This page is specific to

Microsoft Visual Studio 2010/.NET Framework 4

.NET Framework Class Library

**Page.RegisterClientScriptBlock Method**

**Note: This API is now obsolete.**

Emits client-side script blocks to the response.

**Namespace:** [System.Web.UI](http://msdn.microsoft.com/en-us/library/system.web.ui.aspx)  
**Assembly:** System.Web (in System.Web.dll)

Description: http://i.msdn.microsoft.com/Global/Images/clear.gifSyntax

Visual Basic

<ObsoleteAttribute("The recommended alternative is ClientScript.RegisterClientScriptBlock(Type type, string key, string script). http://go.microsoft.com/fwlink/?linkid=14202")> \_

Public Overridable Sub RegisterClientScriptBlock ( \_

key As String, \_

script As String \_

)

C#

[ObsoleteAttribute("The recommended alternative is ClientScript.RegisterClientScriptBlock(Type type, string key, string script). http://go.microsoft.com/fwlink/?linkid=14202")]

public virtual void RegisterClientScriptBlock(

string key,

string script

)

Visual C++

[ObsoleteAttribute(L"The recommended alternative is ClientScript.RegisterClientScriptBlock(Type type, string key, string script). http://go.microsoft.com/fwlink/?linkid=14202")]

public:

virtual void RegisterClientScriptBlock(

String^ key,

String^ script

)

F#

[<ObsoleteAttribute("The recommended alternative is ClientScript.RegisterClientScriptBlock(Type type, string key, string script). http://go.microsoft.com/fwlink/?linkid=14202")>]

abstract RegisterClientScriptBlock :

key:string \*

script:string -> unit

[<ObsoleteAttribute("The recommended alternative is ClientScript.RegisterClientScriptBlock(Type type, string key, string script). http://go.microsoft.com/fwlink/?linkid=14202")>]

override RegisterClientScriptBlock :

key:string \*

script:string -> unit

**Parameters**

*key*

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string.aspx)  
Unique key that identifies a script block.

*script*

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string.aspx)  
Content of script that is sent to the client.

Description: http://i.msdn.microsoft.com/Global/Images/clear.gifRemarks

The client-side script is emitted just after the opening tag of the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page.aspx) object's **<form runat= server>** element. Be sure to include opening and closing **<script>** elements around the script block string specified in the *script* parameter.

Because this method uses a key to identify the script block, the script block does not have to be emitted to the output stream each time it is requested by a different server control instance. Using a key also decreases the likelihood of different controls' script blocks interfering with each other.

Any script blocks with the same *key* parameter values are considered duplicates.

|  |
| --- |
| **Description: NoteNote** |
| Remember to include HTML comment tags around your script so that it will not be rendered if the requesting browser does not support scripts. |

The **RegisterClientScriptBlock** method has been deprecated. Use the [RegisterClientScriptBlock](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.registerclientscriptblock.aspx) method in the [ClientScriptManager](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.aspx) class instead.

Description: http://i.msdn.microsoft.com/Global/Images/clear.gifExamples

The following code example demonstrates the use of the **RegisterClientScriptBlock** method in conjunction with the [IsClientScriptBlockRegistered](http://msdn.microsoft.com/en-us/library/system.web.ui.page.isclientscriptblockregistered.aspx) method. If the ECMAScript in the code declaration block has not already been registered, as determined by [IsClientScriptBlockRegistered](http://msdn.microsoft.com/en-us/library/system.web.ui.page.isclientscriptblockregistered.aspx), the **RegisterClientScriptBlock** call is made.

Visual Basic

[Copy Code](javascript:CopyCode('ctl00_MTCS_main_ctl33_ctl00_ctl02_code');" \o "Copy Code)

<%@ Page Language="VB" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<script runat="server">

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As EventArgs)

Dim csname1 As String = "PopupScript"

Dim csname2 As String = "ButtonClickScript"

If Not IsClientScriptBlockRegistered(csname1) Then

Dim cstext1 As String = "<script type=""text/javascript"">" & \_

"alert('Hello World');</" & "script>"

RegisterStartupScript(csname1, cstext1)

End If

If Not IsClientScriptBlockRegistered(csname2) Then

Dim cstext2 As New StringBuilder()

cstext2.Append("<script type=""text/javascript""> function DoClick() {")

cstext2.Append("Form1.Message.value='Text from client script.'} </")

cstext2.Append("script>")

RegisterClientScriptBlock(csname2, cstext2.ToString())

End If

End Sub

</script>

<html >

<head>

<title>RegisterClientScriptBlock Example</title>

</head>

<body>

<form id="Form1"

runat="server">

<input type="text" id="Message" /> <input type="button" value="ClickMe" onclick="DoClick()" />

</form>

</body>

</html>

C#

[Copy Code](javascript:CopyCode('ctl00_MTCS_main_ctl33_ctl00_ctl03_code');" \o "Copy Code)

<%@ Page Language="C#"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<script runat="server">

public void Page\_Load(Object sender, EventArgs e)

{

String csname1 = "PopupScript";

String csname2 = "ButtonClickScript";

if (!IsClientScriptBlockRegistered(csname1))

{

String cstext1 = "<script type=\"text/javascript\">" +

"alert('Hello World');</" + "script>";

RegisterStartupScript(csname1, cstext1);

}

if (!IsClientScriptBlockRegistered(csname2))

{

StringBuilder cstext2 = new StringBuilder();

cstext2.Append("<script type=\"text/javascript\"> function DoClick() {");

cstext2.Append("Form1.Message.value='Text from client script.'} </");

cstext2.Append("script>");

RegisterClientScriptBlock(csname2, cstext2.ToString());

}

}

</script>

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<body>

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