**HttpResponse.Redirect Method**

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(d=printer,v=vs.80).aspx)
* [.NET Framework 1.1](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(d=printer,v=vs.71).aspx)

Redirects a client to a new URL.

This member is overloaded.

[Overload List](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public method | [Redirect(String)](http://msdn.microsoft.com/en-us/library/t9dwyts4(v=vs.110).aspx) | Redirects a request to a new URL and specifies the new URL. |
| Public method | [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) | Redirects a client to a new URL. Specifies the new URL and whether execution of the current page should terminate. |

# HttpResponse.Redirect Method (String)

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.80).aspx)

Redirects a request to a new URL and specifies the new URL.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void Redirect(

string url

)

#### Parameters

url

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The target location.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | A redirection is attempted after the HTTP headers have been sent. |

[Remarks](javascript:void(0))

Calling [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) is equivalent to calling [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) with the second parameter set to true.

[Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) calls [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx) which throws a [ThreadAbortException](http://msdn.microsoft.com/en-us/library/system.threading.threadabortexception(v=vs.110).aspx) exception upon completion. This exception has a detrimental effect on Web application performance. Therefore, we recommend that instead of this overload you use the [HttpResponse.Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) overload and pass false for the endResponse parameter, and then call the [CompleteRequest](http://msdn.microsoft.com/en-us/library/system.web.httpapplication.completerequest(v=vs.110).aspx) method. For more information, see the [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx) method.

|  |
| --- |
| **NoteNote** |
| For mobile pages only, if your application relies on cookieless sessions, or might receive requests from mobile devices that require cookieless sessions, using a tilde (~) in a path can result in creating a new session and potentially losing session data. To set a property on a mobile control with a path such as "~/path", resolve the path using [ResolveUrl](http://msdn.microsoft.com/en-us/library/system.web.ui.mobilecontrols.mobilecontrol.resolveurl(v=vs.110).aspx) "~/path" before assigning it to the property. |

ASP.NET performs the redirection by returning a 302 HTTP status code. An alternative way to transfer control to another page is the Transfer method. The Transfer method is typically more efficient because it does not cause a round trip to the client. For more information, see [How to: Redirect Users to Another Page](http://msdn.microsoft.com/en-us/library/540y83hx(v=vs.110).aspx).

[Examples](javascript:void(0))

The following example forces an unconditional redirection to another Web site.

C#

[VB](http://msdn.microsoft.com/en-us/library/t9dwyts4(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.Redirect("http://www.microsoft.com/gohere/look.htm");

# HttpResponse.Redirect Method (String, Boolean)

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.80).aspx)

Redirects a client to a new URL. Specifies the new URL and whether execution of the current page should terminate.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void Redirect(

string url,

bool endResponse

)

#### Parameters

url

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The location of the target.

endResponse

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/system.boolean(v=vs.110).aspx)

Indicates whether execution of the current page should terminate.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ArgumentNullException](http://msdn.microsoft.com/en-us/library/system.argumentnullexception(v=vs.110).aspx) | url is null. |
| [ArgumentException](http://msdn.microsoft.com/en-us/library/system.argumentexception(v=vs.110).aspx) | url contains a newline character. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | A redirection is attempted after the HTTP headers have been sent. |
| [ApplicationException](http://msdn.microsoft.com/en-us/library/system.applicationexception(v=vs.110).aspx) | The page request is the result of a callback. |

[Remarks](javascript:void(0))

An absolute URL (for example, http://www.contoso.com/default.aspx) or a relative URL (for example, Default.aspx) can be specified for the target location but some browsers may reject a relative URL.

