Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer
    Windows Form Designer generated code

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
        "Data Source = T:\donor.mdb"
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
        "Data Source = " & currpath & "\donor.mdb"
        Dim sqlStr As String = "Select * from Donor0000"
        Dim dataadapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
        dataadapter.Fill(donorDT)
        dataadapter.Dispose()
        FillTextboxes()
    End Sub

    Sub FillTextboxes()
        txtIDNo.Text = CStr(donorDT.Rows(rowIndx)("IDNo"))
        txtName.Text = CStr(donorDT.Rows(rowIndx)("DName"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextboxes()
        Else
            rowIndx = 0
            FillTextboxes()
        End If
    End Sub
End Class
Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndex As Integer

    Windows Form Designer generated code

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source = T:\donor.mdb"
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & "Data Source = " & curpath & "\"donor.mdb"
        Dim strSql As String = "Select * From Donor2000"
        Dim dataAdapter As New OleDb.OleDbDataAdapter(strSql, connStr)
        dataAdapter.Fill(donorDT)
        dataAdapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextBoxes()
        txtDIDno.Text = CStr(donorDT.Rows(rowIndex)("DIDno"))
        txtDName.Text = CStr(donorDT.Rows(rowIndex)("DName"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
        If rowIndex < donorDT.Rows.Count - 1 Then
            rowIndex = rowIndex + 1
            FillTextBoxes()
        Else
            rowIndex = 0
            FillTextBoxes()
        End If
    End Sub
Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
    "Data Source=TL\donor.mdb"
Dim conn As Object = CreateObject("ADODB.Connection")
conn.Open connStr
Dim sqlStr As String = "Select * from Donor2000"
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, conn)
dataAdapter.Fill(dataTable)
conn.Close
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
If rowIndex < dataTable.Rows.Count - 1 Then
    rowIndex = rowIndex + 1
    FillTextBoxes()
Else
    rowIndex = 0
    FillTextBoxes()
End If
End Sub
I moved the Friends to this area of code.
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
dataAdapter.Fill(donorDT)
dataAdapter.Dispose()
FillTextBoxes()
End Sub

Sub FillTextBoxes()
txtDidNo.Text = CStr(donorDT.Rows(i)("DidNo"))
txtName.Text = CStr(donorDT.Rows(i)("Name"))
txtState.Text = CStr(donorDT.Rows(i)("State"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnReadNext.Click
If rowIndex < donorDT.Rows.Count - 1 Then
    rowIndex = rowIndex + 1
    FillTextBoxes()
Else
    rowIndex = 0
    FillTextBoxes()
End If
End Sub
Dim donorDT As New DataTable
Dim rowindx As Integer

Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    'Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & 
    '    "Data Source = T:\donor.mdb"
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & 
    "Data Source = " & currpath & "\donor.mdb"
    Dim sqlStr As String = "Select * from Donor2000"
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
    dataAdapter.Fill(donorDT)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub

Sub FillTextBoxes()
    txtDBId.Text = CStr(donorDT.Rows(rowindx)("DBId"))
    txtBName.Text = CStr(donorDT.Rows(rowindx)("BName"))
    txtDSate.Text = CStr(donorDT.Rows(rowindx)("DState"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    If rowindx < donorDT.Rows.Count - 1 Then
        rowindx = rowindx + 1
        FillTextBoxes()
    Else
        rowindx = 0
        FillTextBoxes()
    End If
End Sub
End Class
```
Dim donorDT As New DataTable
Dim rowindx As Integer

Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & 
    "Data Source = T:\donor.mdb"
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & 
    "Data Source = " & curpath & ":\donor.mdb"
    Dim sqlStr As String = "Select * From donor2000 Where DIdno > '22222'"
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
    dataAdapter.Fill(donorDT)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub

Sub FillTextBoxes()
    txtDIdno.Text = CStr(donorDT.Rows(rowindx)("DIdno"))
    txtDName.Text = CStr(donorDT.Rows(rowindx)("DName"))
    txtDState.Text = CStr(donorDT.Rows(rowindx)("DState"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    If rowindx < donorDT.Rows.Count - 1 Then
        rowindx = rowindx + 1
        FillTextBoxes()
    Else=
        rowindx = 0
        FillTextBoxes()
    End If
End Sub
End Class
```
Dim donorDT As New DataTable
Dim rowIndx As Integer

Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;Data Source=\donor.mdb"
    Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;Data Source=\" & currpath & "\donor.mdb"
    Dim sqlStr As String = "Select DIDno, IName, DState from Donor2009"
    Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
    dataAdapter.Fill(donorDT)
    dataAdapter.Dispose()
    FillTextBoxes()
End Sub

