

# Cannot Open Any more databases

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I am converting from ADO to ADO.NET, and have written a routine to get records from an Access database. It's a customer-order type program. It works fine until I run a 'batch job' which runs through many orders - I then get the message "Cannot Open Any more databases" (I presume this is referring to tables?).

I've tried closing all connections, but it still doesn't work properly. I don't want to set the connections to nothing if I can avoid it, as they will then need to be reinitialised each time I call the function (shown below).

Any help on this would be appreciated!

```
Function PopDataTable(ByVal ods As DataSet, ByVal sTable As String,
ByVal sSQL As String, Optional ByVal sdsSQL As String = "", Optional
ByVal rowParent As DataRow() = Nothing, Optional ByVal sRelation As
String = "", Optional ByVal bForceClearTable As Boolean = False,
Optional ByVal oda As OleDbDataAdapter = Nothing, Optional ByRef ocn As
OleDbConnection = Nothing, Optional ByVal ocomSel As OleDbCommand =
Nothing) As DataRow()
Dim rowR As DataRow
Dim rowSelected() As DataRow
Dim iRecCount As Integer
Dim iSelCount As Integer
Dim shChildCount As Short
Dim shTabCount As Short
```

```
PopDataTable = Nothing
```

```
If IsNothing(ocn) Then
'use the generic connection
ocn = cnGen
End If
```

```
If IsNothing(ocomSel) Then
'use the generic command object
ocomSel = comSelGen
```

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End If

iSelCount = 0

'See if the rows are there

If Not IsNothing(ods.Tables(sTable)) And Not bForceClearTable

Then

If sdsSQL = "" Then

rowSelected = GetChildren(rowParent, sRelation,  
shChildCount)

Else

rowSelected = ods.Tables(sTable).Select(sdsSQL)

End If

iSelCount = rowSelected.Length

PopDataTable = rowSelected

ElseIf Not IsNothing(ods.Tables(sTable)) And bForceClearTable

Then

'Clear the dataset if necessary or required

ods.Tables(sTable).Clear()

End If

'if there are no records execute query

If iSelCount = 0 Then

Try

ocn.Open()

'Set the SelectCommand string and connection...

ocomSel.CommandText = sSQL

ocomSel.Connection = ocn

'set the data adapter to use this information

oda.SelectCommand = ocomSel

'Fill the dataset table

iRecCount = oda.Fill(ods, sTable)

shTabCount = ods.Tables.Count()

If iRecCount > 0 Then

If sdsSQL <> "" Then

PopDataTable =

ods.Tables(sTable).Select(sdsSQL)

Else

'If there's no relationship, select the whole  
datatable

'as it's just been populated

If RelationshipExists(ods, sRelation) Then

'PopDataTable = GetChildren(rowParent,  
sRelation, shChildCount)

PopDataTable =

ods.Tables(sTable).Select(sdsSQL)

Else

PopDataTable =

ods.Tables(sTable).Select(sdsSQL)

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## Cannot Open Any more databases

End If  
End If  
End If

```
Catch eFillException As System.Exception
MsgBox(eFillException.ToString)
'TODO: handle errors here
Finally
ocomSel.Connection.Close()
ocomSel.Connection.ReleaseObjectPool()
oda.SelectCommand.Connection.Close()
oda.SelectCommand.Connection.ReleaseObjectPool()
ocn.Close()
End Try
End If
Return PopDataTable
End Function
```

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