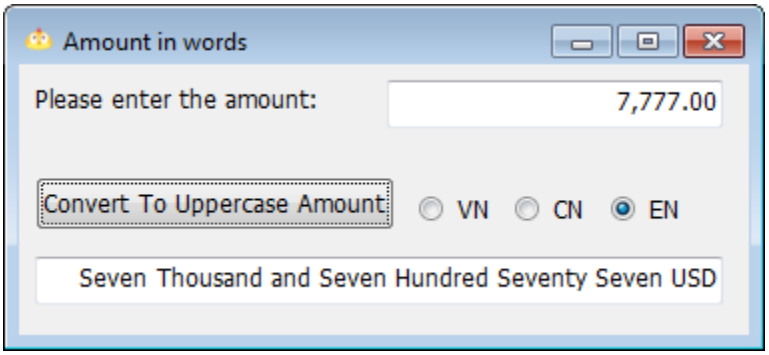
3.3 Base Conversion – NumberConvert



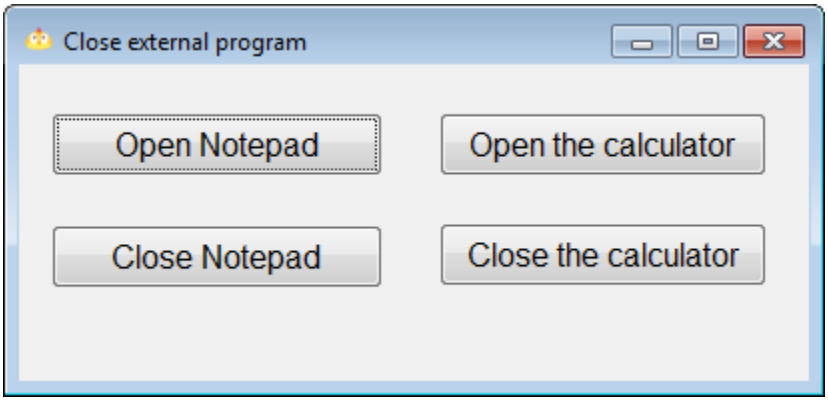
3.4 Registry function application – Regedit



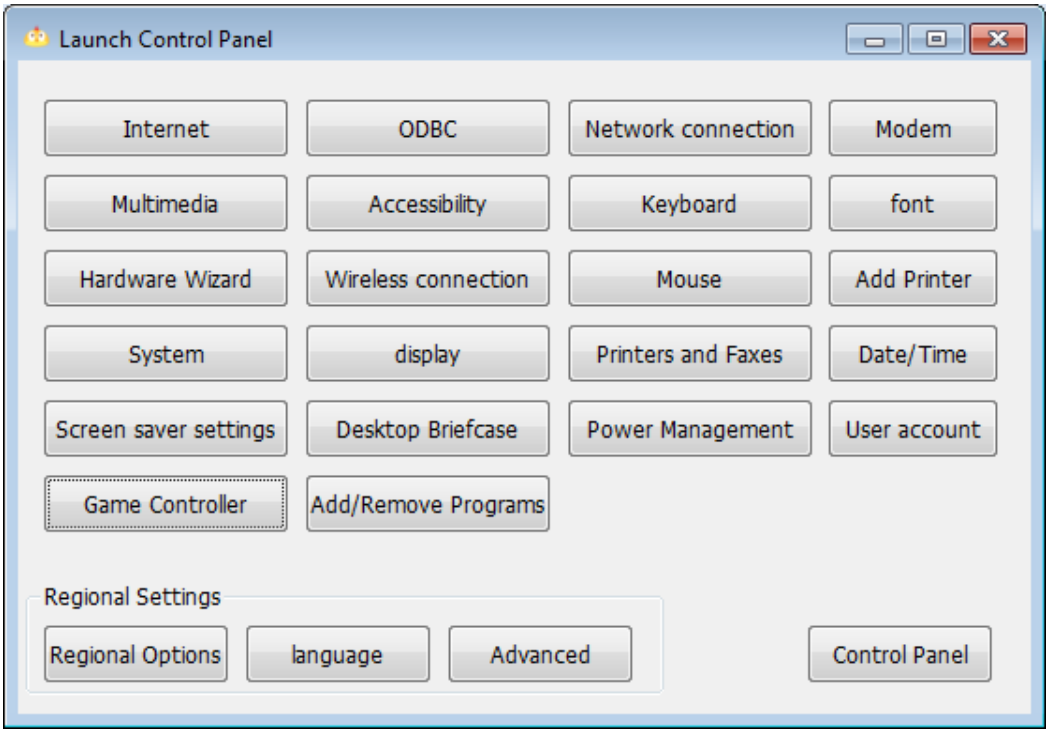
3.5 RMB uppercase conversion function – AmountUppder



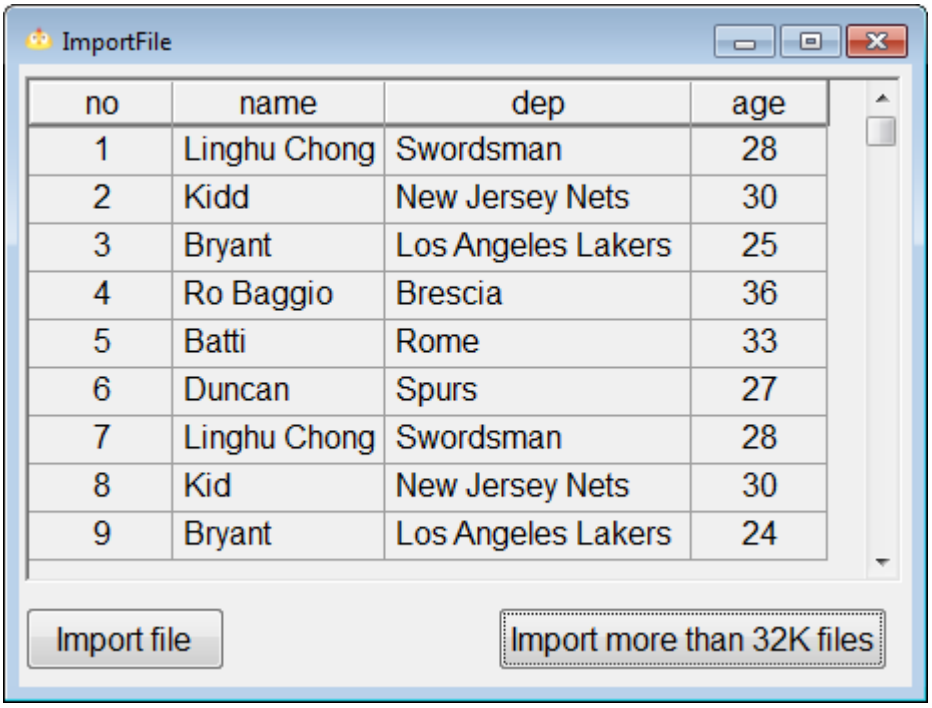
3.6 Close the external program in the application – CloseApp



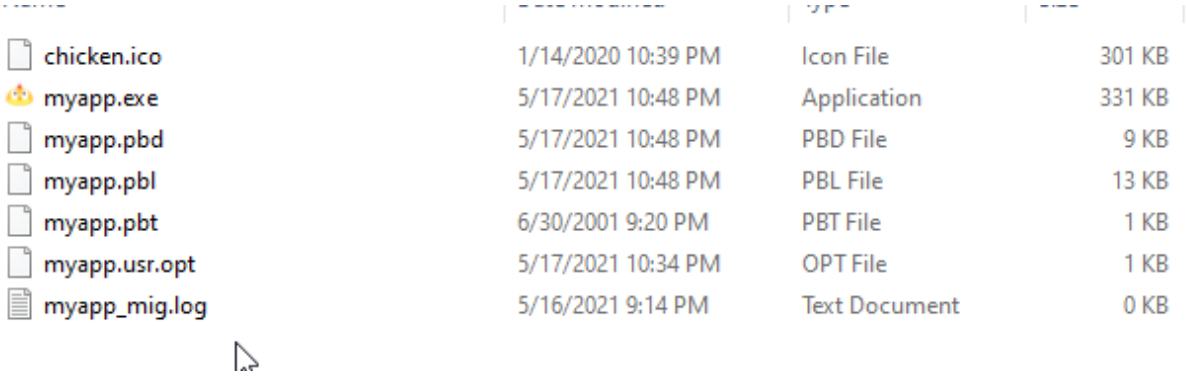
3.7 Start the control panel project in the application – RunControl



