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Access control on a page from a static method.

12 replies

Last post Aug 25, 2010 05:18 AM by [meeran.shaik](#)

Access control on a page from a static method.

Jun 30, 2010 03:22 PM | rkshatri

Hi,

I have a static method and need to get the Textbox text in it. But I get "An object reference is required for the non-static field, method, or property 'Members_ETC_Tab5.TextBox1' " when I use TextBox1.text in the static method so I modified my Method as below

```
[System.Web.Services.WebMethod]
public static bool ConfirmMatchedDataCount()
{
    Page page = HttpContext.Current.Handler as Page;
    TextBox txtBegin = (TextBox)page.FindControl("TextBox1");
}
```

but I see that **txtBegin** is null. How can this be fixed?

Thanks.

Re: Access control on a page from a static method.

Jun 30, 2010 04:02 PM | tjaank

try to pass your textbox control as a parameter to this method i.e;

```
//Call it like this
ConfirmMatchedDataCount(TextBox1);

[System.Web.Services.WebMethod]
public static bool ConfirmMatchedDataCount(TextBox txtBegin)
{
    txtBegin.Text = "Some Text";
    //or do whatever you want to do with this
}
```

Re: Access control on a page from a static method.

Jun 30, 2010 04:12 PM | rkshatri

There is not only this textbox but other controls too that needs to be accessed from the static method.

Re: Access control on a page from a static method.

Jun 30, 2010 08:14 PM | tjaank

thats alrite, so if you have to access multiple controls, use code below:

```
[System.Web.Services.WebMethod]
public static bool ConfirmMatchedDataCount()
{
    Page page = HttpContext.Current.Handler as Page;
    UseControlsOnPage(page);
}
```

```
public static void UseControlsOnPage(Control parent)
{
    string selectedRdoValue = string.Empty;
    string selectedDdlValue = string.Empty;
    string selectedChkValue = string.Empty;
    foreach (Control ctrl in parent.Controls)
    {
        if (ctrl is TextBox)

            ((TextBox)ctrl).Text = "Some Text";

        else if (ctrl is RadioButtonList)

            selectedRdoValue = ((RadioButtonList)ctrl).SelectedValue;

        else if (ctrl is DropDownList)

            selectedDdlValue = ((DropDownList)ctrl).SelectedValue;

        else if (ctrl is HyperLink)

            ((HyperLink)ctrl).Enabled = false;

        else if (ctrl is CheckBoxList)

            selectedChkValue = ((CheckBoxList)ctrl).SelectedValue = status;

        else if (ctrl is FileUpload)

            UploadFile(((FileUpload)ctrl)); //where UploadFile() may be function to upload some file
    }
}
```

```
//and so on; do similarly for other Controls  
UseControlsOnPage(ctrl);  
}  
}
```

Re: Access control on a page from a static method.

Jul 01, 2010 10:20 AM | rkshatri

Hi,

Thanks for your help. I tried exactly as you mentioned in your code, but my controls.count is zero. Am I missing something. I modified your code as below. ctrl is always null.

I get parent.Controls.count =0.

```
[System.Web.Services.WebMethod]  
public static bool ConfirmMatchedDataCount()  
{  
    try  
    {  
        RAASBLL Refresh = new RAASBLL();  
  
        Page page = HttpContext.Current.Handler as Page;  
        string BeginDate=UseControlsOnPage(page, "txtBeginDate");  
        string EndDate=UseControlsOnPage(page, "txtEndDate");  
        int Plaza=Convert.ToInt32(UseControlsOnPage(page, "ddlPlazaTab5"));  
  
        long MatchedCount = Refresh.GetETCMatchedCount(Convert.ToDateTime(BeginDate), Convert.ToDateTime(EndDate), Plaza);  
        if (MatchedCount > 25000)
```

```
{

    if (!page.ClientScript.IsClientScriptBlockRegistered("Confirm"))
    {
        page.ClientScript.RegisterClientScriptBlock(page.GetType(), "Confirm", "ConfirmViewImportData();", true);
    }
    else
    {
        RefreshImportedData();
    }
    return true;
}
catch (Exception ex)
{
    return false;
}
}

public static string UseControlsOnPage(Control parent, string FindControlName)
{
    foreach (Control ctrl in parent.Controls)
    {
        if (ctrl is TextBox)
        {
            if (ctrl.ID == "txtBeginDate" || ctrl.ID == "txtEndDate")
            {
                return ((TextBox)ctrl).Text;
            }
        }
        else if (ctrl is DropDownList)
        {
            if (ctrl.ID == "ddlPlazaTab5")
            {
                return ((DropDownList)ctrl).SelectedValue;
            }
        }
    }
    return "";
}
```

Thanks.

Re: Access control on a page from a static method.

Jul 01, 2010 10:54 AM | tjaank

is it possible that you pass your **Page** as a parameter to this web method??

What i mean to say is to do something like this:

```
[System.Web.Services.WebMethod]
public static bool ConfirmMatchedDataCount(Page page)
{
    //Do rest of your stuff using page here
}
```

this will surely solve all the problems!

Re: Access control on a page from a static method.

Jul 01, 2010 11:20 AM | rkshatri

I am calling ConfirmMatchedDataCount from client side (javascript) so what do i need to pass from there

ConfirmMatchedDataCount(this)

or will be something else

Thanks.

Re: Access control on a page from a static method.

Jul 01, 2010 11:31 AM | bruce (sqlwork.com)

there are no controls on a webmethod call as the page lifecycle is not run. also as there is no postback data, so they would only have the values at render, not what is currently in browser. also RegisterClientScriptBlock is meaningless in a webmethod.

your webmethod should have a parameter for control value you need, and the client script should pass these values.

Re: Access control on a page from a static method.

Jul 01, 2010 11:51 AM | hoodedperson70

Can you post the code of where you call this method?

Re: Access control on a page from a static method.

Jul 01, 2010 11:57 AM | rkshatri

Sure.

Here is the code

```
<script type="text/javascript">
    var _popup;

    function validate() {
        // find the popup behavior
        this._popup = $find('<%= mdlPopup.ClientID %>');
        // show the popup
        this._popup.show();
        // kick-off the webservice, registering our callback
        PageMethods.ConfirmMatchedDataCount(this.callback);
    }
}
```

```
function callback(result) {  
    // hide the popup  
    this._popup.hide();  
}  
</script>
```

the .cs code is in the above post .

Thanks.

Re: Access control on a page from a static method.

Jul 01, 2010 12:02 PM | rkshatri

More details : I am trying to implement something showed in the below url

http://mattberseth.com/blog/2007/07/modalpopup_as_an_ajax_progress.html (http://mattberseth.com/blog/2007/07/modalpopup_as_an_ajax_progress.html)

It works perfect but the only problem i have here is that I have lots of database queries going on and the result is bound to different grids, I dont want to pass so many controls from my javascript to the server code. So need to best solution for it.

Thanks everyone.

Re: Access control on a page from a static method.

Jul 06, 2010 03:23 PM | rkshatri

Hi,

Thanks for all your replies. I used an alternate way to achieve my requirement, since using static method created a lot of other issues.

Re: Access control on a page from a static method.

Aug 25, 2010 05:18 AM | meeran.shaik

Have U tested the code before posting.. it is not at all working

```
01. |System.Web.Services.WebMethod|
02. public static bool ConfirmMatchedDataCount()
03. {
04.     Page page = HttpContext.Current.Handler as Page;
05.     UseControlsOnPage(page);
06. }
```

i can find the page but not controls in it

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