When you use this method in a page handler to terminate a request for one page and start a new request for another page, set endResponse to false and then call the [CompleteRequest](http://msdn.microsoft.com/en-us/library/system.web.httpapplication.completerequest(v=vs.110).aspx) method. If you specify true for the endResponse parameter, this method calls the [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx) method for the original request, which throws a [ThreadAbortException](http://msdn.microsoft.com/en-us/library/system.threading.threadabortexception(v=vs.110).aspx) exception when it completes. This exception has a detrimental effect on Web application performance, which is why passing false for the endResponse parameter is recommended. For more information, see the [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx) method.

|  |
| --- |
| **NoteNote** |
| For mobile pages, if your application relies on cookieless sessions, or might receive requests from mobile devices that require cookieless sessions, using a tilde (~) in a path can create a new session and potentially lose session data. To set a property on a mobile control with a path such as "~/path", resolve the path using [ResolveUrl](http://msdn.microsoft.com/en-us/library/system.web.ui.mobilecontrols.mobilecontrol.resolveurl(v=vs.110).aspx) "~/path" before assigning it to the property. |

ASP.NET performs the redirection by returning a 302 HTTP status code. An alternative way to transfer control to another page is the Transfer method. The Transfer method is typically more efficient because it does not cause a round trip to the client. For more information, see [How to: Redirect Users to Another Page](http://msdn.microsoft.com/en-us/library/540y83hx(v=vs.110).aspx).

[Examples](javascript:void(0))

The following example uses the [IsClientConnected](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.isclientconnected(v=vs.110).aspx) property to check whether the client that is requesting the page remains connected to the server. If [IsClientConnected](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.isclientconnected(v=vs.110).aspx) is true, the code calls the [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method, and the client will view another page. If [IsClientConnected](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.isclientconnected(v=vs.110).aspx) is false, then the code calls the [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx) method and all page processing is terminated.

C#

[VB](http://msdn.microsoft.com/en-us/library/a8wa7sdt(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

<%@ 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">

private void Page\_Load(object sender, EventArgs e)

{

// Check whether the browser remains

// connected to the server.

if (Response.IsClientConnected)

{

// If still connected, redirect

// to another page.

Response.Redirect("Page2CS.aspx", false);

}

else

{

// If the browser is not connected

// stop all response processing.

Response.End();

}

}

</script>

<html xmlns="http://www.w3.org/1999/xhtml" >

<head>

<title>ASP.NET Example</title>

</head>

<body>

<form id="form1" runat="server">

</form>

</body>

</html>

# HttpResponse.RedirectPermanent Method

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirectpermanent(d=printer,v=vs.100).aspx)

Performs a permanent redirection from a requested URL to a specified URL.

This member is overloaded.

[Overload List](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public method | [RedirectPermanent(String)](http://msdn.microsoft.com/en-us/library/dd384856(v=vs.110).aspx) | Performs a permanent redirection from the requested URL to the specified URL. |
| Public method | [RedirectPermanent(String, Boolean)](http://msdn.microsoft.com/en-us/library/dd322042(v=vs.110).aspx) | Performs a permanent redirection from the requested URL to the specified URL, and provides the option to complete the response. |

# HttpResponse.RedirectPermanent Method (String)

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd384856(d=printer,v=vs.100).aspx)

Performs a permanent redirection from the requested URL to the specified URL.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd384856(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd384856(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd384856(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectPermanent(

string url

)

#### Parameters

url

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The location to redirect the request to.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ArgumentNullException](http://msdn.microsoft.com/en-us/library/system.argumentnullexception(v=vs.110).aspx) | url is null. |
| [ArgumentException](http://msdn.microsoft.com/en-us/library/system.argumentexception(v=vs.110).aspx) | url includes a newline character (\n). |

[Remarks](javascript:void(0))

The RedirectPermanent(String) method overload provides a 301 HTTP status code in the response and includes the URL to redirect the request to. A 301 HTTP status code is a standard code in an HTTP response. It indicates that a permanent redirection exists, and it provides the redirection location.

Calling the RedirectPermanent(String) method overload terminates the response.

