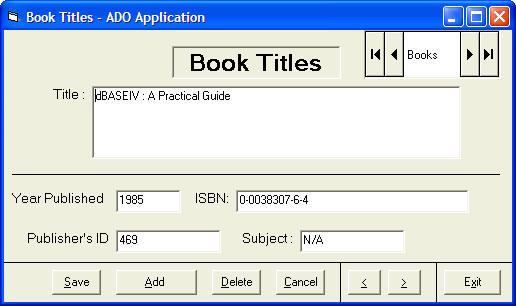
**The Interface**



 The properties of all  the controls are listed as follow:

|  |  |
| --- | --- |
| Form Name | frmBookTitle |
| Form Caption | Book Titles -ADOApplication |
| ADO Name | adoBooks |
| Label1 Name | lblApp |
| Label1 Caption | Book Titles |
| Label 2 Name | lblTitle |
| Label2 Caption | Title : |
| Label3 Name | lblYear |
| Label3 Caption | Year Published: |
| Label4 Name | lblISBN |
| Label4 Caption | ISBN: |
| Labe5 Name | lblPubID |
| Label5 Caption | Publisher's ID: |
| Label6 Name | lblSubject |
| Label6 Caption | Subject : |
| TextBox1 Name | txtitle |
| TextBox1 DataField | Title |
| TextBox1 DataSource | adoBooks |
| TextBox2 Name | txtPub |
| TextBox2 DataField | Year Published |
| TextBox2 DataSource | adoBooks |
| TextBox3 Name | txtISBN |
| TextBox3 DataField | ISBN |
| TextBox3 DataSource | adoBooks |
| TextBox4 Name | txtPubID |
| TextBox4 DataField | PubID |
| TextBox4 DataSource | adoBooks |
| TextBox5 Name | txtSubject |
| TextBox5 DataField | Subject |
| TextBox5 DataSource | adoBooks |
| Command Button1 Name | cmdSave |
| Command Button1 Caption | &Save |
| Command Button2 Name | cmdAdd |
| Command Button2 Caption | &Add |
| Command Button3 Name | cmdDelete |
| Command Button3 Caption | &Delete |
| Command Button4 Name | cmdCancel |
| Command Button4 Caption | &Cancel |
| Command Button5 Name | cmdPrev |
| Command Button5 Caption | &< |
| Command Button6 Name | cmdNext |
| Command Button6 Caption | &> |
| Command Button7 Name | cmdExit |
| Command Button7 Caption | E&xit |

To be able to access and manage a database, you need to connect the ADO data control to a database file. We are going to use BIBLIO.MDB that comes with VB6. To connect ADO to this database file , follow the steps below:

a) Click on the ADO control on the form and open up the properties window.

b) Click on the ConnectionString property, the following dialog box will appear.

|  |  |
| --- | --- |
| http://www.vbtutor.net/VB_Sample/dbase3b.jpg |  |

when the dialog box appear, select the Use Connection String's Option. Next, click build and at the Data Link dialog box, double-Click the option labeled Microsoft Jet 3.51 OLE DB provider.

|  |  |
| --- | --- |
| http://www.vbtutor.net/VB_Sample/dbase3c.jpg |  |

 After that, click the Next button to select the file BIBLO.MDB. You can click on Text Connection to ensure proper connection of the database file. Click OK to finish the connection.

Finally, click on the RecordSource property and set the command type to adCmd Table and Table name to Titles. Now you are really to use the database file.

|  |  |
| --- | --- |
| http://www.vbtutor.net/VB_Sample/dbase3d.jpg |  |

**The Code**

For the Save button, the program code is as follow:

Private Sub cmdSave\_Click()  
adoBooks.Recordset.Fields("Title") = txtTitle.Text  
adoBooks.Recordset.Fields("Year Published") = txtPub.Text  
adoBooks.Recordset.Fields("ISBN") = txtISBN.Text  
adoBooks.Recordset.Fields("PubID") = txtPubID.Text  
adoBooks.Recordset.Fields("Subject") = txtSubject.Text  
adoBooks.Recordset.Update  
  
End Sub

For the Add button, the program code is as follow:

Private Sub cmdAdd\_Click()  
adoBooks.Recordset.AddNew  
End Sub

For the Delete button, the program code is as follow:

Private Sub cmdDelete\_Click()  
Confirm = MsgBox("Are you sure you want to delete this record?", vbYesNo, "Deletion Confirmation")  
If Confirm = vbYes Then  
adoBooks.Recordset.Delete  
MsgBox "Record Deleted!", , "Message"  
Else  
MsgBox "Record Not Deleted!", , "Message"  
End If  
  
End Sub

For the Cancel button, the program code is as follow:

Private Sub cmdCancel\_Click()  
txtTitle.Text = ""  
txtPub.Text = ""  
txtPubID.Text = ""  
txtISBN.Text = ""  
txtSubject.Text = ""  
End Sub

For the Previous (<) button, the program codes are

Private Sub cmdPrev\_Click()  
If Not adoBooks.Recordset.BOF Then  
adoBooks.Recordset.MovePrevious  
If adoBooks.Recordset.BOF Then  
adoBooks.Recordset.MoveNext  
End If  
End If  
  
End Sub  
  
For the Next(>) button, the program codes are

Private Sub cmdNext\_Click()  
If Not adoBooks.Recordset.EOF Then  
adoBooks.Recordset.MoveNext  
If adoBooks.Recordset.EOF Then  
adoBooks.Recordset.MovePrevious  
End If  
End If  
  
End Sub

- See more at: http://www.vbtutor.net/VB\_Sample/dbase3.html#sthash.7rWfu0Va.dpuf