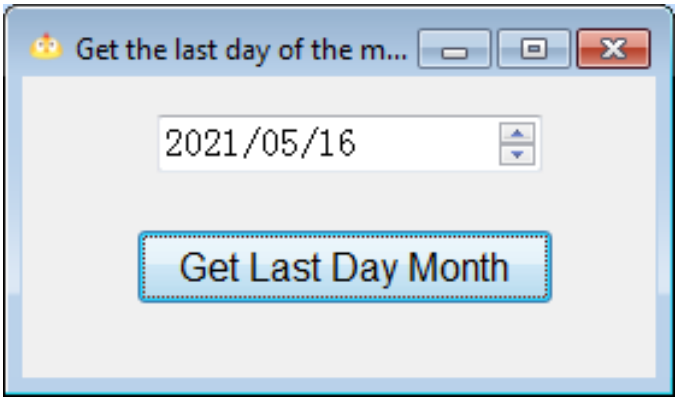
3.8 Import Data Window for Non-Tab Delimited Text File – ImportFile



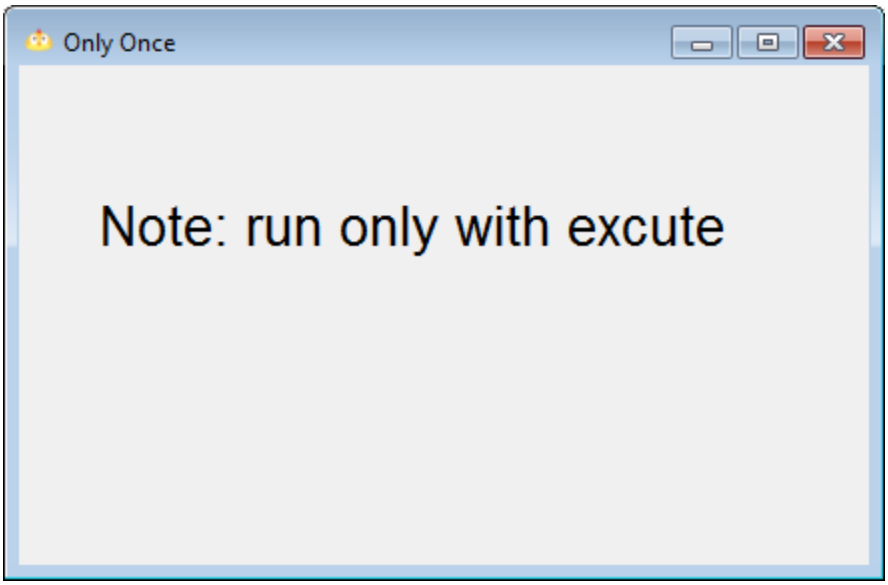
3.9 Run the compiled program with parameters – CommandParm



