

```
Imports MySql.Data.MySqlClient
Imports System.IO
```

```
Public Class frmBbh3
```

```
Dim FlgAB As Long 'このパラメータは、自動実行の可否を設定する。
Dim doko As Long
Dim HScset As String, HScset2 As String '開始日・終了日
Dim Mvorn As Long
Dim Incnt As Long, Otcnt As Long, Ctcnt As Long '入出力件数
```

```
Private Sub frmBbh3_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
```

```
Me.Width = 322
doko = 0
FlgAB = 0
Mvorn = 0
MonthCalendar1.TodayDate = Today
'初期処理
Myhdr = Wshdr()
'
Call Syoki_set() '書き込むべきファイルを指定
'コマンドラインの確認(コマンドライン指定時、コマンドに不備があったら何もせずに終了するように設定する。)
If Command() <> "" Then
    If Command() = "0" Then '0指定時、初期値として前日日付が設定される。
        FlgAB = 1
        Mvorn = 1
        HScset = Format(DateAdd(DateInterval.Day, -1, Today), "yyyy/MM/dd") '前日日付
        HScset2 = Format(DateAdd(DateInterval.Day, -4, Today), "yyyy/MM/dd") '3前日日付
        TextBox1.Text = HScset
        TextBox2.Text = HScset2
    Else
        Mvorn = CMDCHK(Command)
    End If
Else
    Call Msgset("データ変換する開始日・終了日を指定して下さい。")
End If
'
Timer1.Enabled = True
End Sub
```

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Timer1.Tick
```

```
Dim Isuu As Long

Timer1.Enabled = False
'
If FlgAB = 1 And Mvorn = 1 Then '自動実行はこの二つのフラグによる
    Call Msgset("データの変換処理を行います。お待ち下さい。処理は自動で終了します。")
    Isuu = CNVFILES()
End
End If
End Sub
```

```
Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click
End
End Sub
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
doko = 1
Me.Width = 485
Call Msgset("開始日を入力。カレンダーから選択できます。確認してください。")
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
doko = 2
Me.Width = 485
Call Msgset("終了日を入力。カレンダーから選択できます。確認してください。")
End Sub
```

```

Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button5.Click
    Call Msgset("次の処理を選択して下さい。")
    Me.Width = 322
End Sub

```

```

Private Sub MonthCalendar1_DateChanged(ByVal sender As System.Object, ByVal e As System.Windows.Forms.DateRangeEventArgs)
Handles MonthCalendar1.DateChanged
    If doko = 1 Then
        TextBox1.Text = CStr(Me.MonthCalendar1.SelectionStart)
        doko = 2
        Me.Width = 322
    Else
        If doko = 2 Then
            TextBox2.Text = CStr(Me.MonthCalendar1.SelectionStart)
            doko = 1
            Me.Width = 322
        End If
    End If
    Call Msgset("次の処理を選択して下さい。")
End Sub

```

```

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
    Dim Isuu As Long

```

```

    If TextBox1.Text = "" Or TextBox2.Text = "" Then
        Call Msgset("開始日付・終了日付を正しく指定してから処理を行って下さい。")
        Exit Sub
    End If
    '
    HScset = TextBox1.Text
    HScset2 = TextBox2.Text
    'データ確認
    If IsDate(HScset) = False Then
        Call Msgset("開始日付の指定が誤っています。確認後実行して下さい。")
        Call WtKnri(Ten_WKFL, WK_String)
        Exit Sub
    Else
        If IsDate(HScset2) = False Then
            Call Msgset("終了日付の指定が誤っています。確認後実行してください。")
            Exit Sub
        End If
    End If
    Call Msgset("開始日=" & HScset & " 終了日=" & HScset2 & "にて指定されました。おまち下さい")
    Call Msgset("データの変換処理を行います。お待ち下さい。")
    Isuu = CNVFILES()
    '
    Call Msgset("データの変換処理が終了しました。[END]ボタンを押して 処理を終了させて下さい。")
End Sub

```

```

Sub Syoki_set()
    Dim WK_Namae As String, Wsu As String, Isuu As Long, Isu2 As Long
    '管理ファイルからファイル名取得
    WK_Namae = Trim(Myhdr) & "BKLG¥BKUPKNRI.TXT"
    Ten_WKFL = Rdknri(WK_Namae)
    '
    Isuu = Len(Ten_WKFL)
    Wsu = Mid(Ten_WKFL, Isuu - 4, 1)
    Isu2 = Weekday(Today)
    '曜日が変わったら
    If Val(Wsu) <> Isu2 Then
        Ten_WKFL = Mid(Ten_WKFL, 1, (Isuu - 5)) & Trim(Str(Isu2)) & ".TXT"
        Call kiknri(Ten_WKFL)
        Call PtKnri(WK_Namae, Ten_WKFL)
    End If
End Sub

```

