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Access ViewState from Static method in aspx page

Ask Question



suppose i have one static method and i need to access viewstate from that method...how could i do so...i know it is not possible but there must be some way out.



```
[WebMethod]
public static string GetData(int CustomerID)
{
    string outputToReturn = "";
    ViewState["MyVal"]="Hello";
    return outputToReturn;
}
```

asp.net

edited Sep 5 '11 at 14:29

R0MANARMY

13 9k 2 48 76

asked Sep 5 '11 at 14:00



- 2 If you know it's not possible, why do you think there must be a way to do so? ROMANARMY Sep 5 '11 at 14:30
- 1 The ViewState of what? ViewState is part of a Control/Page but you appear to be calling a (static?) WebService, so there is no ViewState. TheCodeKing Sep 5 '11 at 14:39 /

3 Answers



You can get the reference to the page via <u>HttpContext.CurrentHandler</u>. But since Control.ViewState is protected **you can't access it** (without using reflection) as opposed to the Session which is accessible via HttpContext.Current.Session.



So either don't use a static method, use the Session or use this reflection approach:



However, this won't work if called via WebService, because then it's outside of <u>Page-Lifecycle</u>.

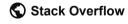
edited Aug 26 '16 at 8:10

answered Sep 5 '11 at 14:36



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thanks...i have one static method in aspx page. - Thomas Sep 5 '11 at 17:16

ViewState is a protected field so this doesn't work - Tudor Carean Aug 21 '13 at 11:53



I tried this and worked for me:

2

- Create a class conteining the properties of the viewState you want to access to
- In the constructor pass the real ViewState
- Create a static instance of the class but not initialize it
- In the PageLoad initialize Not static class and the static one
- Access the ViewState using static class properties

public class Repository public int a get if (_viewState["a"] == null) return null; return (int)_viewState["a"]; set _viewState["ActiveGv"] = value; public StateBag _viewState;

```
public Repository(StateBag viewState)
       _viewState = viewState;
static Repository staticRepo;
protected void Page_Load(object sender, EventArgs e)
    Repository repo = new Repository(ViewState);
   staticRepo = repo;
public static void testMethod()
   int b = staticRepo.a;
```

answered May 31 '17 at 13:49



You might be able use [WebMethod(EnableSession=true)] for your PageMethod, and use Session instead of ViewState. Remember, with a static PageMethod no instance of the Page class is ever created, so nice things like viewState simply are not there and there is no way to make them be there.

edited Jul 8 '13 at 9:34



Bishan

7,219 42 131 208

answered Sep 5 '11 at 17:40



Peter Bromberg