# HttpResponse.RedirectPermanent Method (String, Boolean)

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd322042(d=printer,v=vs.100).aspx)

Performs a permanent redirection from the requested URL to the specified URL, and provides the option to complete the response.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd322042(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd322042(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd322042(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectPermanent(

string url,

bool endResponse

)

#### Parameters

url

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The location to redirect the request to.

endResponse

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/system.boolean(v=vs.110).aspx)

true to terminate the response; otherwise false. The default is false.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ArgumentNullException](http://msdn.microsoft.com/en-us/library/system.argumentnullexception(v=vs.110).aspx) | url is null. |
| [ArgumentException](http://msdn.microsoft.com/en-us/library/system.argumentexception(v=vs.110).aspx) | url includes a newline character (\n). |

[Remarks](javascript:void(0))

The RedirectPermanent(String, Boolean) method overload provides a 301 HTTP status code in the response and includes the URL to redirect the request to. This method overload also provides the option to specify whether to terminate or to complete the response after the redirection has been performed. A 301 HTTP status code is a standard code in an HTTP response. It indicates that a permanent redirection exists, and it provides the redirection location.

# HttpResponse.RedirectToRoute Method

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirecttoroute(d=printer,v=vs.100).aspx)

Redirects a request to a new URL by using route parameter values, a route name, or both.

This member is overloaded. For complete information about this member, including syntax, usage, and examples, click a name in the overload list.

[Overload List](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public method | [RedirectToRoute(Object)](http://msdn.microsoft.com/en-us/library/dd992864(v=vs.110).aspx) | Redirects a request to a new URL by using route parameter values. |
| Public method | [RedirectToRoute(RouteValueDictionary)](http://msdn.microsoft.com/en-us/library/dd992882(v=vs.110).aspx) | Redirects a request to a new URL by using route parameter values. |
| Public method | [RedirectToRoute(String)](http://msdn.microsoft.com/en-us/library/dd783087(v=vs.110).aspx) | Redirects a request to a new URL by using a route name. |
| Public method | [RedirectToRoute(String, Object)](http://msdn.microsoft.com/en-us/library/dd992853(v=vs.110).aspx) | Redirects a request to a new URL by using route parameter values and a route name. |
| Public method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn.microsoft.com/en-us/library/dd992947(v=vs.110).aspx) | Redirects a request to a new URL by using route parameter values and a route name. |

# HttpResponse.RedirectToRoute Method (Object)

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd992864(d=printer,v=vs.100).aspx)

Redirects a request to a new URL by using route parameter values.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd992864(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd992864(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd992864(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectToRoute(

Object routeValues

)

#### Parameters

routeValues

Type: [System.Object](http://msdn.microsoft.com/en-us/library/system.object(v=vs.110).aspx)

The route parameter values.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [InvalidOperationException](http://msdn.microsoft.com/en-us/library/system.invalidoperationexception(v=vs.110).aspx) | No route corresponds to the specified route parameters. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | Redirection was attempted after the HTTP headers had been sent. |

[Remarks](javascript:void(0))

This method is provided for coding convenience. It is equivalent to calling the [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) method with the second parameter set to false.

This method converts the object that is passed in routeValues to a [System.Web.Routing.RouteValueDictionary](http://msdn.microsoft.com/en-us/library/system.web.routing.routevaluedictionary(v=vs.110).aspx) object by using the [RouteValueDictionary.RouteValueDictionary(Object)](http://msdn.microsoft.com/en-us/library/cc680272(v=vs.110).aspx) constructor. The [RouteCollection.GetVirtualPath](http://msdn.microsoft.com/en-us/library/system.web.routing.routecollection.getvirtualpath(v=vs.110).aspx) method is then called to determine the URL.

ASP.NET performs the redirection by returning a 302 HTTP status code.

[Examples](javascript:void(0))

The following example shows how to call this method to redirect to a route that has parameters that are named productid and category.