```

Function CMDCHK(ByVal Wkstr As String) As Long
    Dim Mypos As Integer
    '
    FlgAB = 1
    CMDCHK = 0
    Mypos = InStr(1, Wkstr, " ", CompareMethod.Text)
    If Mypos = 0 Then
        TextBox1.Text = Wkstr
    '
    If IsDate(Wkstr) = False Then
        Call Msgset("開始日付の指定が誤っています。確認してください。")
        WK_String = DateString & "-" & TimeString & " mkBbh3 開始日付の指定が誤っています。確認してください。日付=" & Wkstr
        Call WtKnri(Ten_WKFL, WK_String)
    Else
        Call Msgset("開始日は指定されましたが、終了日が入っていません。確認してください。")
    End If
Else
    HScset = Mid(Wkstr, 1, Mypos - 1)
    HScset2 = Mid(Wkstr, Mypos + 1, 999)
    '
    TextBox1.Text = HScset
    TextBox2.Text = HScset2
    'データ確認
    If IsDate(HScset) = False Then
        Call Msgset("開始日付の指定が誤っています。確認後実行して下さい。")
        WK_String = DateString & "-" & TimeString & " mkBbh3 開始日付の指定が誤っています。確認してください。日付=" & HScset
        Call WtKnri(Ten_WKFL, WK_String)
    Exit Function
    Else
        If IsDate(HScset2) = False Then
            Call Msgset("終了日付の指定が誤っています。確認後実行して下さい。")
            WK_String = DateString & "-" & TimeString & " mkBbh3 終了日付の指定が誤っています。確認してください。日付=" &
HScset2
            Call WtKnri(Ten_WKFL, WK_String)
        Exit Function
        End If
    End If
    Call Msgset("開始日=" & HScset & " 終了日=" & HScset2 & "にて指定されました。おまち下さい")
    CMDCHK = 1
End If
End Function

```

```

Sub Msgset(ByVal Wkmsg As String)
    Label7.Text = Wkmsg
    Application.DoEvents()
End Sub

```

```

Function CNVFILES() As Long
    Dim sqlDA As MySql.Data.MySqlClient.MySqlDataAdapter 'データアダプタ作成
    Dim resultDS As DataSet 'データセットオブジェクト
    Dim MyconString As String 'MySQL接続文字列
    Dim findTheseVals(3) As Object 'キー値検索用
    Dim oDR As DataRow 'データオブジェクト
    Dim sqlCommandBldr As MySql.Data.MySqlClient.MySqlCommandBuilder 'SQLコマンド作成

    Dim Ifile As StreamReader '入力ファイル
    Dim Iinstr As String, Iidata() As String
    Dim Wk_Buf As String 'ファイル名用バッファ

    Dim Wkhi As Date, Wkhi2 As Date, Wkhi3 As Date, Wkhi4 As Date
    Dim Kaisi As String, Syuryo As String
    Dim M1 As Long, M2 As Long, M3d As Long
    Dim Btt As String
    Dim Jjdata() As Long, YYMMDD As String, Istore As Long
    '初期値セット
    Incnt = 0
    Otcnt = 0

```

```

Ctcnt = 0
ReDim Jdata(7)
'処理したい開始日・終了日を作成
Wkhi3 = #12/31/2099#

Wkhi = DateValue(TextBox1.Text)
Wkhi2 = DateValue(TextBox2.Text)
M1 = DatePart(DateInterval.Month, Wkhi)
M2 = DatePart(DateInterval.Month, Wkhi2)
Btt = "BUN" & Format(Wkhi, "yyMM")
If M1 = M2 Then '同じ月の場合
    Kaisu = Format(Wkhi, "yyyy-MM-dd")
    Syuryo = Format(Wkhi2, "yyyy-MM-dd")
Else
    M3d = DatePart(DateInterval.Day, Wkhi2)
    Wkhi3 = DateAdd(DateInterval.Day, -1 * M3d, Wkhi2)
    Kaisu = Format(Wkhi, "yyyy-MM-dd")
    Syuryo = Format(Wkhi3, "yyyy-MM-dd")
End If
'=====
WK_String = DateString & "-" & TimeString & " mkBbh3 を起動します。おまち下さい。開始日=" & Kaisu & " 終了日=" & Syuryo
Call WtKnri(Ten_WKFL, WK_String)
'データを開く
Wk_Buf = Trim(Myhdr) & "data\bundata.txt"
'SQL接続文字列
Try
    '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=xxx.yyy.zzz.aaa,user=username,password=password,database=master;Connect Timeout=5000;"