3.10 Get the last day of the month function – GetLastDay

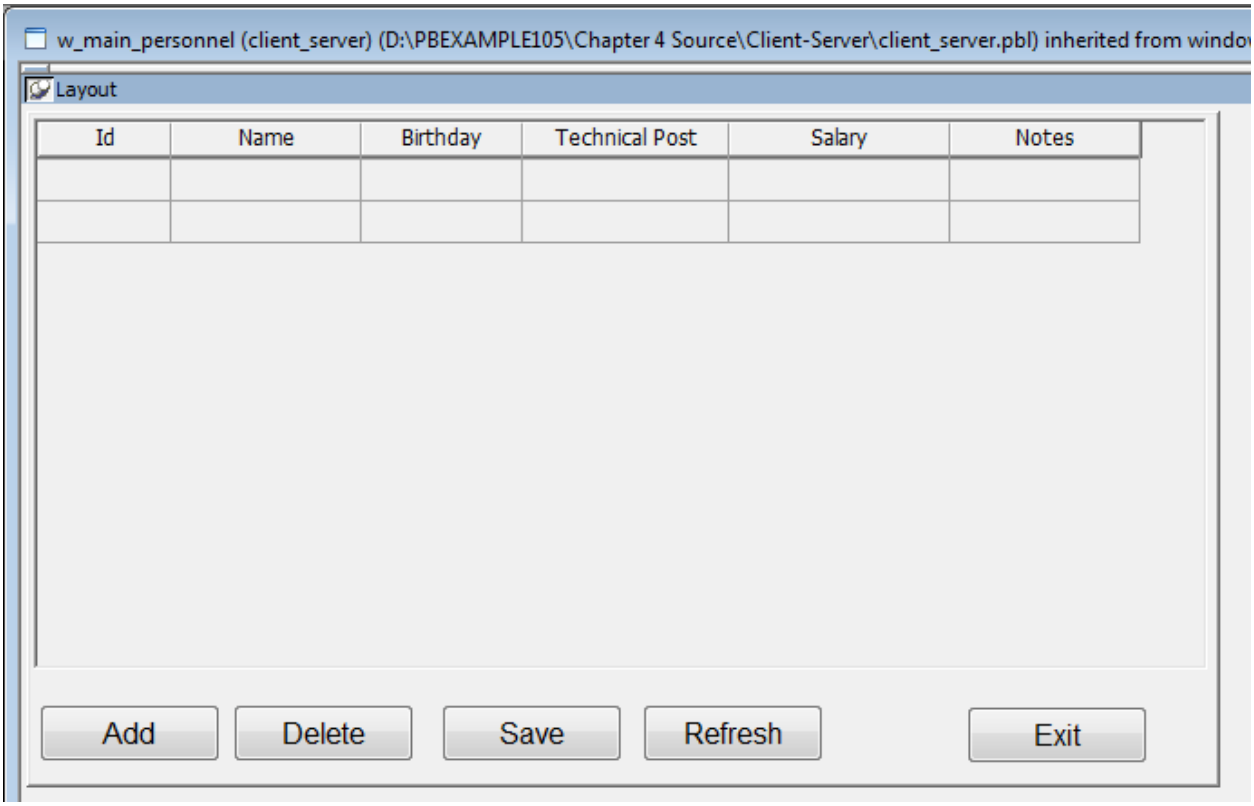


3.11 Restrict the same program to run multiple times - OnlyOnce Resource file used in this chapter – pic

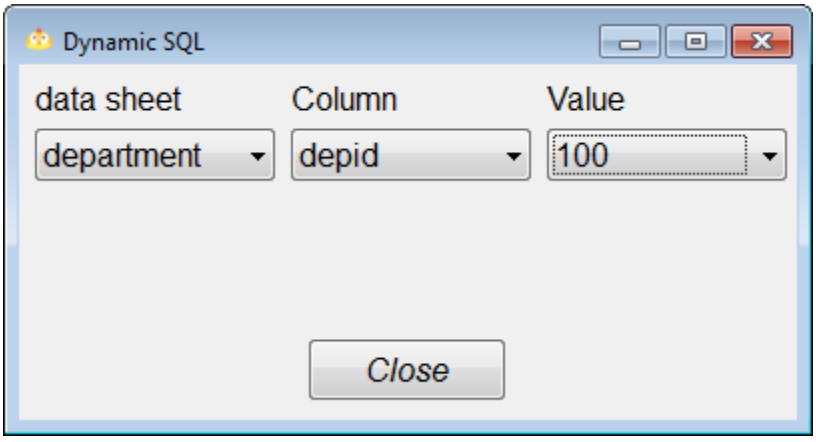


Chapter 4 Database and SQL

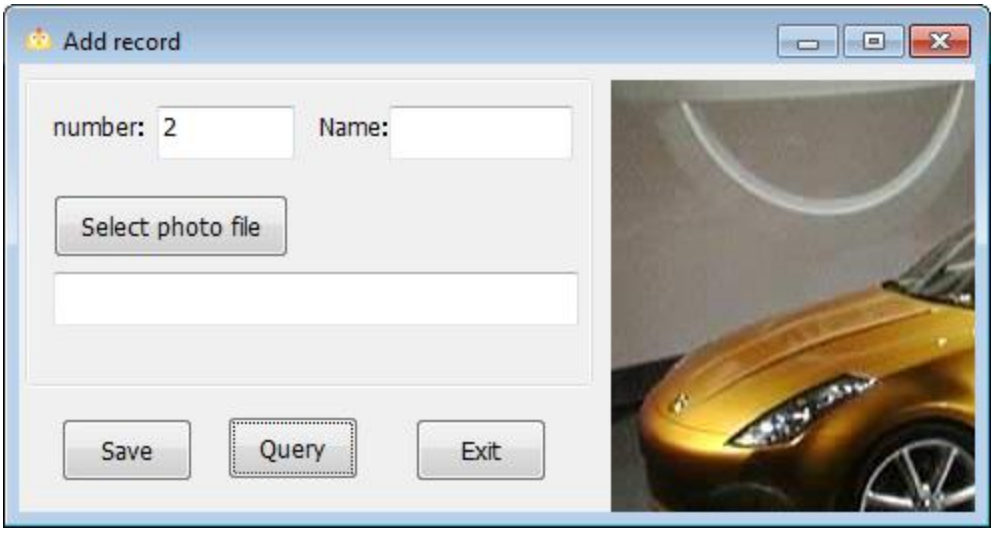
4.2 PowerBuilder + ASA8 C/S programming - Client-Server



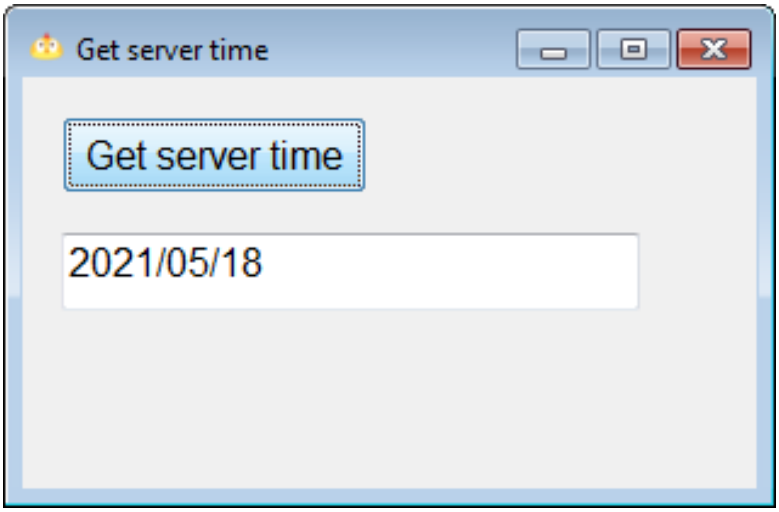
4.4 Dynamic SQL and its application – DynamicSQL



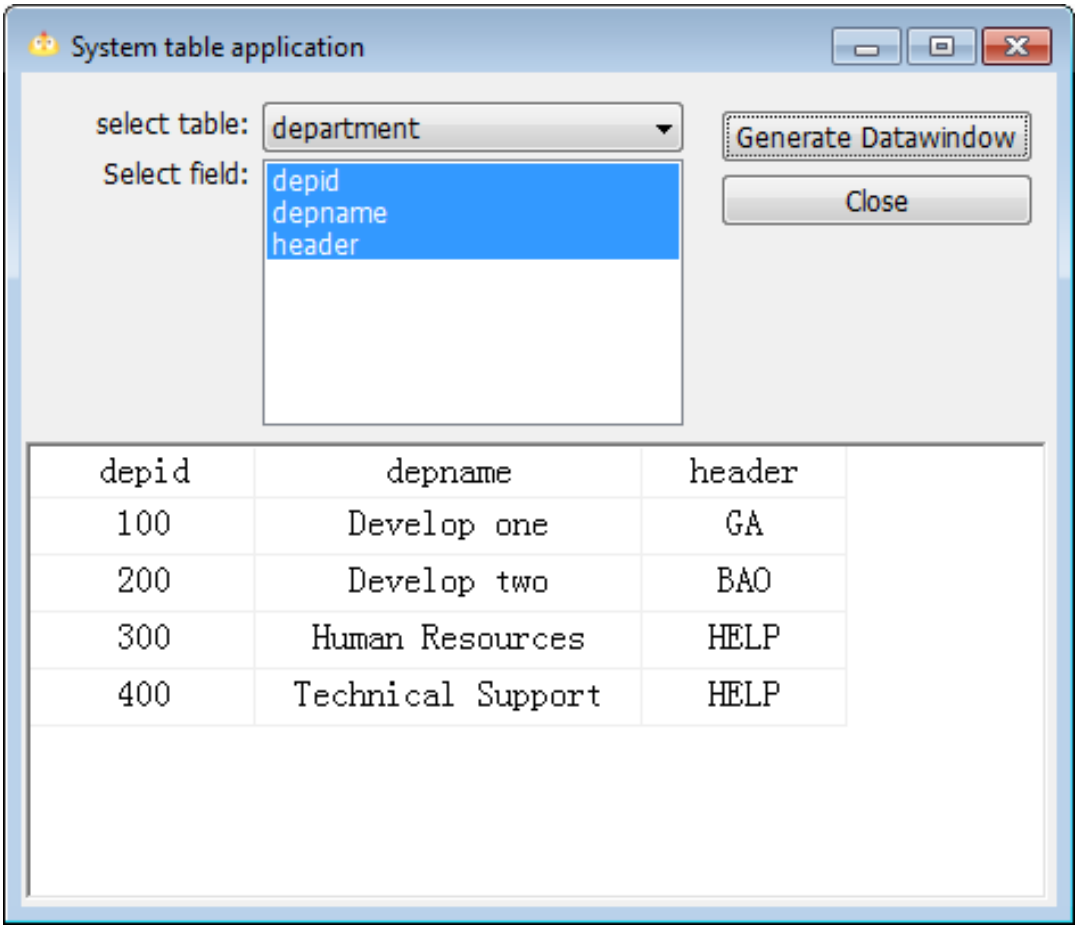
4.5 Accessing Binary Large Objects – Blob



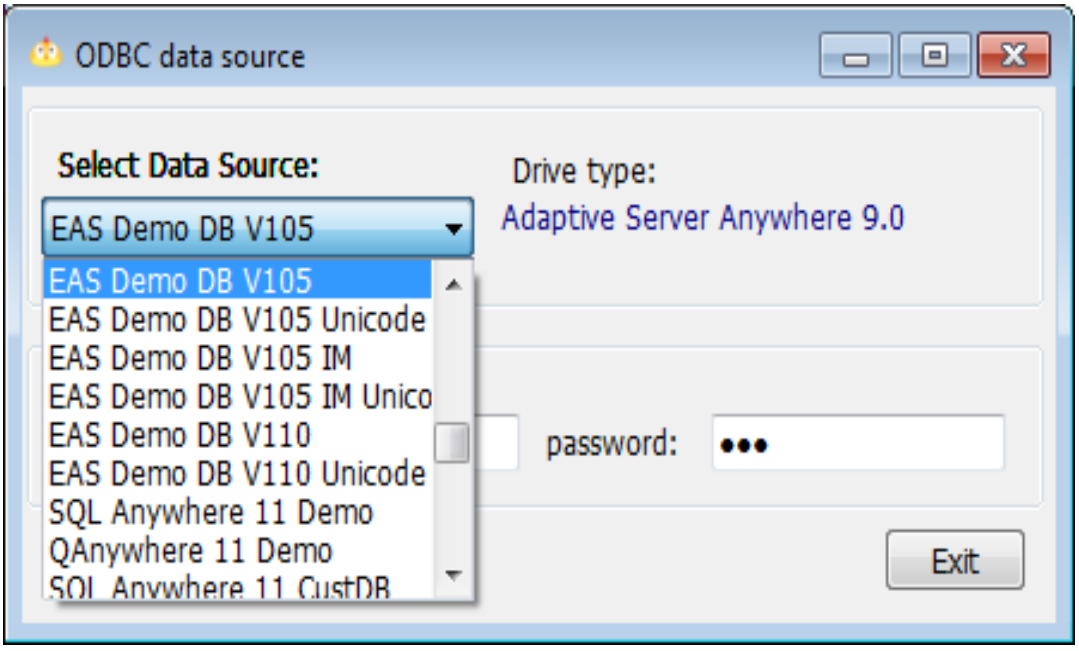
4.6 PowerBuilder application gets server time – GetServerTime