C#

[VB](http://msdn.microsoft.com/en-us/library/dd992864(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.RedirectToRoute(

new { productid = "1", category = "widgets" });

# HttpResponse.RedirectToRoute Method (RouteValueDictionary)

**.NET Framework 4.5**

**Supported in: .NET Framework 4.5, 4.0**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd992882(d=printer,v=vs.100).aspx)

Redirects a request to a new URL by using route parameter values.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd992882(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd992882(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd992882(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectToRoute(

RouteValueDictionary routeValues

)

#### Parameters

routeValues

Type: [System.Web.Routing.RouteValueDictionary](http://msdn.microsoft.com/en-us/library/system.web.routing.routevaluedictionary(v=vs.110).aspx)

The route parameter values.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [InvalidOperationException](http://msdn.microsoft.com/en-us/library/system.invalidoperationexception(v=vs.110).aspx) | No route corresponds to the specified route parameters. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | Redirection was attempted after the HTTP headers had been sent. |

[Remarks](javascript:void(0))

This method is provided for coding convenience. It is equivalent to calling the [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) method with the second parameter set to false.

This method calls the [RouteCollection.GetVirtualPath](http://msdn.microsoft.com/en-us/library/system.web.routing.routecollection.getvirtualpath(v=vs.110).aspx) method to determine the URL.

ASP.NET performs the redirection by returning a 302 HTTP status code.

[Examples](javascript:void(0))

The following example shows how to call this method to redirect to a route that has parameters that are named productid and category.

C#

[VB](http://msdn.microsoft.com/en-us/library/dd992882(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.RedirectToRoute(

(new RouteValueDictionary {productId="1", category="widgets"});

# HttpResponse.RedirectToRoute Method (String)

**.NET Framework 4.5**Other Versions 

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd783087(d=printer,v=vs.100).aspx)

**Supported in: .NET Framework 4.5, 4.0**

Redirects a request to a new URL by using a route name.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd783087(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd783087(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd783087(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectToRoute(

string routeName

)

#### Parameters

routeName

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The name of the route.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [InvalidOperationException](http://msdn.microsoft.com/en-us/library/system.invalidoperationexception(v=vs.110).aspx) | No route corresponds to the specified route parameters. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | Redirection was attempted after the HTTP headers had been sent. |

[Remarks](javascript:void(0))

This method is provided for coding convenience. It is equivalent to calling the [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) method with the second parameter set to false.

This method converts the route name that is passed in routeName to a URL by using the [RouteCollection.GetVirtualPath](http://msdn.microsoft.com/en-us/library/system.web.routing.routecollection.getvirtualpath(v=vs.110).aspx) method.

ASP.NET performs the redirection by returning a 302 HTTP status code.

[Examples](javascript:void(0))

The following example shows how to call this method to redirect to a route that is named Products.

C#

[VB](http://msdn.microsoft.com/en-us/library/dd783087(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.RedirectToRoute("Products");

# HttpResponse.RedirectToRoute Method (String, Object)

**.NET Framework 4.5**

[**Other Versions**](javascript:;)

****

* [**.NET Framework 4**](http://msdn.microsoft.com/en-us/library/dd992853(d=printer,v=vs.100).aspx)

**Supported in: .NET Framework 4.5, 4.0** - Rate this topic

Redirects a request to a new URL by using route parameter values and a route name.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd992853(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd992853(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd992853(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectToRoute(

string routeName,

Object routeValues

)

#### Parameters

routeName

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The name of the route.

routeValues

Type: [System.Object](http://msdn.microsoft.com/en-us/library/system.object(v=vs.110).aspx)

The route parameter values.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [InvalidOperationException](http://msdn.microsoft.com/en-us/library/system.invalidoperationexception(v=vs.110).aspx) | No route corresponds to the specified route parameters. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | Redirection was attempted after the HTTP headers had been sent. |

[Remarks](javascript:void(0))

This method is provided for coding convenience. It is equivalent to calling the [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) method with the second parameter set to false.

