

## RE: Multiple database(datasource) updation using single datagridvi

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group\\_policy/2007-05/msg00173.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group_policy/2007-05/msg00173.html)

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- *From:* Komandur Kannan <Kannan@xxxxxxxxxxxxxxxxxx>
  - *Date:* Wed, 9 May 2007 20:26:01 -0700
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hi,

in my above 2 questions, i need to get the following things to be done in a single process

when the user click on save, it should save oracle database as well as foxpro database at a time, but here both database structures are different, but only one datagridview, having the information for both databases, as i did solved one in the above scenario, how can i add, the foxpro part, is it possible to solve through some relations between Oracle DATATABLE and VFP Datatable, ( but oracle datatable is bound to the datagridview), now how can i map VFP datatable or TO SAVE VFP part in the same time, please advice in detail.. waiting to get your reply

regards,

Anis

"Komandur Kannan" wrote:

hi helo,

for the query, i tried these methods also their after..

1. i did mapped ( bind) wiht oracle datatable into datagridview
2. their after in the same procedure AGAIN, i bind with the same datagridview, this time with vfp struture ( but in the same procedure)

in this process, i found the following drawbacks

1. the binding process is very slow, since both databases affect the same datagridview
2. updation gives error in vfp part

so i dont want to bind vfp database into datagridview, since my primary oracle database is bound with it, is it possible to solve through the relation between 2 datatables, since the process shouldnt affect the speed of the entire process, i beleive filling ( binding) the datagridview, from both database is not advicable at a time, since its taking somuch of time, plz advice in detail, awaiting your reply

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regards,  
Anis

"Komandur Kannan" wrote:

```
hi,  
Operating System: Xp  
Language :Vb.Net 2005  
Connetion :Oledb  
Provider :OraOLEDB.Oracle  
Oracle Version :9i  
vfp connectionstring : gstrPVMDBPath_I = "Provider=vfpoledb.1;Data  
Source=\\it-development\IT  
Development\Development\Chandlers\Sales\PV\Data;Collating  
Sequence=Machine"
```

im binding and storing the oracle database, its working fine with number of rows getting inserted/updated/deleted in a single process as corresponding datatable is bound to that datagridview..

here im giving u the way wht im doing with it..

process 1 : binding..

```
-----=  
  
Dim strTempQuery As String = "Select slno as  
dgod_Sl,clinnumber as dgod_CLIN,SUBSTR(itemcode,1,11) as  
dgod_ItemCode,subslno as  
dgod_Subs,substr(ord_nsn,1,4)||'-'||substr(ord_nsn,5,2)||'-'||substr(ord_nsn,7,3)||'-'||substr(ord_nsn,11,4)  
as dgod_NSN,ficcode as dgod_FIC,descript AS dgod_Description,class as  
dgod_Clas,unit AS dgod_Unit,qty_sup as dgod_Qty,in_price as  
dgod_UnitRate,  
qty_sup * in_price as dgod_UnitValue, subs_reason as dgod_Reason,qty_req  
as  
dgod_OrderQty,storeind as  
dgod_OrderLocation,DECODE(LAST_UPD_BY,'EDI',3,4) as  
dgod_DECIDER,company_code as dgod_CompCode,ordnumber as  
dgod_OrdNo,last_upd_by as dgod_execode FROM SLS_TRNPV_ORDdet  
where  
ordnumber=" & strOrdNumber & " ORDER BY slno"
```

```
lDataAdapterOrdDetl = New OleDbDataAdapter
```

```
lDataAdapterOrdDetl.SelectCommand = New  
OleDbCommand(strTempQuery, OleDbConn)
```

```
lDataAdapterOrdDetl.Fill(lDatatableOrdDetl)  
lBindingSource.DataSource = lDatatableOrdDetl
```

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```
dgOrderDetail.AutoGenerateColumns = False  
dgOrderDetail.DataSource = lbindingSource
```

```
dgOrderDetail.Columns("dgod_SI").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_SI").ToString  
dgOrderDetail.Columns("dgod_CLIN").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Clin").ToString  
dgOrderDetail.Columns("dgod_ItemCode").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_ItemCode").ToString  
dgOrderDetail.Columns("dgod_Substitute").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Subs").ToString  
dgOrderDetail.Columns("dgod_NSN").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_NSN").ToString  
dgOrderDetail.Columns("dgod_FIC").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_FIC").ToString  
dgOrderDetail.Columns("dgod_Description").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Description").ToString  
dgOrderDetail.Columns("dgod_Clas").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Clas").ToString  
dgOrderDetail.Columns("dgod_Unit").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Unit").ToString  
dgOrderDetail.Columns("dgod_Quantity").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Qty").ToString  
dgOrderDetail.Columns("dgod_UnitRate").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_UnitRate").ToString  
dgOrderDetail.Columns("dgod_Value").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_UnitValue").ToString  
dgOrderDetail.Columns("dgod_Reason").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_Reason").ToString  
dgOrderDetail.Columns("dgod_OrderQty").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_OrderQty").ToString  
dgOrderDetail.Columns("dgod_Location").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_OrderLocation").ToString  
dgOrderDetail.Columns("dgod_DECIDER").DataPropertyName =  
ldatatableOrdDetl.Columns("dgod_DECIDER").ToString
```

process 2 – storing

-----

'Infer the schema using database metadata through a  
DataAdapter class. Using DataAdapter.Fill creates tables and columns  
matching

the metadata from DataAdapter's SelectCommand. For this to work,  
DataAdapter's MissingSchemaAction property must be set to Add or  
AddWithKey

' this ONLY MADE FOR BEST RESULT,without this also, the  
transaction will work