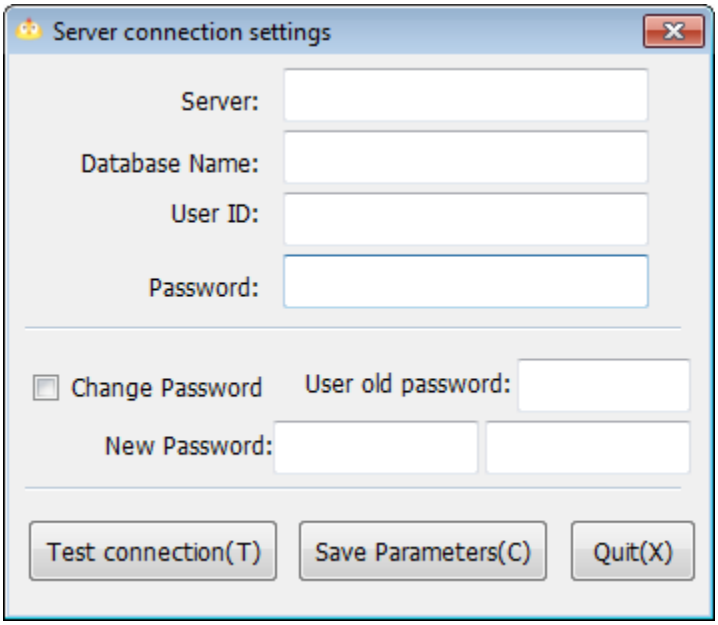
4.7 PowerBuilder extended attribute system table and its application – SystemTable



