

# Re: Typed DataSet Navigation (Multiple Tables)

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- *From:* "Cor Ligthert [MVP]" <[notmyfirstname@xxxxxxxxxx](mailto:notmyfirstname@xxxxxxxxxx)>
  - *Date:* Tue, 13 Jun 2006 18:40:19 +0200
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Rick,

The idea is creating a filter on a parent DataView and then getting a SINGLE DataView from the child in which contains ALL relating DataRows / DataRowViews that essentially pass through the filter.

If you use a filter with the same keys as the relation, than the relation has no sense anymore.

AFAIK is it impossible to get returned from a relation direct a datatable (you can get the childrows by using parent.GetChildRows()). Therefore is that faking with the dataview.

That sample is the first I gave you. Did you look at it?

Co

"Rick" <[rryerson@xxxxxxxxxx](mailto:rryerson@xxxxxxxxxx)> schreef in bericht  
[news:1150215035.005248.186990@xx](mailto:news:1150215035.005248.186990@xx)

This method only returns the associated 'rows' for the particular data row view. But applying a filter to the parent view will contain multiple rows. I am trying to do this WITHOUT iteration and populating arrays, collections, etc.

The idea is creating a filter on a parent DataView and then getting a SINGLE DataView from the child in which contains ALL relating DataRows / DataRowViews that essentially pass through the filter.

I would have thought this was possible with a Typed DataSet with DataRelations.

Consider Northwind. I want to populate a DataGrid with [Order Details] that are "associated" to orders in which EmployeeId = 5 created.

I don't want to see a DataGrid (or any other controls) with the Orders,

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I just want to see and manipulate the order details. (For instance EmployeeId entered every price with the wrong discount, and I need to update them, BUT from a single DataView). Also, I want this in a single DataView, so I don't have to iterate/select the Orders.

Or from the reverse relationship, I would like to see all the orders in which contain a [order detail] for ProductId = 5. I just want to see the "associated" Table, in this case here, the Orders (Not Order Details).

Also, the references to DataGrid are for examples, I am not using ANY controls what so ever. This is all code, for a Windows Service.

Best regards,

Rick

Cor Ligthert [MVP] wrote:

Rick,

Please keep it with one message thread, now people start answering new again.

As I read the other message than is the only thing you need the property "Row"

`dr = drv.row; \\gives the associated row from a drv`

I hope this helps,

Cor

"Rick" <rryerson@xxxxxxxxxx> schreef in bericht  
[news:1150203916.047593.236030@xx](mailto:news:1150203916.047593.236030@xx)

Cor,

Thanks for example. However, this really doesn't meet my needs. I can do this by binding the DataSet to controls (2 data grids) but I need to be able to do this in code as this is for a windows service.

I need to be able to filter one of the tables and get a view from the other table(s) that will only contain associated records.

Best regards,

Rick

Re: Typed DataSet Navigation (Multiple Tables)

Cor Ligthert [MVP] wrote:

Rick,

With a version 2.0 typed dataset this is a piece of cake.

With 1.1 I assume that most people have taken the route from the non typed dataset (it is not changed for nothing in my idea).

I thought that this sample shows a little bit your needs

<http://www.vb-tips.com/default.aspx?ID=cb1408ff-030d-4ea8-80b1-af26354b1fa0>

I hope this helps,

Cor

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I don't know if my terminology is correct so please bear with me.

I have a Typed DataSet that contains a number of related Tables. I am trying to filter the parent table, child table and then traverse a grand child table with the expected result of the only grand child records in the data view would be those related to the Parent/Child and pass through the filter.

I can't seem to do this.

I could possibly be able to extend an answer that is

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based on  
Northwind  
Orders and order Details.  
I.e. I want to see only Order  
Detail  
records  
in the Dataview that pass the  
filter applied to the master  
Orders  
(Orders.EmployeeId = 6 [I  
only want to see Order  
Details that relate  
to  
Employee 5])

If someone could please  
help me understand the  
process of setting  
this  
up, I would greatly  
appreciate it.

.NET 1.1 or 1.0.

Best regards,

Rick