This method converts the object that is passed in routeValues to a [System.Web.Routing.RouteValueDictionary](http://msdn.microsoft.com/en-us/library/system.web.routing.routevaluedictionary(v=vs.110).aspx) object by using the [RouteValueDictionary.RouteValueDictionary(Object)](http://msdn.microsoft.com/en-us/library/cc680272(v=vs.110).aspx) constructor. The [RouteCollection.GetVirtualPath](http://msdn.microsoft.com/en-us/library/system.web.routing.routecollection.getvirtualpath(v=vs.110).aspx) method is then called to determine the URL.

ASP.NET performs the redirection by returning a 302 HTTP status code.

[Examples](javascript:void(0))

The following example shows how to call this method to redirect to a route that is named Product and that has parameters that are named productid and category.

C#

[VB](http://msdn.microsoft.com/en-us/library/dd992853(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.RedirectToRoute("Product",

new { productid = "1", category = "widgets" });

# HttpResponse.RedirectToRoute Method (String, RouteValueDictionary)

**.NET Framework 4.5**

[Other Versions](javascript:;)



* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.100).aspx)

**Supported in: .NET Framework 4.5, 4.0** - [Rate this topic](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.110).aspx#feedback)

Redirects a request to a new URL by using route parameter values and a route name.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void RedirectToRoute(

string routeName,

RouteValueDictionary routeValues

)

#### Parameters

routeName

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The name of the route.

routeValues

Type: [System.Web.Routing.RouteValueDictionary](http://msdn.microsoft.com/en-us/library/system.web.routing.routevaluedictionary(v=vs.110).aspx)

The route parameter values.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [InvalidOperationException](http://msdn.microsoft.com/en-us/library/system.invalidoperationexception(v=vs.110).aspx) | No route corresponds to the specified route parameters. |
| [HttpException](http://msdn.microsoft.com/en-us/library/system.web.httpexception(v=vs.110).aspx) | Redirection was attempted after the HTTP headers had been sent. |

[Remarks](javascript:void(0))

This method is provided for coding convenience. It is equivalent to calling the [Redirect(String, Boolean)](http://msdn.microsoft.com/en-us/library/a8wa7sdt(v=vs.110).aspx) method with the second parameter set to false.

The [RouteCollection.GetVirtualPath](http://msdn.microsoft.com/en-us/library/system.web.routing.routecollection.getvirtualpath(v=vs.110).aspx) method is called to determine the URL.

ASP.NET performs the redirection by returning a 302 HTTP status code.

[Examples](javascript:void(0))

The following example shows how to call this method to redirect to a route that is named Product and that has parameters that are named productid and category.

C#

[VB](http://msdn.microsoft.com/en-us/library/dd992947(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Response.RedirectToRoute("Product",

(new RouteValueDictionary {productId="1", category="widgets"});

**HttpServerUtility.Transfer Method**

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(d=printer,v=vs.80).aspx)
* [.NET Framework 1.1](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(d=printer,v=vs.71).aspx)

Terminates execution of the current page and starts execution of a new page for the current request.

This member is overloaded.

[Overload List](javascript:void(0))

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| Public method | [Transfer(String)](http://msdn.microsoft.com/en-us/library/y4k58xk7(v=vs.110).aspx) | For the current request, terminates execution of the current page and starts execution of a new page by using the specified URL path of the page. |
| Public method | [Transfer(IHttpHandler, Boolean)](http://msdn.microsoft.com/en-us/library/8z9e2zxx(v=vs.110).aspx) | Terminates execution of the current page and starts execution of a new request by using a custom HTTP handler that implements the [IHttpHandler](http://msdn.microsoft.com/en-us/library/system.web.ihttphandler(v=vs.110).aspx) interface and specifies whether to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections. |
| Public method | [Transfer(String, Boolean)](http://msdn.microsoft.com/en-us/library/caxa892w(v=vs.110).aspx) | Terminates execution of the current page and starts execution of a new page by using the specified URL path of the page. Specifies whether to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections. |

# HttpServerUtility.Transfer Method (String)

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.80).aspx)

For the current request, terminates execution of the current page and starts execution of a new page by using the specified URL path of the page.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/y4k58xk7(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void Transfer(

string path

)

#### Parameters

path

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The URL path of the new page on the server to execute.