4.8 Connect to any ODBC data source – ODBCList

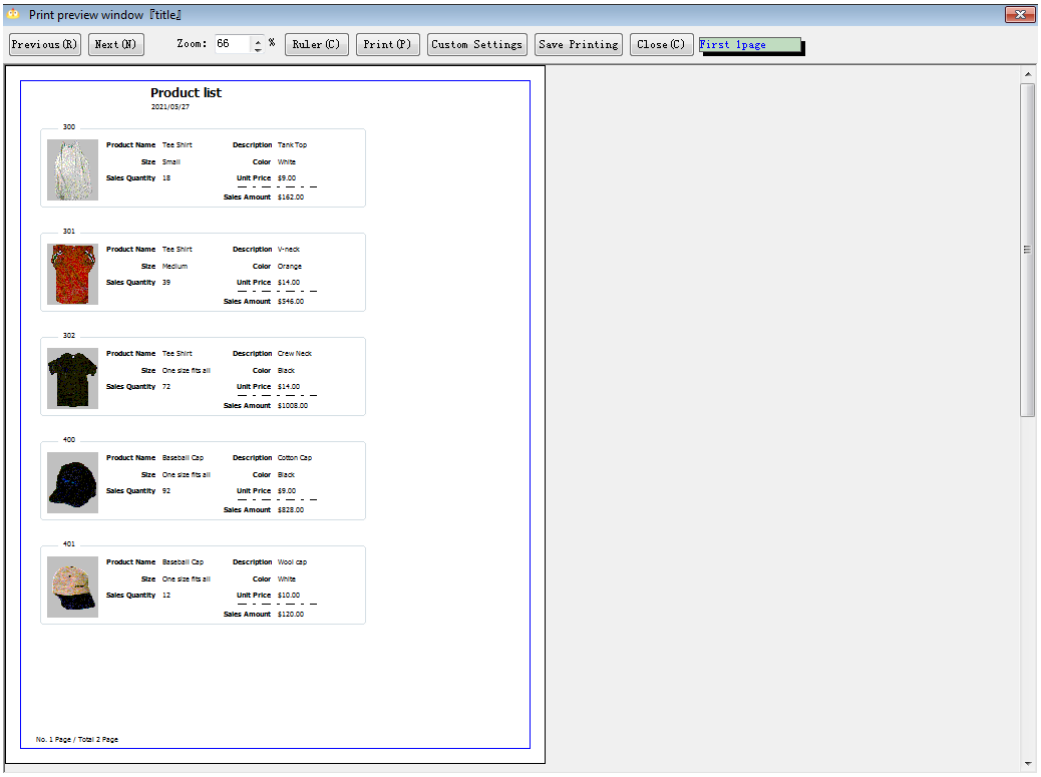


4.9 Database connection with customizable parameters – ServerSet



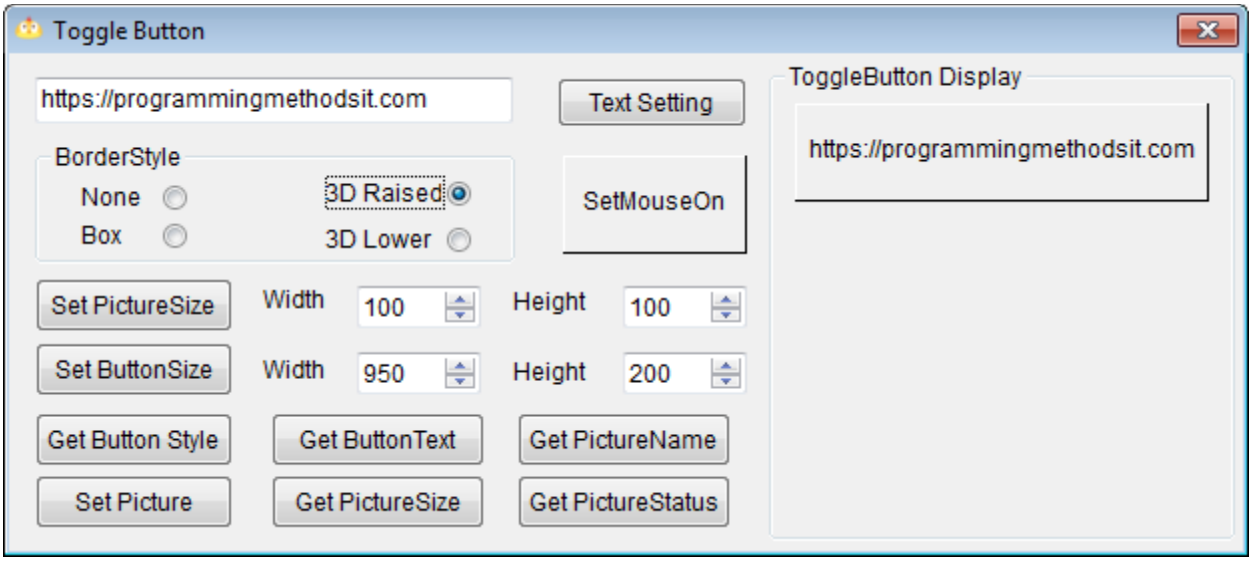
Chapter 5 Printing Topics

General printing example – Print

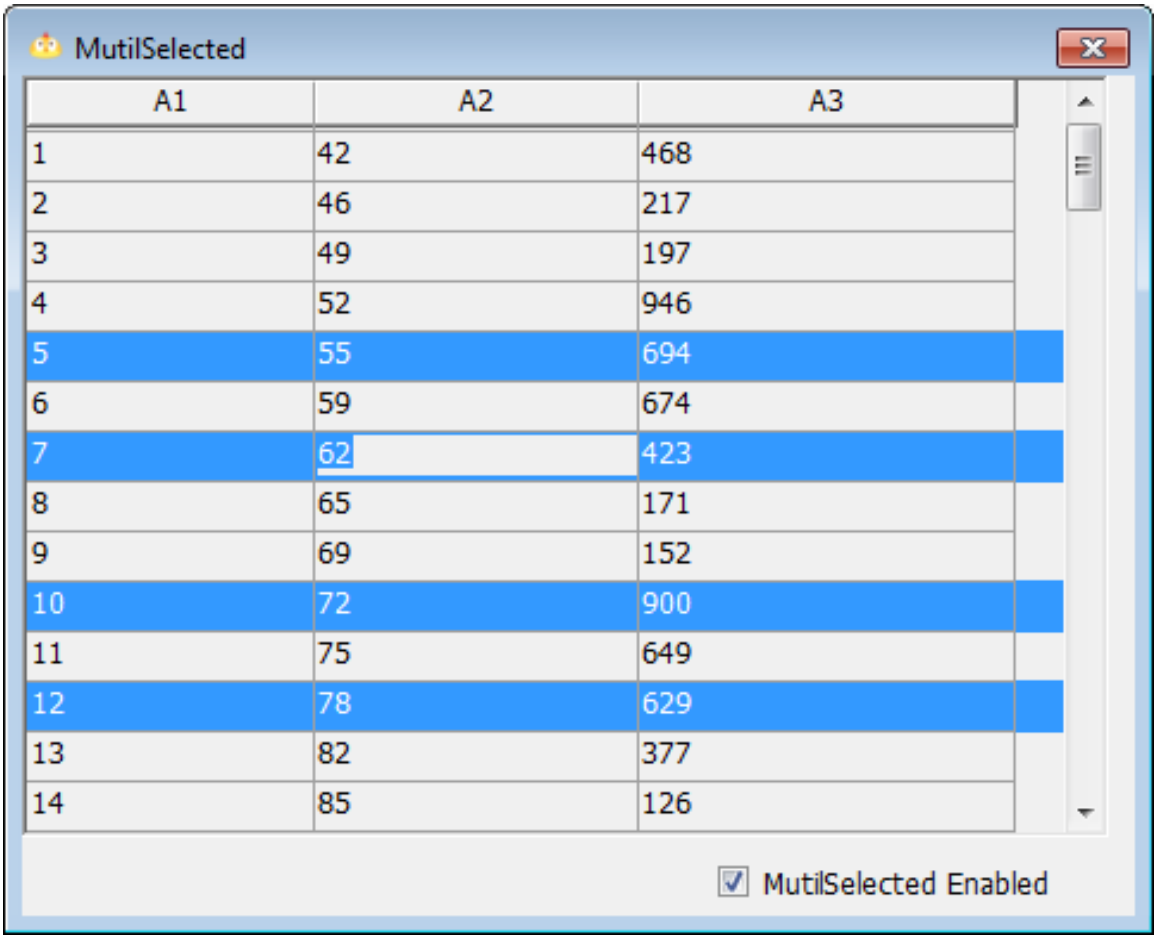


Chapter 6 User Objects

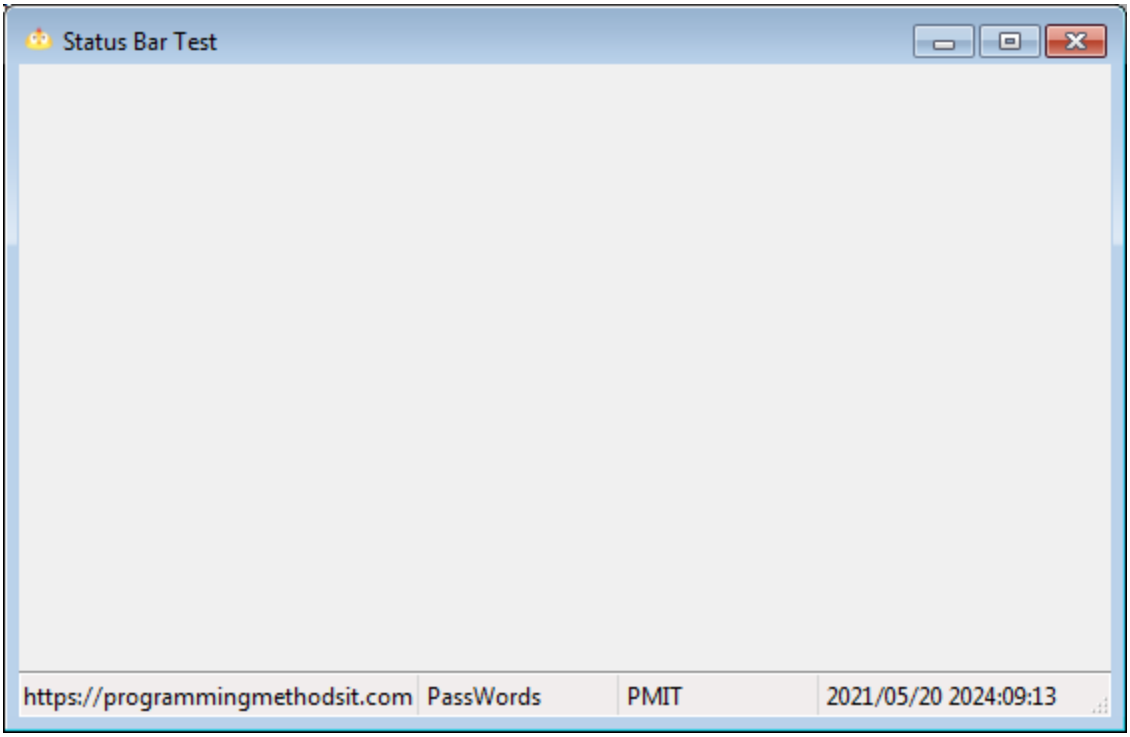
6.1.1 Create a customized user object (create a pop-up button) – ToggleButton



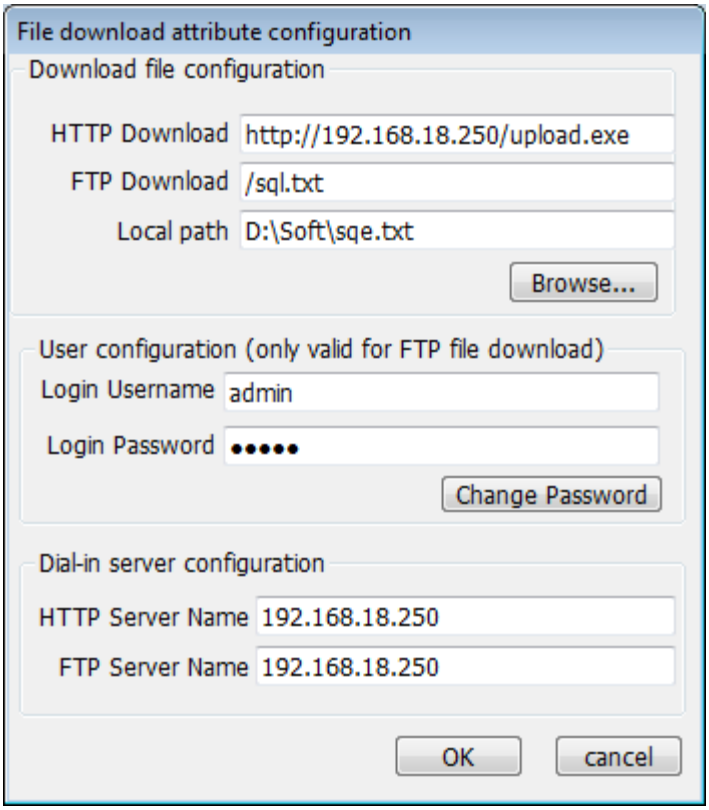
6.1.2 Create a standard visual user object (extended data window) – Datawindow



