

frmLookup - 1

Option Explicit

Private Const MODULE_NAME = "frmLookup"

Public Enum rtRefTable ' Do not change the sequencing of these!

rtUnknown = -1
rtImmunization
rtSkinTest
rtLabTest
rtMeasurement
rtRadExam
rtExam
rtDrug
rtProcedure
rtClinic
rtDiscipline
rtHospLoc
rtProvider
rtICD
rtICDLex
rtLocation
rtCPT
rtCPTLex
rtCPTCategory
rtCPTModifier
rtTransCode
rtHealthFactor
rtVendor
rtEduTopic
rtICDProcedure
rtPatient

End Enum

' Returned

Public m_sName As String
Public m_sRecId As String

Dim m_sTableName As String
Dim m_eRefTable As rtRefTable
Dim m_sFileNum As String
Dim m_sRpcCall As String
Dim m_sParam As String
Dim m_sFrom As String
Dim m_sDir As String
Dim m_iMax As Integer
Dim m_sXref As String
Dim m_sScreen As String
Dim m_sAll As String
Dim m_sFlds As String
Dim m_sColControl As String 'Name:Hidden:Result Piece:Proper Case ^ ...
Dim m_bCancelled As Boolean
Dim m_bLookupNull As Boolean

Private Const HEIGHT_COLLAPSED = 1380

Private Const HEIGHT_EXTENDED = 4755

Public Function RunQuery(RefTable As rtRefTable, Param As String, Optional AutoReturn As Boolean, Optional ByVal Screen As String = "**") As Boolean

Dim v() As String, sRpc As String

On Error GoTo errHandle

RunQuery = False

m_bCancelled = False

Init RefTable

m_sParam = Xlate(UCase(Param), U)

txtName.Text = Param

If m_sRpcCall = "" Then Exit Function

fgResults.Rows = 1

If InStr(m_sParam, " - ") <> 0 Then m_sParam = Piece(m_sParam, " - ")

If Screen <> "**" Then m_sScreen = Screen

If m_sParam <> "" Or m_bLookupNull Then

m_sParam = m_sFileNum & U & m_sParam & U & m_sFrom & U & m_sDir & U & CStr(m_iMax) _

```

        & U & m_sXref & U & m_sScreen & U & m_sAll & U & m_sFlds

sRpc = CallRPCList(m_sRpcCall, m_sParam)

If ErrorCheck(sRpc) Then
    cmdSelect.Enabled = False
    Collapse
    RunQuery = sRpc = ""
    Exit Function
End If

v = Split(sRpc, vbCrLf)
cmdSelect.Enabled = True
Expand
LoadGrid v
End If

If fgResults.Rows = 2 And m_sRecId = "" And AutoReturn Then
    If m_eRefTable = rtICD Or m_eRefTable = rtICDLex Then
        m_sName = fgResults.TextMatrix(1, 1) & " - " & fgResults.TextMatrix(1, 2)
    Else
        m_sName = fgResults.TextMatrix(1, 2)
    End If

    m_sRecId = fgResults.TextMatrix(1, 0)
    RunQuery = True
    Exit Function
Else
    m_sRecId = ""
End If

If fgResults.Rows > 1 Then
    fgResults.Row = 1
    fgResults.Select 1, 0, 1, fgResults.Cols - 1
End If

If m_sRecId = "" And Not Visible Then
    Show vbModal
    RunQuery = Not m_bCancelled
    Unload Me
End If

Exit Function

errHandle:
    ErrorTrap MODULE_NAME, "RunQuery"
End Function

Private Sub Collapse()
    fgResults.Visible = False
    Height = HEIGHT_COLLAPSED
End Sub

Private Sub Expand()
    Height = HEIGHT_EXTENDED
    fgResults.Visible = True
    If Visible Then fgResults.SetFocus
End Sub

Private Sub Init(RefTable As rtRefTable)
    m_eRefTable = RefTable
    m_sTableName = ""
    m_sFileNum = ""
    m_sRpcCall = "BGOUTL DICLKUP"
    m_sScreen = ""
    m_sFlds = ".01"
    m_sXref = ""
    m_iMax = 250
    m_sDir = ""
    m_sColControl = ""
    m_sName = ""
    m_sRecId = ""
    m_bLookupNull = True

