

How to hide a TemplateField column in a GridView

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How can I hide a TemplateField column in a GridView?

37

I tried the following:



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```
<asp:TemplateField ShowHeader="False" Visible='<%# MyBoolProperty %>' >
<ItemTemplate>
    <asp:LinkButton ID="attachmentButton" runat="server" ... />
</ItemTemplate>
```

but it didn't work and gives the following error:

Databinding expressions are only supported on objects that have a DataBinding event. System.Web.UI.WebControls.TemplateField does not have a DataBinding event.

I tried also to hide it programmatically, but seems it's not possible to get a column by the name because there is no name for TemplateField column.

[asp.net](#)[.net](#)[data-binding](#)[gridview](#)[exception-handling](#)

edited Mar 29 '12 at 13:05



[abatishchev](#)

70.4k 70 266 397

asked Feb 10 '11 at 8:32

[Homam](#)

13.5k 26 94 166

9 Answers



54



```
protected void OnRowCreated(object sender, GridViewRowEventArgs e)
{
    e.Row.Cells[columnIndex].Visible = false;
}
```



If you don't prefer hard-coded index, the only workaround I can suggest is to **provide a HeaderText for the GridViewColumn and then find the column using that HeaderText** .

```
protected void UsersGrid_RowCreated(object sender, GridViewRowEventArgs e)
{
    ((DataControlField)UsersGrid.Columns
        .Cast<DataControlField>()
        .Where(fld => fld.HeaderText == "Email")
        .SingleOrDefault()).Visible = false;
}
```

edited Jul 7 '15 at 1:25

answered Feb 10 '11 at 8:47

[naveen](#)

37.5k 37 140 217

- 4 Thanks, but I wonder how can I get its index, I don't prefer the hard-coded indexes. – [Homam](#) Feb 10 '11 at 8:49

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@naveen e.Row.Cells[columnIndex].Visible = false; hides column data perfectly.... What if i also want to hide corresponding Header Template??
– Gk_999 Jul 10 '14 at 6:54

@Gk_999: It hides the header template too – naveen Jul 10 '14 at 10:38

@naveen your solution with DataControlField works also after databind the only advise is to put the title of column in this way:
<asp:TemplateField HeaderText ="Email"> – Caesar Nov 28 '14 at 17:04

1 @A-Sharabiani: been a while. Will check when I get time – naveen Sep 7 '18 at 17:40



GridView1.Columns[columnIndex].Visible = false;

5



edited Dec 6 '18 at 14:40



Bugs

4,159 9 26 37

answered Nov 16 '12 at 5:24



Gupta Sandeepkumar

184 1 8



```
protected void gvLogMessageDetail_RowDataBound(object sender, GridViewRowEventArgs e)
{
    if (e.Row.RowType == DataControlRowType.Header)
    {
        if (rdlForImportOrExport.SelectedIndex == 1)
        {
            e.Row.Cells[3].Visible = false;
            e.Row.Cells[4].Visible = false;
            e.Row.Cells[5].Visible = false;
        }
    }
}
```

1



```

else
{
    e.Row.Cells[3].Visible = true;
    e.Row.Cells[4].Visible = true;
    e.Row.Cells[5].Visible = true;
}
}
if (e.Row.RowType == DataControlRowType.DataRow) //skip head
{
    try
    {
        if (rdlForImportOrExport.SelectedIndex == 1)
        {
            e.Row.Cells[3].Visible = false;
            e.Row.Cells[4].Visible = false;
            e.Row.Cells[5].Visible = false;
        }
        else
        {
            e.Row.Cells[3].Visible = true;
            e.Row.Cells[4].Visible = true;
            e.Row.Cells[5].Visible = true;
        }
    }
    catch
    {
        ClientScript.RegisterStartupScript(GetType(), "Expand",
        LANGUAGE='javascript'>alert('There is binding problem in child grid.
    }
}
}

```

edited Oct 13 '18 at 9:39



Anas Alweish

596 7 24

answered Jun 14 '12 at 9:26



Digvijay Rajput

19 2

Am I missing something ?

1

If you can't set visibility on TemplateField then set it on its content

```
<asp:TemplateField>
  <ItemTemplate>
    <asp:LinkButton Visible='<%= MyBoolProperty %>' ID="foo" runat="server">
  </ItemTemplate>
</asp:TemplateField>
```

or if your content is complex then enclose it into a div and set visibility on the div