6.1.3 Create a visual external user object (status bar) – StatusBar

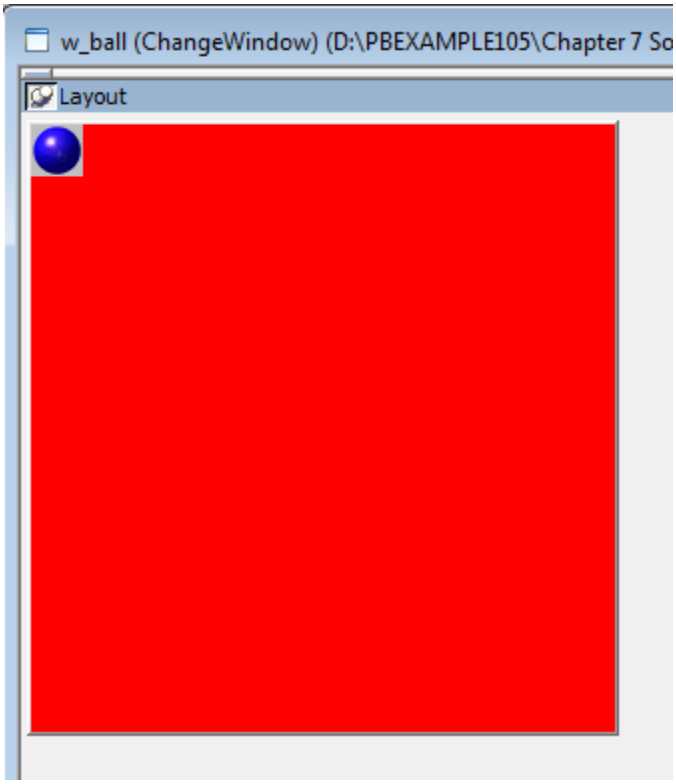


6.2.2 Create a general invisible user object (FTP application) – Ftp



Chapter 7 API

7.2.1 Change the display style of the window – ChangeWindow



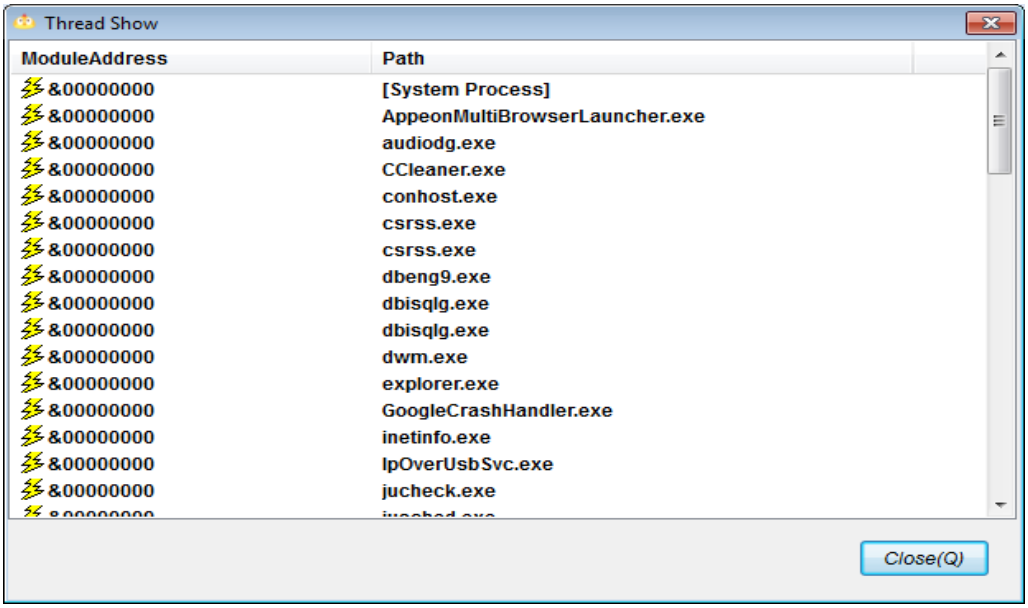
7.2.2 Make the picture of the window transparent – TransWindow

7.2.3 Change the closing style of the window – CloseStyle

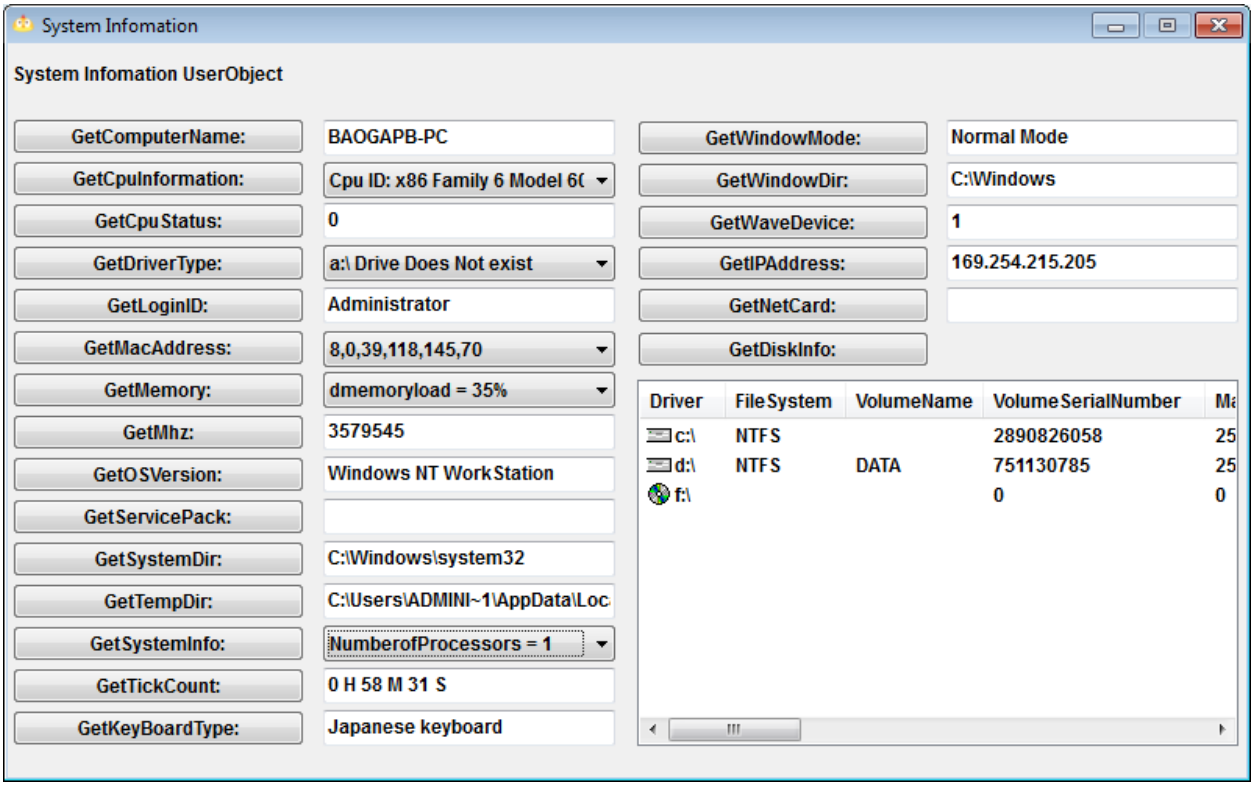
chicken.ico	1/14/2020 10:39 PM	Icon File	301 KB
CloseStyle.pbt	9/5/2001 1:24 AM	PBT File	1 KB
CloseStyle.usr.opt	5/20/2021 10:48 PM	OPT File	1 KB
CloseStyle_mig.log	5/20/2021 9:40 PM	Text Document	1 KB
closew.exe	5/20/2021 10:51 PM	Application	331 KB
closewindow.pbd	5/20/2021 10:51 PM	PBD File	23 KB
closewindow.pbl	5/20/2021 10:51 PM	PBL File	39 KB

7.2.4 Realize the copy and paste of graphics and simple processing of images in PB – PictureBox

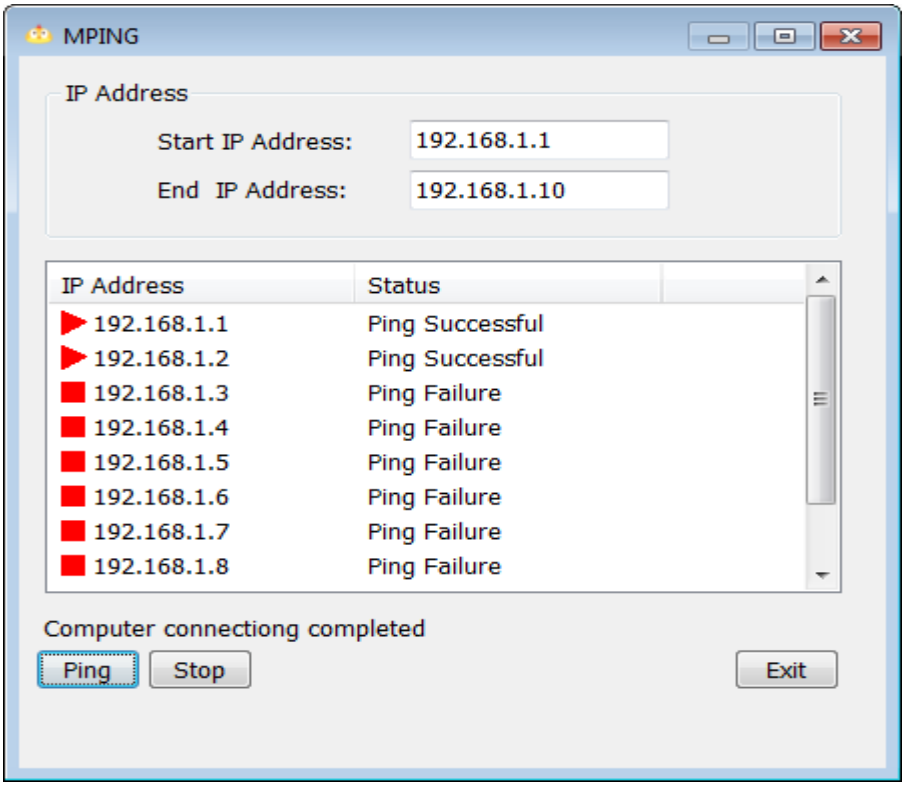
7.3.1 Get the internal process of the system - System Thread