Sub FillTextBoxes()
    txtDIdno.Text = CStr(donorDT.Rows(rowIndx)("DIdno"))
    txtIName.Text = CStr(donorDT.Rows(rowIndx)("IName"))
    txtDState.Text = CStr(donorDT.Rows(rowIndx)("DState"))
End Sub

Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    If rowIndx < donorDT.Rows.Count - 1 Then
        rowIndx = rowIndx + 1
        FillTextBoxes()
    Else
        rowIndx = 0
        FillTextBoxes()
    End If
End Sub
End Class
Public Class frmDonorCode
    Inherits System.Windows.Forms.Form
    Dim donorDT As New DataTable
    Dim rowIndx As Integer

    Windows Form Designer generated code

    Private Sub frmDonorCode_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
            "Data Source = T:\donor.mdb"
        Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
            "Data Source = " & curpath & _"\donor.mdb"
        Dim sqlStr As String = "Select Dino, DName, DState from Donor2009"
        Dim dataadapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
        dataadapter.Fill(donorDT)
        dataadapter.Dispose()
        FillTextBoxes()
    End Sub

    Sub FillTextboxes()
        txtDino.Text = CStr(donorDT.Rows(rowIndx)("Dino"))
        txtDName.Text = CStr(donorDT.Rows(rowIndx)("DName"))
        txtDState.Text = CStr(donorDT.Rows(rowIndx)("DState"))
    End Sub

    Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        If rowIndx < donorDT.Rows.Count - 1 Then
            rowIndx = rowIndx + 1
            FillTextboxes()
        Else
            rowIndx = 0
            FillTextboxes()
        End If
    End Sub
OLE DB

From Wikipedia, the free encyclopedia

OLE DB (Object Linking and Embedding, Database, sometimes written as OLEDB or OLE DB) is an API designed by Microsoft for accessing different types of data stored in a uniform manner. It is a set of interfaces implemented using the Component Object Model (COM); it is otherwise unrelated to OLE. It was designed as a higher-level replacement for, and successor to, ODBC, extending its feature set to support a wider variety of non-relational databases, such as object databases and spreadsheets that do not necessarily implement SQL.

OLE DB separates the data store from the application that needs access to it through a set of abstractions that include the datasource, session, command, and resultset. This was done because different applications need access to different types and sources of data and do not necessarily want to know how to access functionality with technology-specific methods. OLE DB is conceptually divided into consumers and providers. The consumers are the applications that need access to the data, and the provider is the software component that implements the interface and therefore provides the data to the consumer. OLE DB is part of the Microsoft Data Access Components (MDAC) stack.

MDAC is a group of Microsoft technologies that interact together as a framework that allows programmers a uniform and comprehensive way of developing applications for accessing almost any data store. OLE DB providers can be created to access such simple data stores as a text file and spreadsheet, through to such complex databases as Oracle, SQL Server and Sybase ASE. It can also provide access to hierarchical datastores such as email systems.

However, because different data store technologies can have different capabilities, OLE DB providers may not implement every possible interface available to OLE DB. The capabilities that are available are implemented through the use of COM objects - an OLE DB provider will map the data store technologies functionality to a particular COM interface. Microsoft calls the availability of an interface to be "provider-specific" as it may not be applicable depending on the database technology involved. Additionally, however, providers may also augment the capabilities of a data store - these capabilities are known as services in Microsoft parlance.

OLE DB providers

- Microsoft ships a few OLE DB Providers as part of its MDAC and JET kits
- Simba Technologies ships SimbaProvider, an SDK used to build custom OLE DB for OLAP providers for multi-dimensional and star schema database connectivity.
- OpenLink Software ships OLE DB Providers for a number of SQL DBMSs, as well as OLE DB Providers to MDAC and JDBC.
Dim connStr As String = "Provider=Microsoft.Jet.OLEDB.4.0; Data Source=" & currPath & "\Donor.mdb"
Dim sqlStr As String = "Select Didno, DName, DState from Donor2000"
Dim dataAdapter As New OleDb.OleDbDataAdapter(sqlStr, connStr)
dataAdapter.Fill(donorDT)
dataAdapter.Dispose()
FillTextBoxes()
Sub FillTextBoxes()
    txtDidno.Text = CStr(donorDT.Rows(rowInd)("Didno"))
    txtDName.Text = CStr(donorDT.Rows(rowInd)("DName"))
    txtDState.Text = CStr(donorDT.Rows(rowInd)("DState"))
End Sub
Private Sub btnReadNext_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
If rowInd < donorDT.Rows.Count - 1 Then
    rowInd = rowInd + 1
    FillTextBoxes()
Else
    rowInd = 0
    FillTextBoxes()
End If
End Sub
End Class