```

```
m_bCancelled = False
```

```
Select Case RefTable
```

```
Case rtImmunization
```

```
    m_sTableName = "Immunization"
```

```
    m_sFileNum = "9999999.14"
```

```
    m_sScreen = ".07'=1"
```

```
    m_sFlds = ".01;1.14"    '".01;1.01;1.14"
```

```
    m_sColControl = "ID:1:1^Imm #:1:0^Immunization:0:3^Brand Name:0:4^Long Name:1:5"
```

```
Case rtSkinTest
```

```
    m_sTableName = "Skin Test"
```

```
    m_sFileNum = "9999999.28"
```

```
    m_sScreen = ".03'=1"
```

```
Case rtEduTopic
```

```
    m_sTableName = "Education Topic"
```

```
    m_sFileNum = "9999999.09"
```

```
    m_sScreen = ".03'=1"
```

```
Case rtLabTest
```

```
    m_sTableName = "Lab Test"
```

```
    m_sFileNum = "60"
```

```
Case rtMeasurement
```

```
    m_sTableName = "Measurement"
```

```
    m_sFileNum = "9999999.07"
```

```
    m_sFlds = ".01;.02"
```

```
    m_sColControl = "ID:1:1^Code:1:3^Measurement:0:4"
```

```
Case rtRadExam
```

```
    m_sTableName = "Radiology Exam"
```

```
    m_sFileNum = "71"
```

```
Case rtExam
```

```
    m_sTableName = "Exam"
```

```
    m_sFileNum = "9999999.15"
```

```
    m_sScreen = ".04'=1"
```

```
Case rtDrug
```

```
    m_sTableName = "Drug"
```

```
    m_sFileNum = "50"
```

```
Case rtProcedure
```

```
    m_sTableName = "Diagnostic Procedure"
```

```
    m_sFileNum = "9999999.68"
```

```
Case rtClinic
```

```
    m_sTableName = "Clinic"
```

```
    m_sFileNum = "40.7"
```

```
    m_sColControl = "ID:1:1^Code:1:4^Clinic:0:3:1"
```

```
Case rtDiscipline
```

```
    m_sTableName = "Discipline"
```

```
    m_sFileNum = "7"
```

```
Case rtHospLoc
```

```
    m_sTableName = "Hospital Location"
```

```
    m_sFileNum = "44"
```

```
    m_sScreen = "I $$ACTHLOC(Y)"
```

```
    m_sColControl = "ID:1:1^Code:1:2^Location:0:2"
```

```
Case rtProvider
```

```
    m_sTableName = "Provider"
```

```
    m_sFileNum = "200"
```

```
    m_sScreen = "I $$ACTPRV(Y)"
```

```
    m_sColControl = "ID:1:1^Code:1:0^Provider:0:3"
```

```
    m_bLookupNull = False
```

```
Case rtICD
```

```
    m_sTableName = "Diagnosis"
```

```
    m_sRpcCall = "BGOICDLK ICDLKUP"
```

```
    m_sColControl = "ID:1:2^Code:1:4^Diagnosis:0:1:1"
```

```

Case rtICDLex
    m_sTableName = "Diagnosis"
    m_sRpcCall = "BGOUTL ICDLEX"
    m_sColControl = "ID:1:2^Code:1:4^Diagnosis:0:1:1"

Case rtLocation
    m_sTableName = "Location"
    m_sFileNum = "4"
    m_sColControl = "ID:1:1^Code:1:0^Location:0:3"

Case rtCPT
    m_sTableName = "CPT"
    m_sRpcCall = "BGOVCPT CPTLKUP"

Case rtCPTLex
    m_sTableName = "CPT"
    m_sRpcCall = "BGOUTL LEXLKUP"

Case rtCPTCategory
    m_sTableName = "CPT Category"
    m_sRpcCall = "BGOCPTR OTHCATS"

Case rtCPTModifier
    m_sTableName = "CPT Modifier"
    m_sFileNum = "9999999.88" ' This will be redirected to 81.3 if CSV is active
    m_sFlds = ".01;.02"
    m_sXref = "B~C"
    m_sColControl = "ID:1:1^Code:0:2^CPT Modifier:0:4"

Case rtTransCode
    m_sTableName = "Transaction Code"
    m_sRpcCall = "BGOVTC CMLKUP"
    m_sFlds = ".01;.07;.05;.06"
    m_sColControl = "ID:1:1^Code:0:2^Transaction Description:0:3^CAN:0:4^Class:0:5"

Case rtHealthFactor
    m_sTableName = "Health Factor"
    m_sFileNum = "9999999.64"
    m_sFlds = ".01"
    m_sScreen = ".13'=1"

Case rtVendor
    m_sTableName = "Vendor"
    m_sFileNum = "9999999.11"

Case rtICDProcedure
    m_sTableName = "ICD Procedure"
    m_sFileNum = "80.1"
    m_sFlds = ".01;10"
    m_sScreen = "100'=1"
    m_sColControl = "ID:1:1^Code:0:2^Procedure:0:4"

Case rtPatient
    m_sTableName = "Patient"
    m_sFileNum = "2"
    m_sFlds = ".01;.02;.03;.09"
    m_bLookupNull = False

End Select

If m_sColControl = "" Then m_sColControl = "ID:1:1^Code:1:4^" & m_sTableName & ":0:3"
Caption = "Lookup " & m_sTableName
End Sub