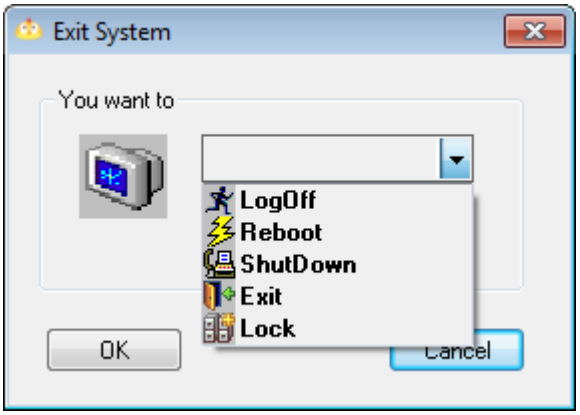
7.3.2 Obtain basic system information – SystemInformation



7.4.1 Checking the connectivity of the physical network – Mping

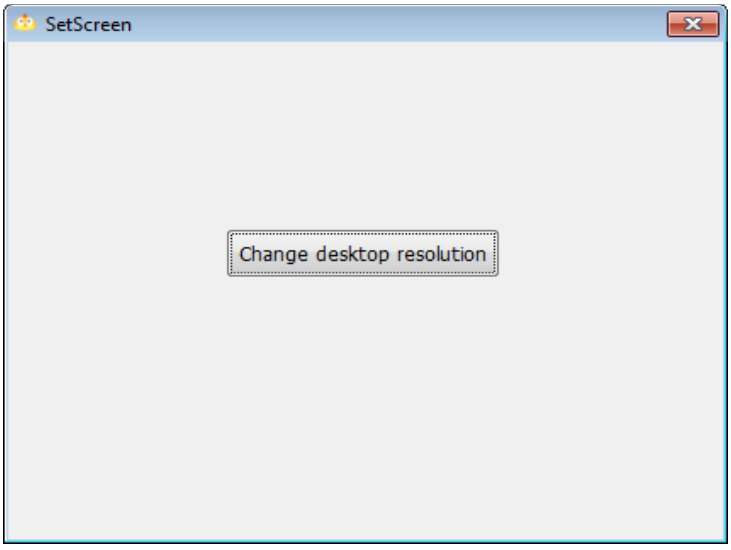


7.4.2 Shut down, restart, log off the computer – ExitWindow



7.5.1 Use Visual C++ to develop dynamic link library - DllForPb9

7.5.2 Use Delphi to develop dynamic link library – SetScreen



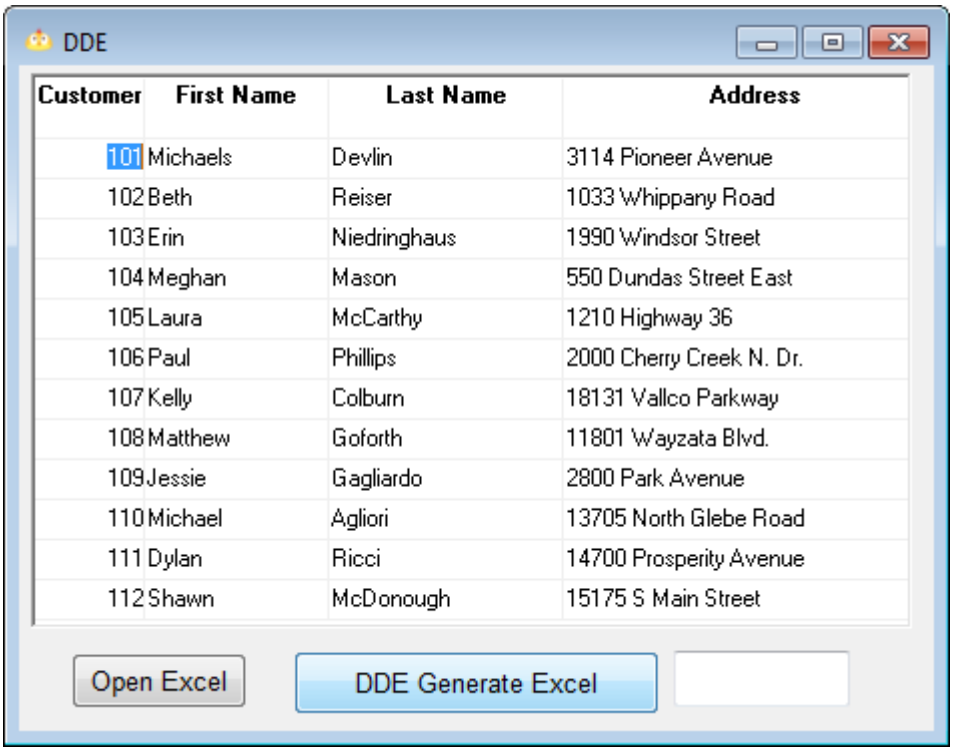
7.5.3 Use Visual Basic to develop ActiveX dynamic link library - CPUInfo

