

# Re: Duplicate Data in Form, its Subform and SubSubForm

---

*Source:* <http://www.tech-archive.net/Archive/Access/microsoft.public.access.forms/2008-04/msg01450.html>

---

- *From:* Odeh Naber <[odeh.naber@xxxxxxxxxx](mailto:odeh.naber@xxxxxxxxxx)>
  - *Date:* Tue, 22 Apr 2008 01:33:32 -0700 (PDT)
- 

Hello Steve!

Thank you for the help!

I have introduced the code into my database (as it appears below) but after clicking on the button on my form, only the first record gets duplicated, and then the following error appears:

Run time error 3201:

You cannot add or change a record because a related record is required in table 'tblControlData'.

Scroll down to see where the error appears.

Thank you! Odeh

```
Private Sub Label22_Click()  
'On Error GoTo Err_Handler  
'Purpose: Duplicate the main form record and related records in  
the subform.  
Dim db As DAO.Database  
  
Dim rstT2 As DAO.Recordset 'tblControlSeccao  
Dim rstT2A As DAO.Recordset 'tblControlSeccao  
Dim rstT3 As DAO.Recordset 'tblControlArtigo  
  
Dim lngT1PK As Long ' current PK table1  
Dim lngT2PK As Long ' current PK table2  
  
Dim lngT1NewFK As Long ' new FK table1  
Dim lngT2NewFK As Long ' new FK table2  
  
Dim strSql As String 'SQL statement.  
Dim strSql_S As String 'SQL statement.  
Dim strSql_A As String 'SQL statement.  
Dim msg As String
```

## Re: Duplicate Data in Form, its Subform and SubSubForm

```
'records added  
Dim intRC_CD As Integer 'tblControlData  
Dim intRC_CS As Integer 'tblControlSeccao  
Dim intRC_CA As Integer 'tblControlArtigo
```

```
'Save and edits first  
If Me.Dirty Then  
Me.Dirty = False  
End If
```

```
Set db = CurrentDb
```

```
'Make sure there is a record to duplicate.  
If Me.NewRecord Then  
MsgBox "Select the record to duplicate."  
Else  
'Duplicate the main record: add to form's clone.  
'in tblcontroldata 1st table  
IngT1PK = Me.ControlDataID
```

```
With Me.RecordsetClone  
.AddNew  
!ControlDataDe = Me.ControlDataDe  
!ControlDataA = Me.ControlDataA  
'etc for other fields.  
.Update
```

```
intRC_CD = intRC_CD + 1
```

```
'Save the primary key value, to use as the foreign key for  
the related records.  
.Bookmark = .LastModified  
IngT1NewFK = !ControlDataID  
End With
```

```
'Duplicate the related records in tblControlSeccao 2nd table
```

```
'Select all records in tblControlSeccao  
strSql_S = " SELECT SeccaoID, Seccao, ControlDataID"  
strSql_S = strSql_S & " FROM [tblControlSeccao];"  
Set rstT2A = db.OpenRecordset(strSql_S)
```

```
'Select the records to duplicate  
strSql_S = " SELECT SeccaoID, Seccao"  
strSql_S = strSql_S & " FROM [tblControlSeccao]"  
strSql_S = strSql_S & " WHERE ControlDataID = " & IngT1PK &  
";"  
Set rstT2 = db.OpenRecordset(strSql_S)
```

## Re: Duplicate Data in Form, its Subform and SubSubForm

```
'check for empty recordset
If Not rstT2.BOF And Not rstT2.EOF Then
rstT2.MoveLast
rstT2.MoveFirst

Do While Not rstT2.EOF
'save PK
IngT2PK = rstT2!SeccaoID

'add new record
With rstT2A
.AddNew
!ControlDataID = IngT1NewFK
!Seccao = Nz(rstT2!Seccao, "")
'etc for other fields.
.Update
<----- The error appears at this update line.

intRC_CS = intRC_CS + 1

'get new PK
.Bookmark = .LastModified
IngT2NewFK = !SeccaoID ' new PK
End With

'now get the old records from table 3 and dup them
'Duplicate the related records in tblControlSeccao
(3rd table)

strSql_A = "SELECT ArtigoID, Artigo, PrecoCIVA,
QtdFinalActual"
strSql_A = strSql_A & " FROM [tblControlArtigo]"
strSql_A = strSql_A & " WHERE SeccaoID = " & IngT2PK &
";"

Set rstT3 = db.OpenRecordset(strSql_A)

'check for empty recordset
If Not rstT3.BOF And Not rstT3.EOF Then
rstT3.MoveLast
rstT3.MoveFirst

Do While Not rstT3.EOF
strSql = "INSERT INTO tblControlArtigo
(Artigo, PrecoCIVA, QtdInicialActual"
strSql = strSql & ", SeccaoID"
'strSQL = strSql & ", Field1, Field2, Field3,
Field4"
strSql = strSql & ")"
strSql = strSql & " VALUES(" & Nz(rstT3!
```

## Re: Duplicate Data in Form, its Subform and SubSubForm

```
Artigo, "") & ", " & Nz(rstT3!PrecoCIVA, 0)  
strSql = strSql & ", " & IngT2NewFK
```

```
strSql = strSql & ");"
```

```
'insert record  
db.Execute strSql, dbFailOnError
```

```
intRC_CA = intRC_CA + 1
```

```
rstT3.MoveNext  
Loop  
rstT3.Close  
End If  
rstT2.MoveNext  
Loop  
rstT2.Close  
rstT2A.Close  
End If  
End If
```

```
'Display the new duplicate.  
Me.sbfmControl.Visible = False  
Me.sbsbfmControl.Visible = False  
Me.sbsbsbfmControl.Visible = False  
Me.Label17.Visible = False  
Me.Label23.Visible = True  
Me.ControlDataDe.Locked = False  
Me.ControlDataA.Locked = False  
Me.ControlDataDe.Value = Null  
Me.ControlDataA.Value = Null
```

```
'tell me when done  
msg = intRC_CD & " record added to tblControlData"  
msg = msg & vbCrLf & vbCrLf  
msg = msg & intRC_CS & " record(s) added to tblControlSeccao"  
msg = msg & vbCrLf & vbCrLf  
msg = msg & intRC_CA & " record(s) added to tblControlArtigo"  
msg = msg & vbCrLf & vbCrLf  
msg = msg & "Total records added = " & intRC_CD + intRC_CS +  
intRC_CA  
MsgBox msg
```

```
Exit_Handler:  
On Error Resume Next  
Set rstT3 = Nothing  
Set rstT2 = Nothing  
Set rstT2A = Nothing  
Set db = Nothing  
Exit Sub
```

## Re: Duplicate Data in Form, its Subform and SubSubForm

```
Err_Handler:  
MsgBox "Error " & Err.Number & " - " & Err.Description, ,  
"Label22_Click"  
Resume Exit_Handler
```

```
End Sub
```