

Reverse engineering an event

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2004-05/0822.html>

From: benb (*anonymous_at_discussions.microsoft.com*)

Date: 05/13/04

Date: Thu, 13 May 2004 09:41:21 -0700

I am trying to reverse engineer an On Click event for a control in an Access form. Here is what I am trying to do:

There is a field in which the user will enter the name of a contact (s)he wants to find in the database. Below it is a control which the user will click to look for that contact. On Click I want Access to use the criteria entered into the field to modify the criteria in a query linked to a form and run that form to display all the possible matches. I know it can be done because someone else did it in an older database that we do not use anymore. I am getting a compile error that says "User-defined type not defined" Here is the script that was used:

```
Option Compare Database
Option Explicit
Sub BuildSQLString(strSQL As String)
Dim strWhere As String
If Not IsNull(txtName) Then
    strWhere = strWhere & " AND Name LIKE" & "*" & txtName & "*"
End If
If Len(strWhere) > 0 Then strSQL = Mid$(strWhere, 6)

End Sub
Private Sub Run_Click()
If IsNull(txtName) Then MsgBox "You gotta enter a name!"
On Error GoTo Exit_Run_Click
Dim strWhere As String
Dim qdf As QueryDef <-----THE DEBUGGER SELECTS THIS SCRIPT AFTER THE COMPILE
ERROR
BuildSQLString strWhere
If ChangeQueryDef("qryContactlookup", "select qryContactLookup1.* from qryContactLookup1 where " &
strWhere) Then
End If
DoCmd.OpenForm "Form ViewContacts", acNormal
DoCmd.Close acForm, "Form ContactLookup", acSaveNo
Exit_Run_Click:
    Exit Sub
End Sub

Private Function ChangeQueryDef(strQuery As String, strSQL As String)
If strQuery = "" Or strSQL = "" Then Exit Function
```

```
Dim qdf As QueryDef
Set qdf = CurrentDb.QueryDefs(strQuery)
qdf.SQL = strSQL
qdf.Close
RefreshDatabaseWindow
ChangeQueryDef = True
End Function
```

```
Private Sub Cancel_Click()
On Error GoTo Err_Cancel_Click
```

```
    DoCmd.Close
```

```
Exit_Cancel_Click:
    Exit Sub
```

```
Err_Cancel_Click:
    MsgBox Err.Description
    Resume Exit_Cancel_Click
```

```
End Sub
```

The truth is that I am a beginning VB user so I may be biting off more than I can chew, but any help would be appreciated. How should I define the user-defined type?