```

```

Private Sub cmdCancel_Click()
    m_bCancelled = True
    Hide
End Sub

```

```

Private Sub cmdSelect_Click()
    Dim i As Integer

```

```

On Error GoTo errHandle

With fgResults
    If .Row = 0 Then Exit Sub
    m_sRecId = .TextMatrix(.Row, 0) ' ID

    If .TextMatrix(0, 1) = "Code" And .ColWidth(1) <> 0 And Not .ColHidden(1) Then
        m_sName = .TextMatrix(.Row, 1) & " - " & .TextMatrix(.Row, 2)
    Else
        m_sName = .TextMatrix(.Row, 2)
    End If
End With

m_bCancelled = False
Hide
Exit Sub

errHandle:
    ErrorTrap MODULE_NAME, "cmdSelect_Click"
End Sub

Private Sub cmdSearch_Click()
    On Error GoTo errHandle

    ' If no criteria, exit
    If txtName = "" And Not m_bLookupNull Then
        ShowWarning TX_NO_SEARCH_TEXT, TC_NO_SEARCH
        Exit Sub
    End If

    RunQuery m_eRefTable, txtName, , m_sScreen

    If m_sRecId <> "" Then
        Hide
    ElseIf Not fgResults.Visible Then
        ShowInfo TX_NO_MATCHES, "Find Record"
    End If

    Exit Sub

errHandle:
    ErrorTrap MODULE_NAME, "cmdSearch_Click"
End Sub

Private Sub fgResults_DblClick()
    cmdSelect_Click
End Sub

Private Sub fgResults_SelChange()
    cmdSelect.Default = True
End Sub

Private Sub fgResults_MouseMove(Button As Integer, Shift As Integer, X As Single, Y As Single)
    Static r As Long, c As Long
    Dim nr As Long, nc As Long

    On Error Resume Next

    If m_eRefTable = rtImmunization Then
        ' get coordinates
        nr = fgResults.MouseRow
        nc = fgResults.MouseCol
        If nr < 0 Or nc < 0 Then Exit Sub

        If nr = 0 Then
            fgResults.ToolTipText = ""
            Exit Sub
        End If

        ' update tooltip text
        If c <> nc Or r <> nr Then
            r = nr