[Remarks](javascript:void(0))

The page transferred to should be another .aspx page. For instance, a transfer to an .asp or .asmx page is not valid. The [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method preserves the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections.

[Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) calls [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx), which throws a [ThreadAbortException](http://msdn.microsoft.com/en-us/library/system.threading.threadabortexception(v=vs.110).aspx) exception upon completion.

ASP.NET does not verify that the current user is authorized to view the resource delivered by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. Although the ASP.NET authorization and authentication logic runs before the original resource handler is called, ASP.NET directly calls the handler indicated by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method and does not rerun authentication and authorization logic for the new resource. If your application's security policy requires clients to have appropriate authorization to access the resource, the application should force reauthorization or provide a custom access-control mechanism.

You can force reauthorization by using the [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method instead of the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. The [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method performs a client-side redirect in which the browser requests the new resource. Because this redirect is a new request entering the system, it is subjected to all the authentication and authorization logic of both Internet Information Services (IIS) and ASP.NET security policy.

You can verify that the user has permission to view the resource by incorporating a custom authorization method that uses the [IsInRole](http://msdn.microsoft.com/en-us/library/system.security.principal.windowsprincipal.isinrole(v=vs.110).aspx) method before the application calls the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method.

# HttpServerUtility.Transfer Method (IHttpHandler, Boolean)

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.80).aspx)

Terminates execution of the current page and starts execution of a new request by using a custom HTTP handler that implements the [IHttpHandler](http://msdn.microsoft.com/en-us/library/system.web.ihttphandler(v=vs.110).aspx) interface and specifies whether to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/8z9e2zxx(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void Transfer(

IHttpHandler handler,

bool preserveForm

)

#### Parameters

handler

Type: [System.Web.IHttpHandler](http://msdn.microsoft.com/en-us/library/system.web.ihttphandler(v=vs.110).aspx)

The HTTP handler that implements the [IHttpHandler](http://msdn.microsoft.com/en-us/library/system.web.ihttphandler(v=vs.110).aspx) to transfer the current request to.

preserveForm

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/system.boolean(v=vs.110).aspx)

true to preserve the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections; false to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ApplicationException](http://msdn.microsoft.com/en-us/library/system.applicationexception(v=vs.110).aspx) | The current page request is a callback. |

[Remarks](javascript:void(0))

You can write custom HTTP handlers to process specific, predefined types of HTTP requests in any language that is compliant with the Common Language Specification (CLS). Executable code that is defined in the HTTP handler classes instead of conventional ASP (also known as classic ASP) pages or ASP.NET pages responds to these specific requests. HTTP handlers allow for interacting with the low-level request and response services of a Web server that is running Internet Information Services (IIS), and they provide functionality that is similar to ISAPI extensions but with a simpler programming model.

If you set the preserveForm parameter to true, the target page will be able to access the view state of the previous page by using the [PreviousPage](http://msdn.microsoft.com/en-us/library/system.web.ui.page.previouspage(v=vs.110).aspx) property.

For security purposes, you should keep the enableViewStateMac attribute set to true. ASP.NET does not verify that the current user is authorized to view the resource delivered by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. Although the ASP.NET authorization and authentication logic runs before the original resource handler is called, ASP.NET directly calls the handler indicated by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method, and does not rerun authentication and authorization logic for the new resource. If the security policy for your application requires clients to have appropriate authorization to access the resource, the application should force reauthorization or provide a custom access-control mechanism.

You can force reauthorization by using the [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method instead of the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. The [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method performs a client-side redirect in which the browser requests the new resource. Because this redirect is a new request entering the system, it is subjected to all the authentication and authorization logic of both the IIS and ASP.NET security policy.

You can verify that the user has permission to view the resource by incorporating a custom authorization method that uses the [IsInRole](http://msdn.microsoft.com/en-us/library/system.security.principal.windowsprincipal.isinrole(v=vs.110).aspx) method before the application calls the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method.

