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How to find controls in a repeater header or footer

Ask Question

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117

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I was wondering how one would find the controls in the HeaderTemplate or FooterTemplate of an Asp.Net Repeater control.

I can access them on the ItemDataBound event, but I was wondering how to get them after (for example to retrieve a value of an input in the header/footer).
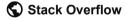
★

33

Note: I posted this question here after finding the answer just so that I remember it (and maybe other people might find this useful).

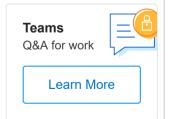asp.net   controls   repeater   findcontrol

asked Mar 31 '09 at 15:00

mbillard
30.3k   17   67   95

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8 Answers

For ItemDataBound

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```
protected void Repeater1_ItemDataBound(object sender, RepeaterItemEv
{
    if (e.Item.ItemType == ListItemType.Header)//header
    {
        Control ctrl = e.Item.FindControl("ctrlID");
```

```
        }
        else if (e.Item.ItemType == ListItemType.Footer)//footer
        {
                Control ctrl = e.Item.FindControl("ctrlID");
        }
    }
```

answered Feb 1 at 11:54

Claudinei Ferreira
46   5

```
private T GetHeaderControl<T>(Repeater rp, string id) where T : Contr
{
    T returnValue = null;
    if (rp != null && !String.IsNullOrWhiteSpace(id))
    {
        returnValue = rp.Controls.Cast<RepeaterItem>().Where(i => i.
ListItemType.Header).Select(h => h.FindControl(id) as T).Where(c => 
null).FirstOrDefault();
    }
    return returnValue;
}
```

Finds and casts the control. (Based on Piyey's VB answer)

edited Jun 29 '18 at 11:43

answered Jun 29 '18 at 11:28

glboothby
83   7

Better solution

50

You can check item type in ItemCreated event:

```
protected void rptSummary_ItemCreated(Object sender, RepeaterItemEve
    if (e.Item.ItemType == ListItemType.Footer) {
        e.Item.FindControl(ctrl);
    }
    if (e.Item.ItemType == ListItemType.Header) {
        e.Item.FindControl(ctrl);
    }
}
```

edited Feb 15 '17 at 16:21

David Rogers
964   1   18   39

answered Feb 21 '11 at 3:13

Behtash Moradi
511   4   2

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2   I specifically asked how to get them when not in one of those events. –
   mbillard   Feb 22 '11 at 14:07

---

4   You specifically said ItemDataBound, this is ItemCreated, upvote. –
   Roberto Alarcon Dec 20 '11 at 19:36

---

3   Agreed, much better solution. Just save a reference to the control. –
   Sprintstar May 18 '12 at 10:21

---

1   This is a much better way to do it. – Tomas Beblar Sep 14 '15 at 21:47

The best and clean way to do this is within the Item_Created Event :

2

```
protected void rptSummary_ItemCreated(Object sender, RepeaterItemEv
    {
        switch (e.Item.ItemType)
```

```
        {
            case ListItemType.AlternatingItem:
                break;
            case ListItemType.EditItem:
                break;
            case ListItemType.Footer:
                e.Item.FindControl(ctrl);
                break;
            case ListItemType.Header:
                break;
            case ListItemType.Item:
                break;
            case ListItemType.Pager:
                break;
            case ListItemType.SelectedItem:
                break;
            case ListItemType.Separator:
                break;
            default:
                break;
        }
    }
}
```

answered Apr 15 '14 at 9:25

Sebastien H.
3,617   2   17   24

169

As noted in the comments, this only works AFTER you've DataBound your repeater.

To find a control in the **header**:

```
lblControl = repeater1.Controls[0].Controls[0].FindControl("lblContr
```

To find a control in the **footer**:

```
lblControl = repeater1.Controls[repeater1.Controls.Count -
1].Controls[0].FindControl("lblControl");
```

With extension methods

```
public static class RepeaterExtensionMethods
{
    public static Control FindControlInHeader(this Repeater repeater
controlName)
    {
        return repeater.Controls[0].Controls[0].FindControl(controlN
    }

    public static Control FindControlInFooter(this Repeater repeater
controlName)
    {
        return repeater.Controls[repeater.Controls.Count -
1].Controls[0].FindControl(controlName);
    }
}
```

edited Feb 6 '14 at 23:18

CDspace
2,409 8 28 35

answered Mar 31 '09 at 15:01

mbillard
30.3k 17 67 95

Just a small picky note - You need to capitalize the "c" in Controls[0] in
your footer example. – Mike Cole Jan 28 '10 at 21:45

8   This answer hurts my eyes. – ThePower Nov 3 '11 at 16:14

10   This works great. Just one note - this only works AFTER you have
databound your repeater. – Aaron Aug 30 '12 at 15:56

Didn't work for me, even after DataBind – Edo Nov 20 '12 at 9:50

2   This is such an ugly way to do this... But it works for me. Thank you so
much man! I would give you more than a +1 if possible. – Cruril Oct 1 '13
at 16:31

This is in VB.NET, just translate to C# if you need it:

2

```vb
<Extension()>
Public Function FindControlInRepeaterHeader(Of T As Control)(obj As 
ControlName As String) As T
    Dim ctrl As T = TryCast((From item As RepeaterItem In obj.Contro
                    Where item.ItemType =
ListItemType.Header).SingleOrDefault.FindControl(ControlName),T)
    Return ctrl
End Function
```

And use it easy:

```vb
Dim txt as string = rptrComentarios.FindControlInRepeaterHeader(Of L
("lblVerTodosComentarios").Text
```

Try to make it work with footer, and items controls too =)

edited Feb 22 '12 at 23:23

answered Feb 22 '12 at 23:16

Piyey
438   4   14

Find control into Repeater (Header, Item, Footer)

4

```csharp
public static class FindControlInRepeater
{
    public static Control FindControl(this Repeater repeater, string
    {
```

```
        for (int i = 0; i < repeater.Controls.Count; i++)
            if (repeater.Controls[i].Controls[0].FindControl(controll
                return repeater.Controls[i].Controls[0].FindControl(
        return null;
    }
}
```

answered Apr 12 '11 at 14:43

Chaki_Black

553   3   9   23

You can take a reference on the control on the ItemCreated event, and then use it later.

5

answered Aug 10 '10 at 12:56

pascal

61   1   1

I specifically asked how to get them when not in one of those events. – mbillard Feb 22 '11 at 14:08

11   You simply asked how you would access it later, the answer pascal gave of setting a reference at that point to use afterwards is perfectly valid. – Kasaku Sep 21 '11 at 16:40 ✎