```

```

        c = nc
        fgResults.ToolTipText = fgResults.TextMatrix(r, 4)
    End If
End If
End Sub

```

```

Private Sub Form_Activate()
    If fgResults.Rows > 2 Then
        fgResults.SetFocus
    Else
        txtName.SetFocus
        txtName.SelStart = 0
        txtName.SelLength = 999
    End If
End Sub

```

```

Private Sub Form_Load()
    Collapse
End Sub

```

```

Private Sub LoadGrid(ByRef v() As String)
    Dim i As Integer
    Dim j As Integer
    Dim p As Integer
    Dim s As String
    Dim t As String
    Dim c As String
    Dim NumCols As Integer

```

```

On Error GoTo errHandle

```

```

With fgResults

```

```

    NumCols = PieceCount(m_sColControl, U)
    .Clear
    .Redraw = flexRDNone
    .Rows = 1
    .Cols = NumCols
    .FixedCols = 0

```

```

    For i = 0 To NumCols - 1
        c = Piece(m_sColControl, U, i + 1)
        .ColHidden(i) = Piece(c, ":", 2) <> "0"
        .ColWidth(i) = IIf(i = 2, 2000, IIf(.ColHidden(i), 0, 600))
        .TextMatrix(0, i) = Piece(c, ":")
    Next i

```

```

    .ColAlignment(1) = flexAlignCenterCenter
    .AllowUserResizing = flexResizeColumns
    .AutoSizeMode = flexAutoSizeRowHeight
    .SelectionMode = flexSelectionByRow
    .ExplorerBar = flexExSortShow
    .AllowSelection = False
    .ExtendLastCol = True

```

```

    For i = 0 To UBound(v) - 1
        s = v(i)
        .Rows = .Rows + 1
        .RowData(.Rows - 1) = s

```

```

        For j = 0 To NumCols - 1
            c = Piece(m_sColControl, U, j + 1)
            p = Val(Piece(c, ":", 3)) 'Piece # for column
            t = IIf(p = 0, "", Piece(s, U, p)) 'Extract result for column
            If Piece(c, ":", 4) = "1" Then t = StrConv(t, vbProperCase)
            .TextMatrix(.Rows - 1, j) = t
        Next j
    Next i

```

```

    .AutoSizeMode = flexAutoSizeColWidth
    .AutoSize 1, .Cols - 1

```

```

    If m_eRefTable <> rtCPTModifier Then
        .Col = 2
    End If

```

IrmLookup - 7

```
Else
    .Col = 1
End If

.Sort = flexSortGenericAscending
.Row = 0
.Redraw = flexRDDirect
End With
Exit Sub
```

```
errHandle:
    ErrorTrap MODULE_NAME, "LoadGrid"
End Sub
```

```
Private Sub txtName_GotFocus()
    cmdSearch.Default = True
End Sub
```

frmLookup - 1

VERSION 5.00

Object = "{1C0489F8-9EFD-423D-887A-315387F18C8F}#1.0#0"; "vsflex81.ocx"

Begin VB.Form frmLookup

BorderStyle = 1 'Fixed Single
Caption = "Lookup Utility"
ClientHeight = 3915
ClientLeft = 45
ClientTop = 330
ClientWidth = 7380
LinkTopic = "Form1"
MaxButton = 0 'False
MinButton = 0 'False
ScaleHeight = 3915
ScaleWidth = 7380
StartUpPosition = 1 'CenterOwner

Begin VB.CommandButton cmdSearch

Caption = "&Search"
Default = -1 'True
Height = 360
Left = 4785
TabIndex = 1
TabStop = 0 'False
Top = 225
Width = 1005

