

Re: Running a query to identify clashes

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2007-11/msg00912.html>

- *From:* Hicksy <Hicksy@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 18 Nov 2007 06:11:02 -0800
-

Thanks Allen.

I have tried the code but i am getting several errors such as "syntax error", "Expected: line number 0r label or statement or end of statement".

I have copied my code below:

Any more help would be really appreciated!

```
Private Sub Form_BeforeUpdate(Cancel As Integer)
```

```
Dim strWhere As String
```

```
Dim varResult As Variant
```

```
Const strcJetDate = "\#dd\mm\yyyy\hh\mm\#"
```

```
If ((Me.VehicleID = Me.VehicleID.OldValue)
```

```
And(Me.BookingOutDateAndTime = Me.BookingOutDateAndTime.OldValue)
```

```
And(Me.BookingReturnDateAndTime =
```

```
Me.BookingReturnDateAndTime.OldValue))
```

```
Or IsNull(Me.VehicleID)
```

```
Or IsNull (Me.BookingOutDateAndTime)
```

```
Or IsNull (Me.BookingReturnDateAndTime)Then
```

```
'do nothing
```

```
Else
```

```
strWhere = "(VehicleID = " & Me.VehicleID & ")AND
```

```
(BookingOutDateAndTime < " & Format(Me.BookingReturnDateAndTime, strcJetDate)
```

```
& ") AND (" & Format(Me.BookingOutDateAndTime, strcJetDate) & " <
```

```
BookingOutDateAndTime) AND (BookingID <> " & Me.BookingID & ")"
```

```
varResult = DLookup("BookingID", "tblBookings", strWhere)
```

```
If Not IsNull(varResult) Then
```

```
Cancel = True
```

```
MsgBox "Clash with booking " & varResult & "."
```

```
End If
```

```
End If
```

```
End Sub
```

"Allen Browne" wrote:

If you are referring to the query in:

Clashing Events/Appointments

at:

<http://allenbrowne.com/appevent.html>

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that query checks every record in the table against every other record to identify any clashes.

If you are only interested in the record that's about to be saved, you only need to compare that one against all the others, so the Cartesian query is not needed.

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Allen Browne – Microsoft MVP. Perth, Western Australia
Tips for Access users – <http://allenbrowne.com/tips.html>
Reply to group, rather than allenbrowne at mvps dot org.

"Hicksy" <Hicksy@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:EA011393-443A-4F58-BB0E-228BC89DF35C@xxxxxxxxxxxxxxxxxxxx

Many thanks Allen.
It was your query I used to establish clashing appointments!
Do i need the query at all then?

thanks
"Allen Browne" wrote:

Use the BeforeUpdate event procedure of the Form where the entry is made.
Use
DLookup() to see if there is a clashing entry.

For help with DLookup(), see:
<http://allenbrowne.com/casu-07.html>
The basic idea is that there is a clash if:
– this booking starts before the other one ends, and
– the other one starts before this one ends, and
– it's the same vehicle, and
– it's not clashing with itself.

So it will be something like this aircode:

```
Private Sub Form_BeforeUpdate(Cancel As Integer)
Dim strWhere As String
Dim varResult As Variant
Const strcJetDate = "\#mm\dd\yyyy\#"
```

```
If ((Me.VehicleID = Me.VehicleID.OldValue) _
And (Me.StartDate = Me.StartDate.OldValue) _
And (Me.EndDate = Me.EndDate.OldValue)) _
Or IsNull(Me.VehicleID) _
Or IsNull(Me.StartDate) _
Or IsNull(Me.EndDate) Then
'do nothing
Else
```

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```
strWhere = "(VehicleID = " & Me.VehicleID & _  
") AND (StartDate < " & Format(Me.EndDate, strcJetDate)  
& _  
") AND (" & Format(Me.StartDate, strcJetDate) & _  
" < EndDate) AND (ID <> " & Me.ID & ")"  
varResult = DLookup("ID", "BookingTable", strWhere)  
If Not IsNull(varResult) Then  
Cancel = True  
MsgBox "Clash with booking " & varResult & "."  
End If  
End If  
End Sub
```

--

Allen Browne – Microsoft MVP. Perth, Western Australia
Tips for Access users – <http://allenbrowne.com/tips.html>
Reply to group, rather than allenbrowne at mvps dot org.

"Hicksy" <Hicksy@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message
news:90326A82-6234-4DBF-8925-C4CA108CE931@xxxxxxxxxxxxxxxxxxxx

Hi

I am creating a Vehicle Bookings database
and have created a query
which
identifies any clashes for bookings of
vehicles to eliminate double
bookings.

When a user books a car, i would like the
database to check with the
query
to see if the vehicle is available and if it is,
accept the booking. If

it

is

already booked, i would like a message to
appear telling the user to

try

another time or another car.

COuld someone please help me with this
please?

I have nearly finished it and this is one of the
few final problems i
have!

Many thanks

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