    '接続を作成します
    sqlDA.SelectCommand = New MySqlCommand()
    sqlDA.SelectCommand.CommandType = CommandType.Text
    sqlDA.SelectCommand.CommandText = "SELECT kigyو, mise, store, busdt, bumon, bunrui, uriage, suryo, kycut, dsprat, dscqty, arari"
& _
        " FROM " & Btt & _
        " where busdt>=" & Kaisu & "' and busdt<=" & Syuryo & "'"
    sqlDA.SelectCommand.Connection = New MySqlConnection(MyconString)
    'スキーマ情報をDatasetに追加する
    sqlDA.MissingSchemaAction = MissingSchemaAction.AddWithKey
    'WK_String = DateString & "-" & TimeString & " mkBbh3 " & sqlDA.SelectCommand.CommandText
    'Call WtKnri(Ten_WKFL, WK_String)
Catch ex As Exception
    WK_String = DateString & "-" & TimeString & " mkBbh3 分類用データリーダー作成でエラーが発生していますエラー=" &
Str(Err.Number) & " 明細:" & ex.Message
    Call WtKnri(Ten_WKFL, WK_String)
    '
Exit Function
End Try
'
Try
    '接続を作成
    sqlDA.Fill(resultDS, Btt)
    'ここからデータ読み込み
    Ifile = File.OpenText(Wk_Buf)
    '一件目はタイトルなので読み飛ばし
    Iinstr = Ifile.ReadLine
    '
While Ifile.Peek > -1
    Iinstr = Ifile.ReadLine
    Ildata = Split(Iinstr, Chr(9))

    Incnt = Incnt + 1
ReDim Jdata(7)

```

'データの読み込み

Jjdata(0) = Val(Iidata(0))

Jjdata(1) = Val(Iidata(1))

Jjdata(2) = Val(Iidata(3))

If Iidata(4) = "NULL" Then

Jjdata(3) = Jjdata(2) * 100

Else

Jjdata(3) = Val(Iidata(4))

End If

Jjdata(4) = Val(Iidata(5))

Jjdata(5) = Val(Iidata(6))

Jjdata(6) = Val(Iidata(7))

Jjdata(7) = Val(Iidata(8))

YYMMDD = Iidata(2)

Istore = LsSSCNV(Jjdata(0), Jjdata(1))

findTheseVals(0) = Jjdata(0)

'企業コード

findTheseVals(1) = Jjdata(1)

'店(2桁)

findTheseVals(2) = YYMMDD

'日付

findTheseVals(3) = Jjdata(3)

'中分類

oDR = resultDS.Tables(Btt).Rows.Find(findTheseVals)

If oDR Is Nothing Then

'無い場合は追加

oDR = resultDS.Tables(Btt).NewRow()

oDR("kigyō") = Jjdata(0)

oDR("mise") = Jjdata(1)

oDR("store") = Istore

oDR("busdt") = YYMMDD

oDR("bumon") = Jjdata(2)

oDR("bunrui") = Jjdata(3)

oDR("uriage") = Jjdata(5)

oDR("suryo") = Jjdata(4)

oDR("kycut") = 0

oDR("dsprat") = Jjdata(7)

oDR("dscqty") = Jjdata(6)

oDR("arari") = 0

resultDS.Tables(Btt).Rows.Add(oDR)

Otcnt = Otcnt + 1

Else

oDR("kigyō") = Jjdata(0)

oDR("mise") = Jjdata(1)

oDR("store") = Istore

oDR("busdt") = YYMMDD

oDR("bumon") = Jjdata(2)

oDR("bunrui") = Jjdata(3)

oDR("uriage") = Jjdata(5)

oDR("suryo") = Jjdata(4)

oDR("kycut") = 0

oDR("dsprat") = Jjdata(7)

oDR("dscqty") = Jjdata(6)

oDR("arari") = 0

Ctcnt = Ctcnt + 1

End If

If Incnt Mod 1000 = 0 Then

Label5.Text = Incnt

Label6.Text = Otcnt

Label9.Text = Ctcnt

Application.DoEvents()

End If

End While

'ファイルを閉じる

Ifile.Close()

WK_String = DateString & "-" & TimeString & " mkBbh3 を書き出します。おまち下さい。入力=" & Str(Incnt) & " 出力=" & Str(Otcnt) & " 更新=" & Str(Ctcnt)

Call WtKnri(Ten_WKFL, WK_String)

Catch ex As MySqlException