End

Begin VB.TextBox txtName

Height = 315
Left = 1920
TabIndex = 0
Top = 240
Width = 2805

End

Begin VB.CommandButton cmdCancel

Cancel = -1 'True
Caption = "&Cancel"
Height = 390
Left = 6150
TabIndex = 3
Top = 480
Width = 1005

End

Begin VB.CommandButton cmdSelect

Caption = "&OK"
Enabled = 0 'False
Height = 390
Left = 6150
TabIndex = 2
Top = 60
Width = 1005

End

Begin VSFlex8Lctl.VSFlexGrid fgResults

Align = 2 'Align Bottom
Height = 2880
Left = 0
TabIndex = 4
Top = 1035
Width = 7380
_cx = 13017
_cy = 5080
Appearance = 1
BorderStyle = 1
Enabled = -1 'True

BeginProperty Font {0BE35203-8F91-11CE-9DE3-00AA004BB851}

Name = "MS Sans Serif"
Size = 8.25
Charset = 0
Weight = 400
Underline = 0 'False
Italic = 0 'False
Strikethrough = 0 'False

EndProperty

MousePointer = 0

BackColor = -2147483643


```
ForeColor          = -2147483640
BackColorFixed     = -2147483633
ForeColorFixed     = -2147483630
BackColorSel       = -2147483635
ForeColorSel       = -2147483634
BackColorBkg       = -2147483636
BackColorAlternate = -2147483643
GridColor          = -2147483633
GridColorFixed     = -2147483632
TreeColor          = -2147483632
FloodColor         = 192
SheetBorder        = -2147483642
FocusRect          = 1
HighLight          = 1
AllowSelection     = -1 'True
AllowBigSelection  = -1 'True
AllowUserResizing  = 0
SelectionMode      = 0
GridLines          = 1
GridLinesFixed     = 2
GridLineWidth      = 1
Rows               = 50
Cols               = 10
FixedRows          = 1
FixedCols          = 1
RowHeightMin       = 0
RowHeightMax       = 0
ColWidthMin        = 0
ColWidthMax        = 0
ExtendLastCol      = 0 'False
FormatString       = ""
ScrollTrack        = 0 'False
ScrollBars         = 3
ScrollTips         = 0 'False
MergeCells         = 0
MergeCompare       = 0
AutoResize         = -1 'True
AutoSizeMode       = 0
AutoSearch         = 0
AutoSearchDelay    = 2
MultiTotals        = -1 'True
SubtotalPosition   = 1
OutlineBar         = 0
OutlineCol         = 0
Ellipsis           = 0
ExplorerBar        = 0
PicturesOver       = 0 'False
FillStyle          = 0
RightToLeft        = 0 'False
PictureType        = 0
TabBehavior        = 0
OwnerDraw          = 0
Editable           = 0
ShowComboButton    = 1
WordWrap           = 0 'False
TextStyle          = 0
TextStyleFixed     = 0
OleDragMode        = 0
OleDropMode        = 0
ComboSearch        = 3
AutoSizeMouse      = -1 'True
FrozenRows         = 0
FrozenCols         = 0
AllowUserFreezing  = 0
BackColorFrozen    = 0
ForeColorFrozen     = 0
WallPaperAlignment = 9
AccessibleName      = ""
AccessibleDescription = ""
AccessibleValue     = ""
AccessibleRole      = 24
```

End

Begin VB.Label lblFirstName

frmLookup - 3

```
Alignment      = 1  'Right Justify
Caption        = "&Search Value"
Height         = 255
Left           = 810
TabIndex       = 6
Top            = 285
Width          = 1035
```

```
End
Begin VB.Label lblSelect
Caption        = "Select one of the following &records"
Height        = 225
Left          = 105
TabIndex       = 5
Top           = 1140
Width         = 2835
End
End
```

Search

OK

Cancel

[illegible]