Chapter 8 pipeline

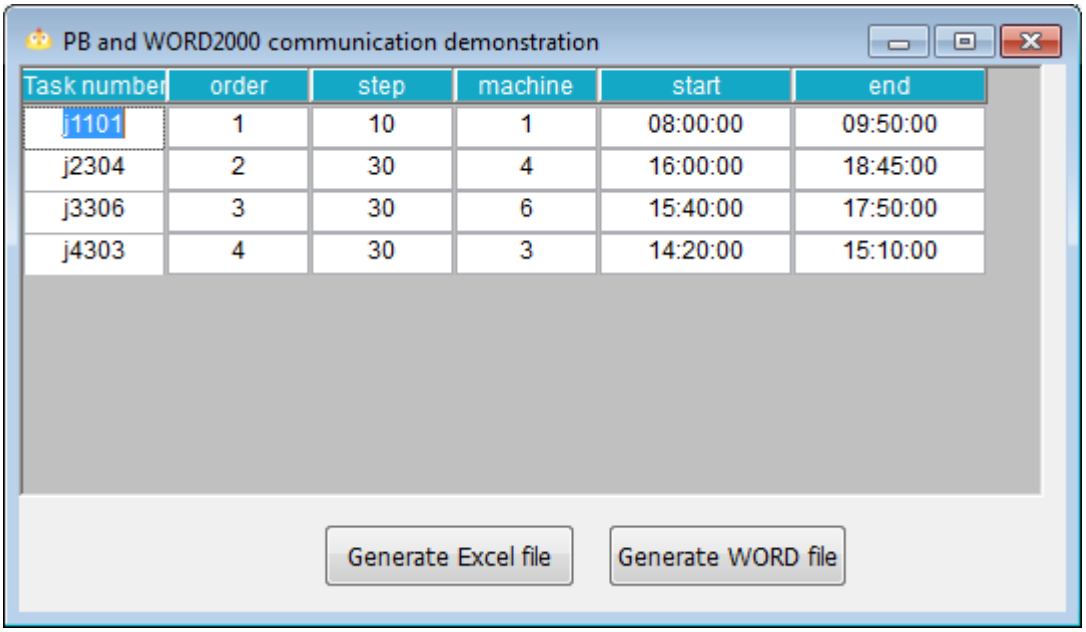
Data pipeline - pipeline

Chapter 9 DDE, OLE, COM Use Technology

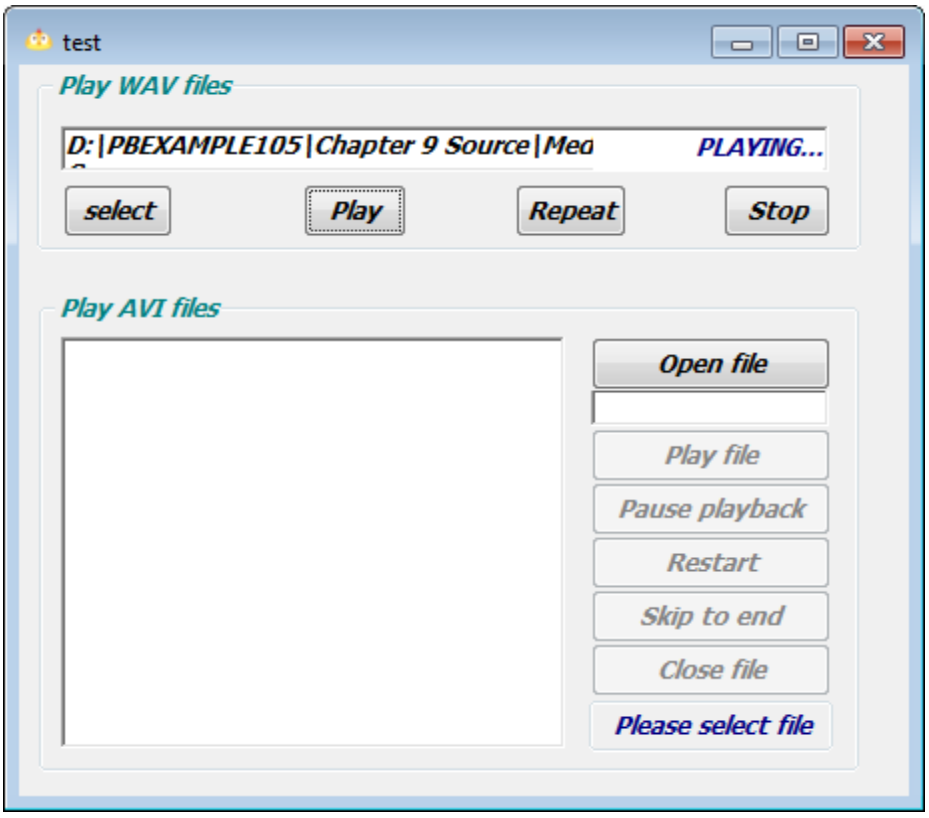
9.1.3 DDE client implementation steps – DDE



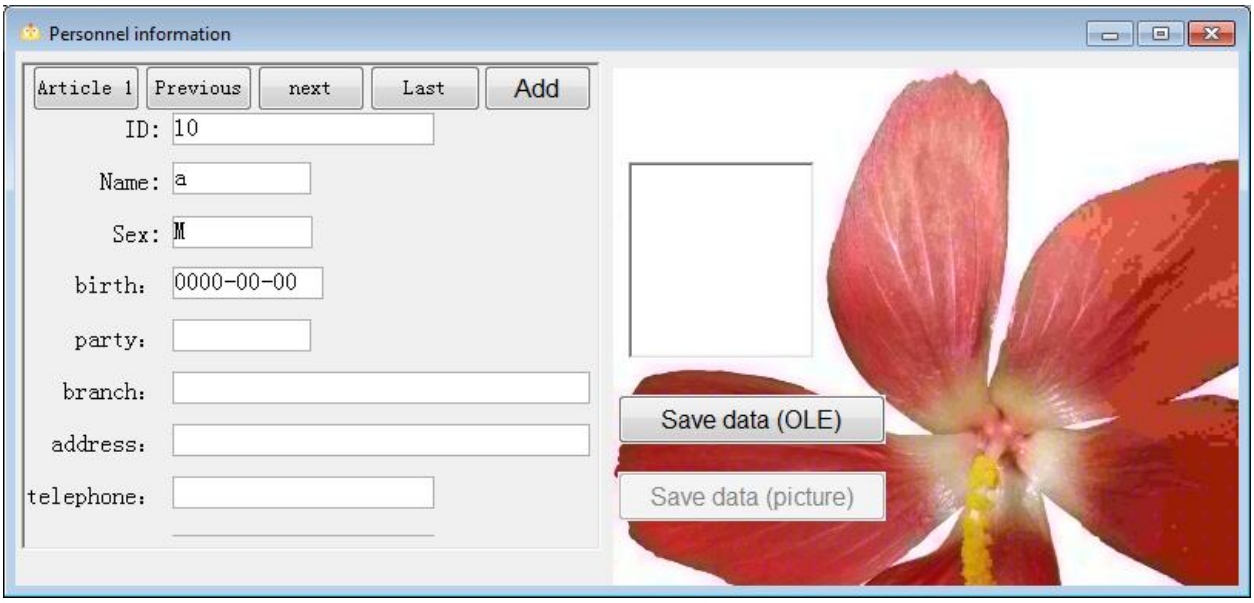
9.2.5 Invisible OLE objects – pbtowordandexcel



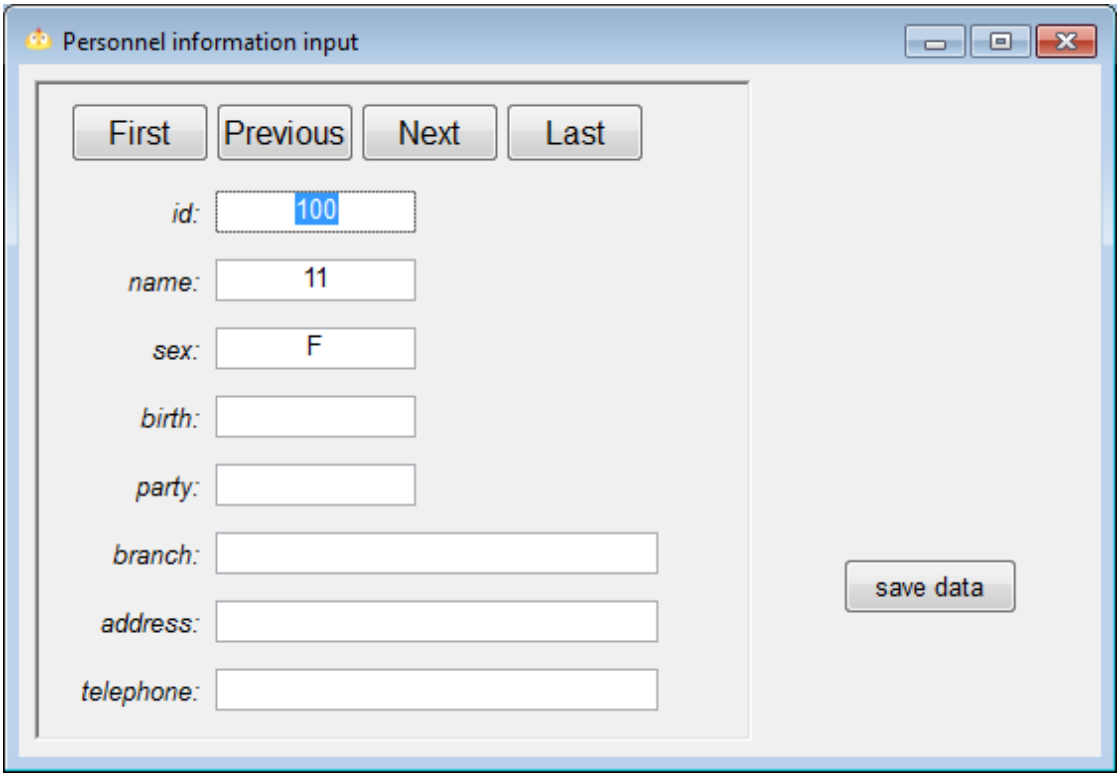
9.2.6 ActiveX Control – Media



9.2.7 Use external OLE controls to process binary data in the database – DBOLE



9.3.3 COM component implementation in PowerBuilder - pb9com



Chapter 10 Compilation and Distribution

Compile - TestInstall

Chapter 11 Jaguar

Contains the source program of two examples of developing Jaguar components and calling Jaguar components

Chapter 12 PBNI

PBNI application technology - PBNI