

RE: Nested DataGrid using Relations sorting child

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2005-10/msg00094.html>

- *From:* stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng[MSFT])
 - *Date:* Wed, 05 Oct 2005 10:34:08 GMT
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Hi DelphiBlue,

How are you doing on this issue, have you got any progress? If there're anything else we can help, please feel free to post here.

Thanks,

Steven Cheng
Microsoft Online Support

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| X-Tomcat-ID: 112481911
| References: <DD408273-8A9B-4341-8A44-FF0CDBEF45A5@xxxxxxxxxxxxxxxx>
| MIME-Version: 1.0
| Content-Type: text/plain
| Content-Transfer-Encoding: 7bit
| From: stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng[MSFT])
| Organization: Microsoft
| Date: Fri, 30 Sep 2005 07:28:45 GMT
| Subject: RE: Nested DataGrid using Relations sorting child
| X-Tomcat-NG: microsoft.public.dotnet.general
| Message-ID: <zUDTiCZxFHA.780@xxxxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.dotnet.general
| Lines: 94
| Path: TK2MSFTNGXA01.phx.gbl
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.dotnet.general:51022
| NNTP-Posting-Host: tomcatimport2.phx.gbl 10.201.218.182

| Hi DelphiBlue,

| Welcome to MSDN newsgroup.
| From your description, you're using nested datagrids in your asp.net
page
| to display master/details datas. However, you found that you got problems
| when apply sorting function on the nested inner datagrid , yes?
|
| Based on the symptom and the code sinppet you provided, I think the

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problem

| is likely caused by the "NestedView" you used in the

| DataGrid2_SortCommand

| function. In DataGrid2_SortCommand you retrieve the "NestedView" from the

| (DataView) NestedDataGrid.DataSource;

| However, the NestedDataGrid's DataSource is only available during the databinding processing time. So in the Sorting postback event, that property is not available, so you bind a empty(null) datasource to your nestegrid which cause the nestedgrid displaying empty data.

| For your scenario, generally, we'll need to put the DataSource for master/details datagrid in a certain persistent storage, for example, the asp.net 's application Cache or Session State. So when there occurs postback events which need to rebind the data, we can retrieve the dataset/datatable from them and create the certain Dataview from the stored dataobjects.

| In addition, you can also requery the data from database in each postback sorting event, though this will add performace pain on the database but will release your serverside memory (for session or application cache 's memory usage).

| Thanks,

| Steven Cheng

| Microsoft Online Support

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|| Thread-Topic: Nested DataGrid using Relations sorting child

|| thread-index: AcXE53aJgoDi/8/RTP+FggmE576dvA==

|| X-WBNR-Posting-Host: 68.20.140.7

|| From: "=?Utf-8?B?RGVscGhpQmx1ZQ==?" <DelphiBlue@xxxxxxxxxxxxxx>

|| Subject: Nested DataGrid using Relations sorting child

|| Date: Thu, 29 Sep 2005 04:18:05 -0700

|| Lines: 32

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Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.dotnet.general:50937
X-Tomcat-NG: microsoft.public.dotnet.general

I have a Nested Datagrid that is using a data relations to tie the parent child datagrids together. All is working well with the display but I am having some issues trying to sort the child datagrid.

```
HTML
Datagrid1
TemplateColumn
Table
Header information
Detail Information
DataGrid2 - AllowSorting=true, DataKeyField="CUSTOMERPARTID"
aspx.cs:
DataGrid2_SortCommand
DataGrid NestedDataGrid = (DataGrid) source;
DataView NestedView = (DataView) NestedDataGrid.DataSource;
NestedView.Sort=strSort;
NewDataGrid.DataSource = NestedView;
NewDataGrid.DataKeyField = "CUSTOMERPARTID";
NewDataGrid.DataBind();
```

When I map the NestedView to an outside Datagrid the sorting works fine but when I am trying to bind the NestedView to the Child Datagrid it clears out the child records in the datagrid. What I noticed was that, binding the child datagrid with the new sorted view the DataKeyArray gets cleared out.

Any help would be great.

Thanks,

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