```
<asp:TemplateField>
  <ItemTemplate>
    <div runat="server" visible='<%= MyBoolProperty %>' >
      <asp:LinkButton ID="attachmentButton" runat="server" ... />
    </div>
  </ItemTemplate>
</asp:TemplateField>
```

edited Jul 2 '15 at 10:14

answered Feb 28 '14 at 9:27



frenchone

611 2 8 20

Problem with that is that you cannot place a <div> outside of a template field. – [Fandango68](#) Jun 29 '15 at 4:07

-
- 1 Seemed quite obvious to me that the div was inside the templatefield. Anyway I edited to make it more obvious than obvious – [frenchone](#) Jul 2 '15 at 10:10
-

A *slight* improvement using column name, IMHO:

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```
Private Sub GridView1_Init(sender As Object, e As System.EventArgs)
    GridView1.Init
    For Each dcf As DataControlField In GridView1.Columns
        Select Case dcf.HeaderText.ToUpper
            Case "CBSELECT"
                dcf.Visible = Me.CheckBoxVisible
                dcf.HeaderText = "<small>Select</small>"
        End Select
    Next
End Sub
```

This allows control over multiple column. I initially use a 'technical' column name, matching the control name within. This makes it obvious within the ASCX page that it's a control column. Then swap out the name as desired for presentation. If I spy the odd name in production, I know I skipped something. The "ToUpper" avoids case-issues.

Finally, this runs ONE time on any post instead of capturing the event during row-creation.

answered Nov 4 '14 at 23:45



davidWazy

61 6

This can be another way to do it and validate nulls

1

```
DataControlField dataControlField = UsersGrid.Columns.Cast<DataControlField>().SingleOrDefault(x => x.HeaderText == "Email");
if (dataControlField != null)
    dataControlField.Visible = false;
```

answered Jul 4 '14 at 16:23

Juanito



240 1 4 17

7

If appears to me that rows where Visible is set to false won't be accessible, that they are removed from the DOM rather than hidden, so I also used the Display: None approach. In my case, I wanted to have a hidden column that contained the key of the Row. To me, this declarative approach is a little cleaner than some of the other approaches that use code.

```
<style>
    .HiddenCol{display:none;}
</style>

<!--ROW ID-->
    <asp:TemplateField HeaderText="Row ID">
        <HeaderStyle CssClass="HiddenCol" />
        <ItemTemplate>
            <asp:Label ID="lblROW_ID" runat="server" Text='<%= Bind("ROW_
</asp:Label>
        </ItemTemplate>
        <ItemStyle HorizontalAlign="Right" CssClass="HiddenCol" />
        <EditItemTemplate>
            <asp:TextBox ID="txtROW_ID" runat="server" Text='<%= Bind("RO
</asp:TextBox>
        </EditItemTemplate>
        <FooterStyle CssClass="HiddenCol" />
    </asp:TemplateField>
```

edited Jun 29 '12 at 23:03

answered Jun 29 '12 at 22:44



ChadD

10.1k 42 155 275



9



```

For Each dcfColumn As DataControlField In gvGridView.Columns
    If dcfColumn.HeaderText = "ColumnHeaderText" Then
        dcfColumn.Visible = false
    End If
Next

```

edited Mar 29 '12 at 13:04



abatishchev

70.4k 70 266 397

answered Feb 17 '12 at 13:47



Deepak Mishra

1,422 16 27



try this

4



```

.hiddencol
{
    display:none;
}
.viscol
{
    display:block;
}

```

add following code on RowCreated Event of GridView

```

protected void OnRowCreated(object sender, GridViewRowEventArgs e)
{
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        e.Row.Cells[0].CssClass = "hiddencol";
    }
    else if (e.Row.RowType == DataControlRowType.Header)

```



```
{  
    e.Row.Cells[0].CssClass = "hiddencol";  
}
```

answered Feb 10 '11 at 8:39



[santosh singh](#)

16.3k 21 69 113

-
- 1 this is fine if all you care about is the visibility on the screen, however if you are showing/hiding private information (IE stackoverflow real name) then you cannot just hide it on the client, it can't be sent to the client at all
– [Nathan Koop](#) Jul 30 '12 at 18:32
-