This page is specific to

Microsoft Visual Studio 2010/.NET Framework 4

.NET Framework Class Library

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

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

**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 \_

)

C#

public void RegisterClientScriptBlock(

Type type,

string key,

string script

)

Visual C++

public:

void RegisterClientScriptBlock(

Type^ type,

String^ key,

String^ script

)

F#

member RegisterClientScriptBlock :

type:Type \*

key:string \*

script:string -> 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.

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 and 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 must make sure that the script provided in the *script* parameter is wrapped in a **<script>** element block.

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.

Visual Basic

[Copy Code](javascript:CopyCode('ctl00_MTCS_main_ctl38_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">

Public Sub Page\_Load(ByVal sender As [Object], ByVal e As EventArgs)

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

Dim csName 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 client script is already registered.

If Not cs.IsClientScriptBlockRegistered(csType, csName) Then

Dim csText As New StringBuilder()

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

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

csText.Append("script>")

cs.RegisterClientScriptBlock(csType, csName, csText.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_ctl38_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 script on the page.

String csName = "ButtonClickScript";

Type csType = this.GetType();

// Get a ClientScriptManager reference from the Page class.

ClientScriptManager cs = Page.ClientScript;

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

if (!cs.IsClientScriptBlockRegistered(csType, csName))

{

StringBuilder csText = new StringBuilder();

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

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

csText.Append("script>");

cs.RegisterClientScriptBlock(csType, csName, csText.ToString());

}

}

</script>

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