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1 Imports System
2 Imports System.Collections.Generic
3 Imports System.Data
4 Imports System.Data.OleDb
5 Imports System.Data.SqlClient
6 Imports System.Web.UI.WebControls
7
8 Partial Class AddRoyalties
9     Inherits System.Web.UI.Page
10    Dim control As New Controller
11    Dim conn As OleDbConnection
12    Dim royList As New List(Of Tuple(Of String, String, String))
13    Dim cb_toUpdate As List(Of CheckBox)
14    Dim cb_toDelete As List(Of CheckBox)
15
16    Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load
17        'ON load, get a list of the Authors, Name, and Royalties[textbox] and go
18        'through them and add a row in the table for each one
19        'along with a update and delete checkbox.
20        Dim royList As New List(Of Tuple(Of String, String, String)) ()
21
22        conn = control.GetConnection()
23        Dim sql As String = "SELECT Authors.Name AS Authors_Name, Authors.AID,
24        Publishers.Name As Publishers_Name, Publishers.PID, Royalties.Royalty " &
25        "From Publishers INNER Join (Authors INNER Join Royalties On
26        Authors.[AID] = Royalties.[AID]) ON Publishers.[PID] =
27        Royalties.[PID];"
28
29        Dim cmd As New OleDb.OleDbCommand(sql, conn)
30        conn.Open()
31        Dim dbRoyal = cmd.ExecuteReader()
32        'cmd = Nothing
33
34        Dim cellCtr As Integer
35        Dim cellCnt As Integer
36        Dim tRowNum As Integer
37        cellCnt = 5
38        If dbRoyal.HasRows Then
39            While dbRoyal.Read()
40                Dim tRow As New TableRow()
41                Dim newtuple As Tuple(Of String, String, String) = New Tuple(Of String,
42                String, String)(dbRoyal.Item(0).ToString(), dbRoyal.Item(1).ToString(),
43                dbRoyal.Item(2).ToString())
44                royList.Add(newtuple)
45                For cellCtr = 1 To cellCnt
46
47                    Dim tCell As New TableCell()
48                    If cellCtr = 1 Then
49                        Dim hypLink As New HyperLink
50                        hypLink.Text = dbRoyal.Item(0).ToString() & " (" & dbRoyal.Item(
51                        1).ToString & ")"
52                        hypLink.NavigateUrl = "AuthorInfo.aspx?&id=" & dbRoyal.Item(1).
53                        ToString
54                        tCell.Controls.Add(hypLink)
55                    ElseIf cellCtr = 2 Then
56                        Dim hypLink As New HyperLink
57                        hypLink.Text = dbRoyal.Item(2).ToString() & " (" & dbRoyal.Item(
58                        3).ToString & ")"
59                        hypLink.NavigateUrl = "PublisherInfo.aspx?&id=" & dbRoyal.Item(3
60                        ).ToString
61                        tCell.Controls.Add(hypLink)
62                    ElseIf cellCtr = 3 Then
63                        tCell.Text = dbRoyal.Item(4).ToString
64                    End If
65
66                    tRow.Cells.Add(tCell)
67                Next
68            End While
69        End If
70    End Sub
71 End Class

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60         tRowNum = tRowNum + 1
61         Table1.Rows.Add(tRow)
62     End While
63 End If
64
65     cmd.Dispose()
66     conn.Close()
67 End Sub
68
69 End Class
70
```