VB连接SQL数据库的方法

VB使用ADO数据库可以分为有源数据库和无源数据库，即是否使用了DSN数据源，如下例：

1、在连接数据库前首先要在VB菜单中“工程”-“引用”从中选择 microsoft activeX Data objects 2.6 library和 microsoft activeX Data objects recordset 2.6两个组件，这是在连接数据前所必做的工作。

2、接下来定义ADO的连接对象，如下所示：

Set conn = New ADODB.Connection

Set rs = New ADODB.Recordset

第一种方法采用的是无源的数据库连接方法

conn.ConnectionString = "Driver={sql server};server=JSZX3-11;uid=sa;pwd=;database=wzc"

conn.ConnectionTimeout = 30

conn.Open

rs.Open "select 用户名,密码 from login where 用户名='" & Trim(Combo1.Text) & "' And 密码='" & Trim(Text1.Text) & "'", conn, adOpenStatic, adLockReadOnly, adCmdText

If rs.EOF = True And rs.BOF Then

m = MsgBox("请重新登录", vbExclamation)

Text1.Text = ""

Text1.SetFocus

Else

Form1.Hide

End If

rs.Close

这是第二种方法连接数据库的方法，这一种方法是采用有源的方法与数据库连接的方法，代码如下所示：

Set conn = New ADODB.Connection

Set rs = New ADODB.Recordset

conn.ConnectionString = "DSN=login;uid=sa;pwd=;"

conn.ConnectionTimeout = 30

conn.Open

rs.Open "select 用户名 from login", conn, adOpenStatic, adLockReadOnly, adCmdText

Dim i As String

For t = 0 To Val(rs.RecordCount) - 1

i = Trim(rs.Fields("用户名").Value)

rs.MoveNext

Combo1.AddItem i

Next t

rs.Close

连接数据库的方法很多很多，只要各位去勇敢的偿试一下，就可以感觉数据库的方法并不是很难，本人以前也很想做这方法的工作，只是学识不深，未能完成胸中大志，如今对这些方法的多少有一些了解，特意为那些初学者以供学习之用。

下面是连接数据库具体代码：

程序代码

Public conn As New ADODB.Connection

Public rs As New ADODB.Recordset

Public addFlag As Boolean

Public Function OpenCn() As Boolean

Dim mag As String

On Error GoTo strerrmag

Set conn = New ADODB.Connection

conn.ConnectionTimeout = 25

conn.Provider = "sqloledb"

conn.Properties("data source").Value = "127.0.0.1" ''服务器的名字

conn.Properties("initial catalog").Value = "chart" ''库名

conn.Properties("integrated security").Value = "SSPI" ''登陆类型

conn.Open

OpenCn = True

addFlag = True

Exit Function

strerrmag:

mag = "Data can''t connect"

Call MsgBox(mag, vbOKCancel, "Error:Data connect")

addFlag = False

End

End Function

Public Sub clocn()

On Error Resume Next

If conn.State <> adStateClosed Then conn.Close

Set conn = Nothing

End Sub

Public Function openrs(ByVal strsql As String) As Boolean ''连接数据库记录集

Dim mag As String

Dim rpy As Boolean

On Error GoTo strerrmag

Set rs = New ADODB.Recordset

If addFlag = False Then rpy = True

With rs

.ActiveConnection = conn

.CursorLocation = adUseClient

.CursorType = adOpenKeyset

.LockType = adLockOptimistic

.Open strsql

End With

addFlag = True

openrs = True

Exit Function

strerrmag:

mag = "data not connect"

Call MsgBox(mag, vbOKCancel, "error:connect")

openrs = False

End

End Function

Public Sub clors()

On Error Resume Next

If rs.State <> adStateClosed Then rs.Clone

Set rs = Nothing

End Sub