# HttpServerUtility.Transfer Method (String, Boolean)

**.NET Framework 4.5**

[Other Versions](javascript:;)

http://i.msdn.microsoft.com/Areas/Epx/Content/Images/ImageSprite.png

* [.NET Framework 4](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.100).aspx)
* [.NET Framework 3.5](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.90).aspx)
* [.NET Framework 3.0](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.85).aspx)
* [.NET Framework 2.0](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.80).aspx)

Terminates execution of the current page and starts execution of a new page by using the specified URL path of the page. Specifies whether to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections.

**Namespace:**  [System.Web](http://msdn.microsoft.com/en-us/library/system.web(v=vs.110).aspx)  
**Assembly:**  System.Web (in System.Web.dll)

C#

[C++](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-1)

[F#](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=fsharp#code-snippet-1)

[VB](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-1)

public void Transfer(

string path,

bool preserveForm

)

#### Parameters

path

Type: [System.String](http://msdn.microsoft.com/en-us/library/system.string(v=vs.110).aspx)

The URL path of the new page on the server to execute.

preserveForm

Type: [System.Boolean](http://msdn.microsoft.com/en-us/library/system.boolean(v=vs.110).aspx)

true to preserve the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections; false to clear the [QueryString](http://msdn.microsoft.com/en-us/library/system.web.httprequest.querystring(v=vs.110).aspx) and [Form](http://msdn.microsoft.com/en-us/library/system.web.httprequest.form(v=vs.110).aspx) collections.

[Exceptions](javascript:void(0))

|  |  |
| --- | --- |
| **Exception** | **Condition** |
| [ApplicationException](http://msdn.microsoft.com/en-us/library/system.applicationexception(v=vs.110).aspx) | The current page request is a callback. |

[Remarks](javascript:void(0))

The page transferred to should be another .aspx page. For instance, a transfer to an .asp or .asmx page is not valid.

[Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) calls [End](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.end(v=vs.110).aspx), which throws a [ThreadAbortException](http://msdn.microsoft.com/en-us/library/system.threading.threadabortexception(v=vs.110).aspx) exception upon completion.

If you set the preserveForm parameter to true, the target page will be able to access the view state of the previous page by using the [PreviousPage](http://msdn.microsoft.com/en-us/library/system.web.ui.page.previouspage(v=vs.110).aspx) property.

For security purposes, you should keep the enableViewStateMac attribute set to true. ASP.NET does not verify that the current user is authorized to view the resource delivered by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. Although the ASP.NET authorization and authentication logic runs before the original resource handler is called, ASP.NET directly calls the handler indicated by the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method and does not rerun authentication and authorization logic for the new resource. If your application's security policy requires clients to have appropriate authorization to access the resource, the application should force reauthorization or provide a custom access-control mechanism.

You can force reauthorization by using the [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method instead of the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method. The [Redirect](http://msdn.microsoft.com/en-us/library/system.web.httpresponse.redirect(v=vs.110).aspx) method performs a client-side redirect in which the browser requests the new resource. Because this redirect is a new request entering the system, it is subjected to all the authentication and authorization logic of both Internet Information Services (IIS) and ASP.NET security policy.

You can verify that the user has permission to view the resource by incorporating a custom authorization method that uses the [IsInRole](http://msdn.microsoft.com/en-us/library/system.security.principal.windowsprincipal.isinrole(v=vs.110).aspx) method before the application calls the [Transfer](http://msdn.microsoft.com/en-us/library/system.web.httpserverutility.transfer(v=vs.110).aspx) method.

[Examples](javascript:void(0))

The following example executes a new page in the same directory as the current page.

C#

[VB](http://msdn.microsoft.com/en-us/library/caxa892w(d=printer,v=vs.110).aspx?cs-save-lang=1&cs-lang=vb#code-snippet-2)

Server.Transfer("Logon.aspx", true);