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Imports MySql.Data.MySqlClient
Imports System.IO
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Public Class Form1
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    中間省略
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    Private Sub コマンドテストToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles コマンドテストToolStripMenuItem.Click
        Dim sqlCont As New MySql.Data.MySqlClient.MySqlConnection           ' SQL接続
        Dim sqlCMDS As MySql.Data.MySqlClient.MySqlCommand                 ' コマンド
        Dim sqlCommandU As MySql.Data.MySqlClient.MySqlCommand             ' コマンド
        Dim sqlCommandI As MySql.Data.MySqlClient.MySqlCommand             ' コマンド
        Dim sqlDr As MySql.Data.MySqlClient.MySqlDataReader                ' データリーダー
        Dim MyconString As String = "server=localhost;user id=hanbai;password=password;database=tanpin;"

        Dim I As Long, J1 As Long, J2 As Long                               ' カウンター
        Dim IIT As DateTime, IIE As DateTime
        Dim lifile As StreamReader                                         ' 入力ファイル
        Dim linstr As String, lidata() As String
        '
        IIT = Now()
        ' 接続文字列を設定
        sqlCont.ConnectionString = MyconString
        lifile = File.OpenText("d:\nettest¥sqlget¥リスト用.txt")
        Try
            ' MAK Select command
            sqlCMDS = sqlCont.CreateCommand
            sqlCMDS.CommandText = "select tencode, tenname from tentbl where tencode = ?tencode"
            Dim MySParm = sqlCMDS.Parameters.AddWithValue("?tencode", MySqlDbType.Int16)
            ' Mak Update command
            sqlCommandU = sqlCont.CreateCommand
            sqlCommandU.CommandText = "UPDATE tentbl SET tenname = ?tenname " & _
                "WHERE tencode = ?tencode"
            sqlCommandU.Parameters.Add(New MySqlParameter("?tencode", MySqlDbType.Int16))
            sqlCommandU.Parameters.Add(New MySqlParameter("?tenname", MySqlDbType.VarChar))
            ' Mak Insert command
            sqlCommandI = sqlCont.CreateCommand
            sqlCommandI.CommandText = "INSERT INTO tentbl ( tencode, tenname) VALUES ( ?tencode, ?tenname)"
            sqlCommandI.Parameters.Add(New MySqlParameter("?tencode", MySqlDbType.Int16))
            sqlCommandI.Parameters.Add(New MySqlParameter("?tenname", MySqlDbType.VarChar))
            ' ここからデータ読み込み
            While lifile.Peek > -1
                linstr = lifile.ReadLine
                lidata = Split(linstr, ",")
                ' MessageBox.Show(lidata(0) & " " & lidata(1))
                ' Exit While
            End While
            Try
                ' 接続を作成して
                sqlCont.Open()
                ' パラメータ値を指定して
                MySParm.Value = lidata(0)
                ' 検索結果を確認する。
                sqlDr = sqlCMDS.ExecuteReader
                I = 0
                While (sqlDr.Read())
                    I = I + 1
                End While
                sqlCont.Close()
                ' 接続を作成して
                sqlCont.Open()
                Select Case I
            End Try
        End Try
    End Sub
End Class
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        Case 0
            sqlCMDI.Parameters("tencode").Value = lidata(0)
            sqlCMDI.Parameters("tenname").Value = lidata(1)
            '内容を追加します。'
            sqlCMDI.ExecuteNonQuery()
            J1 = J1 + 1
        Case Else
            sqlCMDU.Parameters("tencode").Value = lidata(0)
            sqlCMDU.Parameters("tenname").Value = lidata(1)
            '内容を更新します。'
            sqlCMDU.ExecuteNonQuery()
            J2 = J2 + 1
    End Select
Catch ex As MySqlException
    MessageBox.Show(ex.Message)
Finally
    sqlCont.Close()
End Try
End While
'データ読み込みここまで'
Catch ex As MySqlException
    MessageBox.Show(ex.Message)
Finally
    lifile.Close()
End Try
'
IIE = Now
Dim interval As TimeSpan = IIE.Subtract(IIT)
MessageBox.Show(interval.Milliseconds & " 追加=" & Str(J1) & " 件更新=" & Str(J2) & " 件")
End Sub

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Private Sub 自動生成テストToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles 自動生成テストToolStripMenuItem.Click
    Dim sqlDA As MySql.Data.MySqlClient.MySqlDataAdapter 'データアダプタ作成
    Dim sqlCmdBldr As MySqlCommandBuilder 'SQLコマンド作成
    Dim resultDS As DataSet 'データセットオブジェクト
    Dim oDR As DataRow 'データオブジェクト
    Dim MyconString As String 'MySQL接続文字列

    Dim J1 As Long, J2 As Long 'カウンター
    Dim IIT As DateTime, IIE As DateTime
    Dim lifile As StreamReader '入力ファイル
    Dim linstr As String, lidata() As String
    '
    IIT = Now()
    'DataAdapterオブジェクトの作成
    sqlDA = New MySql.Data.MySqlClient.MySqlDataAdapter
    'DataSetオブジェクトの作成
    resultDS = New DataSet()
    'MySQL接続文字列
    MyconString = "server=localhost:user id=hanbai;password=password;database=tanpin;"
    lifile = File.OpenText("d:\nettest¥sqlget¥リスト用.txt")

Try
    '接続を作成します
    sqlDA.SelectCommand = New MySqlCommand()
    sqlDA.SelectCommand.CommandType = CommandType.Text
    sqlDA.SelectCommand.CommandText = "select * from tentbl"
    sqlDA.SelectCommand.Connection = New MySqlConnection(MyconString)
    'スキーマ情報をDatasetに追加する