```
ldatadapterOrdDetl.MissingSchemaAction =  
MissingSchemaAction.AddWithKey
```

' oracle insertion

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```
ldatadapterOrdDetl.InsertCommand = New OleDbCommand("INSERT  
INTO sls_trnpv_orddet (company_code, Ordnumber, slno,  
clnnumber,SUBSLNO,ord_nsn,our_nsn,STOREIND,itemcode,ficcode,descript,ORD_UNIT,unit,in_p  
VALUES (?, ?, ?,?, ?, ?,?, ?, ?,?, ?, ?,?, ?, ?,?, ?, ?)",  
LoraConnection, LoraTranXlu1)  
ldatadapterOrdDetl.UpdateCommand = New OleDbCommand("UPDATE  
sls_trnpv_orddet SET slno=?,STOREIND=?,itemcode  
=?,qty_sup=?,SUBS_REASON=?  
WHERE Company_Code=? and Ordnumber=? and slno=?",  
LoraConnection,  
LoraTranXlu1)
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@company_code",  
OleDbType.Char, 10, "dgod_CompCode")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@Ordnumber",  
OleDbType.Numeric, 7, "dgod_OrdNo")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@slno",  
OleDbType.VarChar, 5, "dgod_sl")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@clnnumber",  
OleDbType.VarChar, 6, "dgod_Clin")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@SUBSLNO",  
OleDbType.VarChar, 5, "dgod_Subs")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@ord_nsn",  
OleDbType.VarChar, 13, "dgod_NSN")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@our_nsn",  
OleDbType.Char, 13, "dgod_NSN")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@STOREIND",  
OleDbType.VarChar, 10, "dgod_OrderLocation")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@itemcode",  
OleDbType.VarChar, 30, "dgod_ItemCode")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@ficcode",  
OleDbType.Char, 3, "dgod_FIC")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@descript",  
OleDbType.VarChar, 80, "dgod_Description")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@ORD_UNIT",  
OleDbType.VarChar, 2, "dgod_Unit")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@unit",  
OleDbType.Char, 10, "dgod_Unit")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@in_price",  
OleDbType.Decimal, 10, "dgod_UnitRate")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@sellprice",  
OleDbType.Decimal, 10, "dgod_UnitRate")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@class",  
OleDbType.Char, 1, "dgod_Clas")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@origpo_qty",  
OleDbType.Decimal, 10, "dgod_Qty")
```

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```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@qty_req",  
OleDbType.Decimal, 10, "dgod_Qty")  
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@qty_sup",  
OleDbType.Decimal, 10, "dgod_Qty")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@subs_reason",  
OleDbType.VarChar, 2, "dgod_Reason")
```

```
ldatadapterOrdDetl.InsertCommand.Parameters.Add("@last_upd_by",  
OleDbType.VarChar, 3, "dgod_execode")
```

```
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@slno",  
OleDbType.Char, 5, "dgod_sl")  
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@STOREIND",  
OleDbType.VarChar, 10, "dgod_OrderLocation")  
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@itemcode",  
OleDbType.VarChar, 30, "dgod_Itemcode")  
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@qty_sup",  
OleDbType.Decimal, 10, "dgod_Qty")
```

```
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@subs_reason",  
OleDbType.VarChar, 2, "dgod_Reason")
```

```
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@oldcomcode",  
OleDbType.Char, 10, "dgod_CompCode").SourceVersion =  
DataRowVersion.Original
```

```
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@oldOrdnumber",  
OleDbType.Numeric, 7, "dgod_OrdNo").SourceVersion =  
DataRowVersion.Original  
ldatadapterOrdDetl.UpdateCommand.Parameters.Add("@oldslno",  
OleDbType.VarChar, 5, "dgod_sl").SourceVersion =  
DataRowVersion.Original
```

```
ldatadapterOrdDetl.Update(ldatatableOrdDetl)
```

```
' Oracle Transaction commit  
LoraTranXlu1.Commit()
```

```
' commit only iff, the Case belongs VFP also  
If flgRequired2SavenVFP = True Then  
' vfp part commit as well demolish its db  
Lvfptran1.Commit()  
lvfpConnection.Dispose()  
End If
```

```
' ora db smash  
LoraConnection.Dispose()
```

their after committed the transaction and its all working fine,

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NOW MY QUESTION Is...

in a single datagridview, how can i use, multiple databases, one is in oracle ( the above scenario), the another one is in foxpro ( still not able to do so), here, my point is, foxpro table is slightly structure changed from oracle table

so how can i solve this in single place, since i tried, passing different way of saving and binding with vfp database, its either failed or very slow in process ( but both ways couldnt succeeded), so can u advice me,

1). HOW CAN I USE SINGLE DATAGRIDVIEW FOR MULTIPLE DATASOURCES ( few columns are slightly change from eachother datasources), for eg, subs\_reason is the field in oracle, and subsreason is the field in vfp, but i dont want to keep both datasources structure as same, since its already connected with many process)

2). HOW TO BIND ( in vfp table, does it requires to bind again with the same datagridview, since its very slow, when i tried this)

3). AND UPDATE PART OF THE BOTH DATASOURCES ( THE ONE I ALREADY SOLVED, I NEED THE SOLUTION FOR ANOTHER DATASOURCE, ie, VFP)

awaiting to get your valuable reply  
regards,  
Anis