```

WK_String = DateString & "-" & TimeString & " mkBbh3 読み込み中にエラー=" & Str(ex.Number) & " 明細:" & ex.Message & " 場所
=" & Str(Incnt)
Call WtKnri(Ten_WKFL, WK_String)
Finally
Label5.Text = Incnt
Label6.Text = Otcnt
Label9.Text = Ctcnt
Application.DoEvents()
End Try
'処理が終了したら、書き出す
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 MySql.Data.MySqlClient.MySqlCommandBuilder(sqlDA)
'DataSetに対する更新結果をDBに反映
sqlDA.Update(resultDS, Btt)
WK_String = DateString & "-" & TimeString & " mkBbh3 の書き出しが終了しました"
Call WtKnri(Ten_WKFL, WK_String)
Catch ex As Exception
WK_String = DateString & "-" & TimeString & " mkBbh3 データの書き出し中にエラー=" & Str(Err.Number) & " 明細:" & ex.Message
Call WtKnri(Ten_WKFL, WK_String)
Finally
resultDS.Dispose()
sqlDA.Dispose()
End Try
'=====ここまでが一回目です=====
If Wkhi3 = #12/31/2099# Then Exit Function
,
If M3d <> 1 Then
Wkhi4 = DateAdd(DateInterval.Day, M3d - 1, Wkhi3)
Else
Wkhi4 = Wkhi3
End If
Kaisi = Format(Wkhi4, "yyyy-MM-dd")
Syuryo = Format(Wkhi2, "yyyy-MM-dd")
,
Btt = "BUN" & Format(Wkhi4, "yyMM")

WK_String = DateString & "-" & TimeString & " mkBbh3 二回目を起動します。おまち下さい。開始日=" & Kaisi & " 終了日=" & Syuryo
Call WtKnri(Ten_WKFL, WK_String)
'SQL接続文字列
'データを開く
Wk_Buf = Trim(Myhdr) & "data¥bundata2.txt"
'SQL接続文字列
Try
'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=xxx.yyy.zzz.aaa,user=username,password=password,database=master;Connect Timeout=5000;"

'接続を作成します
sqlDA.SelectCommand = New MySqlCommand()
sqlDA.SelectCommand.CommandType = CommandType.Text
sqlDA.SelectCommand.CommandText = "SELECT kigyو, mise, store, busdt, bumon, bunrui, uriage, suryo, kycut, dsprat, dscqty, arari"
& _
" FROM " & Btt & _
" where busdt>=" & Kaisi & " and busdt<=" & Syuryo & ""
sqlDA.SelectCommand.Connection = New MySqlConnection(MyconString)
'スキーマ情報をDatasetに追加する
sqlDA.MissingSchemaAction = MissingSchemaAction.AddWithKey
WK_String = DateString & "-" & TimeString & " mkBbh3 " & sqlDA.SelectCommand.CommandText
Call WtKnri(Ten_WKFL, WK_String)
Catch ex As Exception
WK_String = DateString & "-" & TimeString & " mkBbh3 分類用データリーダー作成でエラーが発生していますエラー=" &
Str(Err.Number) & " 明細:" & ex.Message
Call WtKnri(Ten_WKFL, WK_String)

```

