

Re: How to fire an event

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- *From:* "Dave Sexton" <[dave@jwa\[remove.this\]online.com](mailto:dave@jwa[remove.this]online.com)>
 - *Date:* Thu, 9 Nov 2006 23:25:28 -0500
-

Hi Daniela,

It seems that changing values by code, which is done on client side does not trigger an event. I would need to force a postback. How can it be done?

You should have mentioned that the "code" you spoke of was actually script, running on the client. I never would have thought that manipulating the grid in script would cause a server event to be raised.

You can force a post back by dynamically adding the ASP.NET javascript postback method call to your own client script. This can be done by calling the `GetPostBackEventReference` method (Page class in 1.* and Page.ClientScript in 2.0) on the server to insert the callback into your own script:

```
<script type="text/javascript">
function doingThings()
{
// do some things in javascript

// post back to raise the button's click event
<%= ClientScript.GetPostBackEventReference(gridControl, string.Empty) %>
}
</script>
```

The problem here is that I have no idea whether the grid will raise the `UpdateRowBatch` event on a post back. What action in particular raises the `UpdateRowBatch` event? What argument needs to be supplied, if any? You might want to read the grid's documentation and figure out what that event is intended for before trying to raise it yourself.

The alternative to posting back for the grid control is to post back for your button control (change "gridControl" to "myButton" in the javascript above, for example) and perform the actions in code, on the server, as I suggested in my previous response.

If you don't want to use a button then you can postback to the Page (change

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"gridControl" to "this" or "Page" in the javascript above) and implement IPostBackEventHandler.

Of course I can use the code under the event for the button click event, but the other one would loop thru all the rows automatically.

If you can do so then it will be much easier (and safer) to iterate all of the rows yourself when the button is pressed than it would be to try to rig the event to be raised unnaturally.

Please realize that if what you are trying to accomplish has absolutely nothing to do with the grid's UpdateRowBatch event then you shouldn't be using the event at all.

--
Dave Sexton

"Daniela Roman" <danielaroman@xxxxxxxxxx> wrote in message news:e73uiaHBHHA.4428@xxxxxxxxxxxxxxxxxxxxxxxxxx

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"Dave Sexton" <dave@jwa[remove.this]online.com> wrote in message [news:uFOxT\\$5AHHA.4060@xxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uFOxT$5AHHA.4060@xxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Daniela,

... and in the mean time, you can possibly solve your problem by placing the code from the event handler that isn't being called (which you could call directly anyway) into another method as such:

```
void gd_UpdateRowBatch(object sender, EventArgs e)
{
    CommonMethod();
}

void btn_Click(object sender, EventArgs e)
{
    CommonMethod();
}

void CommonMethod()
{
    // TODO: something in common
```

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}

If the grid does things that require the event to actually be raised, you might be able to emulate the effect yourself in the CommonMethod.

GL

--

Dave Sexton

"Daniela Roman" <danielaroman@xxxxxxxxxxx> wrote in message news:emku445AHHA.4568@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thanks. In fact I use a 3-rd party WEB grid control and for some reason it does not fire the UpdateRowBatch event when I change the values of the grid thru code. I need to raise that event thru other means. The sample I provided is not the best example.

Is there another way of firing an event externally?

"Dave Sexton" <dave@jwa[remove.this]online.com> wrote in message [news:eHN\\$8z5AHHA.4992@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eHN$8z5AHHA.4992@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Daniela,

I want to fire the grid's event
but I don't know how to call
the event
and provide the parameter
list for it:

There are many events on the DataGrid control. You just have to perform an action that will cause the grid to raise the desired event. It's not common to raise Control events externally; Controls raise their own events internally.

Are you trying to get the PageIndexChanged event to be raised from your button click event handler?

If so, change the CurrentPageIndex property and the event should be

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raised by the DataGrid.

--

Dave Sexton

"Daniela Roman"

<danielaroman@xxxxxxxx> wrote in
message

news:OOLr774AHHA.4592@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello,

I try to fire an event under a
button click event and
maybe anybody can
give a clue please.

I have let's say a WEB grid
with PageIndexChanged
event:

```
private void  
DataGrid1_PageIndexChanged(object  
source,  
System.Web.UI.WebControls.DataGridPageChangedEventArgs  
e)  
  
{  
  
    // Set CurrentPageIndex to  
    the page the user clicked.  
  
    DataGrid1.CurrentPageIndex  
    = e.NewPageIndex;  
  
    // Rebind the data.  
  
    DataGrid1.DataBind();  
  
}
```

Under a button click event:

```
private void  
btnUpdtCmd_Click(object  
sender, System.EventArgs  
e)
```

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```
{  
  
}
```

I want to fire the grid's event
but I don't know how to call
the event
and provide the parameter
list for it:

(object source,
System.Web.UI.WebControls.DataGridPageChangedEventArgs
e)

Thank you,

Daniela