This page is specific to

Microsoft Visual Studio 2010/.NET Framework 4

.NET Framework Class Library

**ClientScriptManager.RegisterClientScriptBlock Method (Type, String, String, Boolean)**

Registers the client script with the [Page](http://msdn.microsoft.com/en-us/library/system.web.ui.page.aspx) object using a type, key, script literal, and Boolean value indicating whether to add script tags.

**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

Public Sub RegisterClientScriptBlock ( \_

type As Type, \_

key As String, \_

script As String, \_

addScriptTags As Boolean \_

)

C#

public void RegisterClientScriptBlock(

Type type,

string key,

string script,

bool addScriptTags

)

Visual C++

public:

void RegisterClientScriptBlock(

Type^ type,

String^ key,

String^ script,

bool addScriptTags

)

F#

member RegisterClientScriptBlock :

type:Type \*

key:string \*

script:string \*

addScriptTags:bool -> unit

**Parameters**

*type*

Type: [System.Type](http://msdn.microsoft.com/en-us/library/system.type.aspx)  
The type of the client script to register.

*key*

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string.aspx)  
The key of the client script to register.

*script*

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string.aspx)  
The client script literal to register.

*addScriptTags*

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/system.boolean.aspx)  
A Boolean value indicating whether to add script tags.

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

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ArgumentNullException](http://msdn.microsoft.com/en-us/library/system.argumentnullexception.aspx) | The client script block type is **nullNothingnullptr**a null reference (**Nothing** in Visual Basic). |

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

A client script is uniquely identified by its key and its type. Scripts with the same key and type are considered duplicates. Only one script with a given type and key pair can be registered with the page. Attempting to register a script that is already registered does not create a duplicate of the script.

Call the [IsClientScriptBlockRegistered](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.isclientscriptblockregistered.aspx) method to determine whether a client script with a given key and type pair is already registered. This lets you avoid unnecessarily attempting to add the script.

In this overload of the [RegisterClientScriptBlock](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.registerclientscriptblock.aspx) method, you can indicate whether the script provided in the *script* parameter is wrapped with a **<script>** element block by using the *addScriptTags* parameter. Setting *addScriptTags* to **true** indicates that script tags will be added automatically.

The [RegisterClientScriptBlock](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.registerclientscriptblock.aspx) method adds a script block to the top of the rendered page. The script blocks are not guaranteed to be output in the order they are registered. If the order of the script blocks is important, use a [StringBuilder](http://msdn.microsoft.com/en-us/library/system.text.stringbuilder.aspx) object to gather the scripts together in a single string, and then register them all in a single client script block.

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

The following code example demonstrates the use of the [RegisterClientScriptBlock](http://msdn.microsoft.com/en-us/library/system.web.ui.clientscriptmanager.registerclientscriptblock.aspx) method. Note that the *addScriptTags* parameter is set to **true** so the beginning and closing script tags are not included with the *script* parameter.

Visual Basic

[Copy Code](javascript:CopyCode('ctl00_MTCS_main_ctl45_ctl00_ctl01_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 System.EventArgs)

' Define the name and type of the client scripts on the page.

Dim csname1 As String = "PopupScript"

Dim csname2 As String = "ButtonClickScript"

Dim cstype As Type = Me.GetType()

' Get a ClientScriptManager reference from the Page class.

Dim cs As ClientScriptManager = Page.ClientScript

' Check to see if the startup script is already registered.

If (Not cs.IsStartupScriptRegistered(cstype, csname1)) Then

Dim cstext1 As String = "alert('Hello World');"

cs.RegisterStartupScript(cstype, csname1, cstext1, True)

End If

' Check to see if the client script is already registered.

If (Not cs.IsClientScriptBlockRegistered(cstype, 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>")

cs.RegisterClientScriptBlock(cstype, csname2, cstext2.ToString(), False)

End If

End Sub

</script>

<html >

<head>

<title>ClientScriptManager 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_ctl45_ctl00_ctl02_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)

{

// Define the name and type of the client scripts on the page.

String csname1 = "PopupScript";

String csname2 = "ButtonClickScript";

Type cstype = this.GetType();

// Get a ClientScriptManager reference from the Page class.

ClientScriptManager cs = Page.ClientScript;

// Check to see if the startup script is already registered.

if (!cs.IsStartupScriptRegistered(cstype, csname1))

{

String cstext1 = "alert('Hello World');";

cs.RegisterStartupScript(cstype, csname1, cstext1, true);

}

// Check to see if the client script is already registered.

if (!cs.IsClientScriptBlockRegistered(cstype, 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>");

cs.RegisterClientScriptBlock(cstype, csname2, cstext2.ToString(), false);

}

}

</script>

<html >

<head>

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<form id="Form1"

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