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Method to Find GridView Column Index by Name

Ask Question



I'm trying to write a small method to loop through and find a GridView Column by its Index, since it can change position based on what might be visible.

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Here is what I have so far:

In this case, DataColumn doesn't appear to be the right type to use, but I'm kind of lost as to what I should be doing here.

I can only use .NET 2.0 / 3.5. I can't use 4.0.

c# asp.net

edited Mar 29 '16 at 11:23



asked Oct 13 '10 at 15:13



7 Answers



Here's a VB version

0

Protected Function GetColumnIndexByHeaderText(grid As GridView, findl Integer



answered Dec 16 '18 at 16:27





In case if you need a column itself and not just its index you can use some Ling magic:





DataControlField col=GridView1.Columns.Cast<DataControlField>().Firs
== "Column_header")

answered Mar 16 '18 at 11:44

montonero

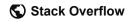


```
//Get index of column by header text.
    int GetColumnIndexByName(GridViewRow row, string headerText)
        int columnIndex = 0;
        foreach (DataControlFieldCell cell in row.Cells)
            if(cell.ContainingField is TemplateField){
                if(((TemplateField)cell.ContainingField).HeaderText.
                    break;
          if(cell.ContainingField is BoundField){
(((BoundField)cell.ContainingField).HeaderText.Equals(headerText))
                    break;
            columnIndex++;
        return columnIndex;
                                       answered Jun 19 '17 at 11:21
```

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I figured it out, I needed to be using DataControlField and slightly different syntax.



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```
The working version:
```



```
private int GetColumnIndexByName(GridView grid, string name)
        foreach (DataControlField col in grid.Columns)
            if (col.HeaderText.ToLower().Trim() == name.ToLower().Tr
                return grid.Columns.IndexOf(col);
        return -1;
```

edited Mar 29 '16 at 11:23



Maroun 146 207

answered Oct 13 '10 at 15:30



Delebrin

This way, works for me (.NET Gridview):

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```
private int GetColumnIndexByName(GridView grid, string name)
    for (int i = 0; i < grid.HeaderRow.Cells.Count; i++)</pre>
        if (grid.HeaderRow.Cells[i].Text.ToLower().Trim() == name
            return i;
    return -1;
```

answered Oct 9 '14 at 12:21



It would appear that HeaderRow isn't initialised until after data is bound. — Matt Jun 12 '16 at 23:41

Correction: until after DataSource is set. – Matt Jun 13 '16 at 0:09



Better solution which works for Datafield, SortExpression and headerText.

2



answered Oct 7 '14 at 13:04





I prefer collection iteration but why bother with the overhead of foreach and grid.Columns.IndexOf call in this case? Just iterate through array with an index.



```
private int GetColumnIndexByName(GridView grid, string name)
{
    for(int i = 0; i < grid.Columns.Count; i++)
    {
        if (grid.Columns[i].HeaderText.ToLower().Trim() == name.ToLon
        {
            return i;
        }
    }
    return -1;
}</pre>
```

edited Dec 12 '12 at 10:47



answered Aug 27 '12 at 18:29

