

Re: DataGrid not showing programmatic changes

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From: Jim Carlock (*anonymous_at_127.0.0.1*)

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5 STEPS

(1) To keep this simple start a new VB project rather than messing with your current one just to keep it simple and such.

(2) I tried to hook the following file up and couldn't get it to connect, and I'm not sure it will connect through DAO.

Microsoft DataGrid Control 6.0 (SP6)

– msdatgrd.ocx

(seems to be an ADODB grid only)

There's another data grid control that will connect, though:

Microsoft Data Bound Grid Control 5.0 (SP3)

– DBGrid32.ocx

(this works with a Data1 control and can connect via DAO)

There's mention of a grid in the DBGrid help file, but the help file just mentions the Grid as something else, without specifying which .ocx or .dll it is talking about. I didn't pursue that at all but you might want to take a look at that. I can't comment on it right at the moment. Maybe someone else knows specifically which grid that specifically is.

You can work with both grids at the same time, but I'll talk about that at the end. It much simpler to work with if you have two separate projects. It just starts to get a tad confusing with both types in the same project.

Click on Project, then Components then select the right grid for the project, as indicated above. If you're using DAO then select the DBGrid32.ocx. Close the dialog

for Components.

(4) Drag and drop a DBGrid control to the form. Then drag and drop a data control to the form. Set the following properties of the Data1 control:

Connect: Access 2000;

DatabaseName: click on the ... button to browse to the source.

RecordSource: select the recordset or query you'd like to use

RecordsetType: I usually set this to 1 – Dynaset

(5) For the DBGrid, set the following properties:

DataMode: 0 – bound

DataSource: Data1

The data control is used here. I've tested changing the RecordSource of the Data1 control to a different table and then used the Data1.Refresh to update DBGrid. That works just fine.

And finally a couple of comments:

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(1) The DBGrid1.DataSource property cannot be changed at Run-time. And I haven't messed with trying to connect without using a Data control (Data1). But you can set the Data1.DatabaseName by supplying a fully qualified file path to another database, then set the Data1.RecordSource to the table or query inside the .mdb. Then use Data1.Refresh to update DBGrid1.

(2) If you're using events within class modules, declaring DAO WithEvents will NOT work. It is not supported. You'd have to use ADODB to declare variables WithEvents. This might be good for you if you're working classes (class modules). I don't have any information about how to put it into use right at the moment, other than having you take a look at Form Wizard, if you add a new form, click on the Data Form Wizard and select class code, as opposed to one of the other two options.

(3) The last thing that I will comment on, is if you're using both DAO and ADO, you will need to differentiate the variables.

```
Dim db As DAO.Database
Dim rs As DAO.Recordset
Dim adoDb As ADODB.Database
Dim adoRs As ADODB.Recordset
Hope that helps.
```

--

Jim Carlock

<http://www.microcosmotalk.com/>

Post replies to the newsgroup.

"Dene" wrote:

Jim, If you're following this thread, I have cracked it!! I played around with the DataEnvironment connections for a little bit putting loops in after each update that moved off the record then back re-read it and ensured that the reread data was what was written etc. Breakpoints and checking with the source table through access. This fairly quickly proved it wasn't the dataEnvironment misbehaving. All the results showed it behaving perfectly with no anomalies. This only left the datagrid.

microsoft.public.vb.general.discussion: Re: DataGrid not showing programmatic changes

Obviously the refresh method wasn't causing the source data to be reread. So instead of using the refresh method I reset the datamember leaving the source and fields alone I.E.

```
dgCashbook.Datamember="CashBook"  
BINGO!!! everything updated. :-))))
```

But I still went on to have a look at DAO none of the examples in MSDN or your suggestions seemed to code properly. The autocomplete thingy in the IDE wouldn't recognise the object types or if it recognised the object types they didn't have any properties or methods. I looked through the project components and added every component I thought might have something connected including the ADODC control but nothing helped. What am I missing here to get DAO sorted?

Cheers

"Jim Carlock" wrote:

```
> Dene, do you have the help files for the DataEnvironment ?  
> The VB 6 information seems to be very limited. I found  
> source code in the past where I was using a  
> DataEnvironment but some things are missing from it. If I  
> remember correctly, I decided to use DAO for the majority  
> of everything I needed to do. I did end up using some Data  
> controls but those were hidden. Most of my projects today  
> are all DAO with no controls, and I set up classes to manage  
> everything. The ADO data controls worked great at times  
> and usually I kept them hidden and worked with customized  
> buttons to navigate if so needed.  
>  
> One of the thoughts that crossed my mind was to use use a  
> Public form property to set the Data controls... such as:  
>  
> Private m_sCn As String  
> Public Property Let Connection(ByVal sConn As String)  
>     m_sCn = sConn  
>     If Data1.State  
>         Data1.Connect = sConn  
>         Data2.Connect = sConn  
> End Property  
>  
> If there are only three data connection strings, you could set  
> up Public Properties and Events for each form, and then raise  
> one event to call all the other events. This would be handy in  
> changing the connection strings on each form. And it's pretty  
> easy to get away with.  
>  
> I haven't worked with events all that much, but I can see  
> where it could be put into use here.  
>  
> 'form1  
> Public Enum enumRS_STATE  
>     mctRSClosed = 0&  
>     mctRSOpen = 1&  
> End Enum  
> Private msConnString As String  
> Private msTable As String 'holds Table name or SQL  
> Private rsState As enumRS_STATE  
> Private rs As DAO.Recordset  
> Public Event ConnectionChanged(sNewConn As String)  
>  
> Public Sub Form_ConnectionChanged(sNewConn As String)  
>     'change the connection strings, reconnect here  
>     If rsState = mctRSOpen Then  
>         'close it
```

microsoft.public.vb.general.discussion: Re: DataGrid not showing programmatic changes

```
> rs.Close
> gdb.Close
> rsState = mctRSClosed
> End If
> 'change the connection
> db.Connect = sNewConn
> rs.Open msTable
> End Sub
>
> 'use a global variable or class variable to hold the new
> 'connect string, here would be a class named cAppClass
> Option Explicit
> Private msConn As String
> Private msNewConn As String
> Public Sub NewConnection(ByVal sNewConn As String)
>   Dim f As Form
>   For Each f In App.Forms
>     RaiseEvent f.ConnectionChanged sNewConn
>   Next f
> End Sub
>
> That should be pretty close to how an event might work for
> you.
> --
> Jim Carlock
```