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sqlDA.MissingSchemaAction = MissingSchemaAction.AddWithKey
' 検索結果を確認する。
sqlDA.Fill(resultDS, "tentbl")

While lfile.Peek > -1
    linstr = lfile.ReadLine
    lidata = Split(linstr, ",")

    Try
        oDR = resultDS.Tables("tentbl").Rows.Find(lidata(0))
        If oDR Is Nothing Then
            oDR = resultDS.Tables("tentbl").NewRow()
            oDR("tencode") = lidata(0)
            oDR("tenname") = lidata(1)
            resultDS.Tables("tentbl").Rows.Add(oDR)
            J1 = J1 + 1
        Else
            ' テーブル"tentbl"の先頭値に対する更新処理
            oDR("tenname") = lidata(1)
            J2 = J2 + 1
        End If
    Catch ex As MySqlException
        MessageBox.Show(ex.Message)
    End Try
End While
' データ処理が終わったら元テーブルを更新
Try
    ' Update文の自動実行のためにCommandBuilderオブジェクトを作成する
    sqlCmdBldr = New MySqlCommandBuilder(sqlDA)
    ' DataSetに対する更新結果をDBに反映
    sqlDA.Update(resultDS, "tentbl")
    ' MessageBox.Show("レコードは更新されました")
Catch ex As MySqlException
    MessageBox.Show(ex.Message)
End Try

Catch ex As MySqlException
    MessageBox.Show(ex.Message)
Finally
    lfile.Close()
End Try
'
IIE = Now
Dim interval As TimeSpan = IIE.Subtract(IIT)
MessageBox.Show(interval.Milliseconds & " 追加=" & Str(J1) & " 件更新=" & Str(J2) & " 件")
End Sub

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Private Sub 共用テストToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles 共用テストToolStripMenuItem.Click
    Dim sqlDA As MySql.Data.MySqlClient.MySqlDataAdapter
    Dim resultDS As DataSet
    Dim sqlCont As New MySql.Data.MySqlClient.MySqlConnection
    Dim sqlCommandU As MySql.Data.MySqlClient.MySqlCommand
    Dim sqlCommandI As MySql.Data.MySqlClient.MySqlCommand
    Dim oDR As DataRow
    ' DataAdapterオブジェクトの作成
    sqlDA = New MySql.Data.MySqlClient.MySqlDataAdapter
    ' DataSetオブジェクトの作成
    resultDS = New DataSet()
    ' MySQL接続文字列

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Dim MyconString As String = "server=localhost;user id=hanbai;password=password;database=tanpin;"

Dim J1 As Long, J2 As Long 'カウンター
Dim IIT As DateTime, IIE As DateTime
Dim lifile As StreamReader '入力ファイル
Dim linstr As String, lidata() As String
,

IIT = Now()
'接続文字列を設定
sqlCont.ConnectionString = MyconString
lifile = File.OpenText("d:\nettest¥sqlget¥リスト用.txt")
Try
    'Mak Update command
    sqlCMDU = sqlCont.CreateCommand
    sqlCMDU.CommandText = "UPDATE tentbl SET tenname = ?tenname " & _
        "WHERE tencode = ?tencode"

    sqlCMDU.Parameters.Add(New MySqlParameter ("?tencode", MySqlDbType.Int16))
    sqlCMDU.Parameters.Add(New MySqlParameter ("?tenname", MySqlDbType.VarChar))
    'Mak Insert command
    sqlCMDI = sqlCont.CreateCommand
    sqlCMDI.CommandText = "INSERT INTO tentbl ( tencode, tenname) VALUES ( ?tencode, ?tenname)"
    sqlCMDI.Parameters.Add(New MySqlParameter ("?tencode", MySqlDbType.Int16))
    sqlCMDI.Parameters.Add(New MySqlParameter ("?tenname", MySqlDbType.VarChar))
    '接続を作成します
    sqlDA.SelectCommand = New MySqlCommand()
    sqlDA.SelectCommand.CommandType = CommandType.Text
    sqlDA.SelectCommand.CommandText = "select * from tentbl"
    sqlDA.SelectCommand.Connection = New MySqlConnection(MyconString)
    'スキーマ情報をDatasetに追加する
    sqlDA.MissingSchemaAction = MissingSchemaAction.AddWithKey
    '検索結果を確認する。
    sqlDA.Fill(resultDS, "tentbl")

    'ここからデータ読み込み
    While lifile.Peek > -1
        linstr = lifile.ReadLine
        lidata = Split(linstr, ",")
        Try
            oDR = resultDS.Tables("tentbl").Rows.Find(lidata(0))
            If oDR Is Nothing Then
                '接続を作成して
                sqlCont.Open()
                sqlCMDI.Parameters("?tencode").Value = lidata(0)
                sqlCMDI.Parameters("?tenname").Value = lidata(1)
                '内容を追加します。
                sqlCMDI.ExecuteNonQuery()
                J1 = J1 + 1
            Else
                '接続を作成して
                sqlCont.Open()
                '内容を更新します。
                sqlCMDU.Parameters("?tencode").Value = lidata(0)
                sqlCMDU.Parameters("?tenname").Value = lidata(1)
                sqlCMDU.ExecuteNonQuery()
                J2 = J2 + 1
            End If
        Catch ex As MySqlException
            MessageBox.Show(ex.Message)
        Finally
    
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```
        End Try
    End While
    ' データ読み込みここまで
Catch ex As MySqlException
    MessageBox.Show(ex.Message)
Finally
    Ifile.Close()
End Try
'
    IIE = Now
    Dim interval As TimeSpan = IIE.Subtract(IIT)
    MessageBox.Show(interval.Milliseconds & " 追加=" & Str(J1) & " 件更新=" & Str(J2) & " 件")
End Sub
End Class
```