```
Exit Function
```

```
End Try
```

```
Try
```

```
'接続を作成
```

```
sqlDA.Fill(resultDS, Btt)
```

```
'ここからデータ読み込み
```

```
Ifile = File.OpenText(Wk_Buf)
```

```
'一件目はタイトルなので読み飛ばし
```

```
Iinstr = Ifile.ReadLine
```

```
While Ifile.Peek > -1
```

```
    Iinstr = Ifile.ReadLine
```

```
    Iidata = Split(Iinstr, Chr(9))
```

```
    Incnt = Incnt + 1
```

```
    ReDim Jjdata(7)
```

```
'データの読み込み
```

```
Jjdata(0) = Val(Iidata(0))
```

```
Jjdata(1) = Val(Iidata(1))
```

```
Jjdata(2) = Val(Iidata(3))
```

```
If Iidata(4) = "NULL" Then
```

```
    Jjdata(3) = Jjdata(2) * 100
```

```
Else
```

```
    Jjdata(3) = Val(Iidata(4))
```

```
End If
```

```
Jjdata(4) = Val(Iidata(5))
```

```
Jjdata(5) = Val(Iidata(6))
```

```
Jjdata(6) = Val(Iidata(7))
```

```
Jjdata(7) = Val(Iidata(8))
```

```
YYMMDD = Iidata(2)
```

```
Istore = LsSSCNV(Jjdata(0), Jjdata(1))
```

```
findTheseVals(0) = Jjdata(0)
```

```
'企業コード
```

```
findTheseVals(1) = Jjdata(1)
```

```
'店(2桁)
```

```
findTheseVals(2) = YYMMDD
```

```
'日付
```

```
findTheseVals(3) = Jjdata(3)
```

```
'中分類
```

```
oDR = resultDS.Tables(Btt).Rows.Find(findTheseVals)
```

```
If oDR Is Nothing Then '無い場合は追加
```

```
    oDR = resultDS.Tables(Btt).NewRow()
```

```
    oDR("kigyo") = Jjdata(0)
```

```
    oDR("mise") = Jjdata(1)
```

```
    oDR("store") = Istore
```

```
    oDR("busdt") = YYMMDD
```

```
    oDR("bumon") = Jjdata(2)
```

```
    oDR("bunrui") = Jjdata(3)
```

```
    oDR("uriage") = Jjdata(5)
```

```
    oDR("suryo") = Jjdata(4)
```

```
    oDR("kycut") = 0
```

```
    oDR("dsprat") = Jjdata(7)
```

```
    oDR("dscqty") = Jjdata(6)
```

```
    oDR("arari") = 0
```

```
    resultDS.Tables(Btt).Rows.Add(oDR)
```

```
    Otcnt = Otcnt + 1
```

```
Else
```

```
    oDR("kigyo") = Jjdata(0)
```

```
    oDR("mise") = Jjdata(1)
```

```
    oDR("store") = Istore
```

```
    oDR("busdt") = YYMMDD
```

```
    oDR("bumon") = Jjdata(2)
```

```
    oDR("bunrui") = Jjdata(3)
```

```
    oDR("uriage") = Jjdata(5)
```

```
    oDR("suryo") = Jjdata(4)
```

```
    oDR("kycut") = 0
```

```

        oDR("dsprat") = Jjdata(7)
        oDR("dscqty") = Jjdata(6)
        oDR("arari") = 0
        Ctcnt = Ctcnt + 1
    End If
    If Incnt Mod 1000 = 0 Then
        Label5.Text = Incnt
        Label6.Text = Otcnt
        Label9.Text = Ctcnt
        Application.DoEvents()
    End If
End While
'ファイルを閉じる
Ifile.Close()

WK_String = DateString & "-" & TimeString & " mkBbh3 を書き出します。おまち下さい。入力=" & Str(Incnt) & " 出力=" & Str(Otcnt)
& " 更新=" & Str(Ctcnt)
    Call WtKnri(Ten_WKFL, WK_String)
Catch ex As Exception
    WK_String = DateString & "-" & TimeString & " mkBbh3 読み込み中にエラー=" & Str(Err.Number) & " 明細:" & ex.Message
    Call WtKnri(Ten_WKFL, WK_String)
Finally
    Label5.Text = Incnt
    Label6.Text = Otcnt
    Label9.Text = Ctcnt
    Application.DoEvents()
End Try
'処理が終了したら、書き出す
Try
    'Update文の自動実行のためにCommandBuilderオブジェクトを作成する
    sqlCommandBldr = New MySql.Data.MySqlClient.MySqlCommandBuilder(sqlDA)
    'DataSetに対する更新結果をDBIに反映
    sqlDA.Update(resultDS, Btt)
    WK_String = DateString & "-" & TimeString & " mkBbh3 の書き出しが終了しました"
    Call WtKnri(Ten_WKFL, WK_String)
Catch ex As Exception
    WK_String = DateString & "-" & TimeString & " mkBbh3 データの書き出し中にエラー=" & Str(Err.Number) & " 明細:" & ex.Message
    Call WtKnri(Ten_WKFL, WK_String)
Finally
    resultDS.Dispose()
    sqlDA.Dispose()
End Try
End Function

Function LsSSCNV(ByVal kigyo As Long, ByVal mise As Long) As Long
    Select Case kigyo
        Case 2
            LsSSCNV = mise + 500
        Case 3
            LsSSCNV = mise + 700
        Case 4
            LsSSCNV = mise + 300
        Case 5
            LsSSCNV = mise + 400
        Case Else
            LsSSCNV = mise
    End Select
End Function
End Class

```