

# AuthorizeAttribute Class

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Specifies the authorization filter that verifies the request's [IPrincipal](#).

**Namespace:** [System.Web.Http](#)

**Assembly:** System.Web.Http (in System.Web.Http.dll)

## Inheritance Hierarchy

[System.Object](#)

[System.Attribute](#)

[System.Web.Http.Filters.FilterAttribute](#)

[System.Web.Http.Filters.AuthorizationFilterAttribute](#)

System.Web.Http.AuthorizeAttribute


## Syntax

C#





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```
[AttributeUsageAttribute(AttributeTargets.Class | AttributeTargets.Method,  
    Inherited = true, AllowMultiple = true)]  
public class AuthorizeAttribute : AuthorizationFilterAttribute
```









# Constructors





Name	Description
 <a href="#">AuthorizeAttribute()</a>	Initializes a new instance of the AuthorizeAttribute class.

# Properties










Name	Description
 <a href="#">AllowMultiple</a>	Gets a value that indicates whether multiple filters are allowed.(Inherited from <a href="#">FilterAttribute</a> .)
 <a href="#">Roles</a>	Gets or sets the authorized roles.
 <a href="#">TypeId</a>	Gets a unique identifier for this attribute.(Overrides <a href="#">Attribute.TypeId</a> .)
 <a href="#">Users</a>	Gets or sets the authorized users.

# Methods

Name	Description
 <a href="#">Equals(Object)</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">Finalize()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">GetHashCode()</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">GetType()</a>	(Inherited from <a href="#">Object</a> .)
 <a href="#">HandleUnauthorizedRequest(HttpContext)</a>	Processes requests that fail authorization.
 <a href="#">IsAuthorized(HttpContext)</a>	Indicates whether the specified control is authorized.
 <a href="#">IsDefaultAttribute()</a>	(Inherited from <a href="#">Attribute</a> .)
 <a href="#">Match(Object)</a>	(Inherited from <a href="#">Attribute</a> .)

	<b>MemberwiseClone()</b> <b>Name</b>	(Inherited from <a href="#">Object.</a> ) <b>Description</b>
	<b>OnAuthorization(HttpContext)</b>	Calls when an action is being authorized. <a href="#">AuthorizationFilterAttribute.OnAuthoriz</a>
	<b>OnAuthorizationAsync(HttpContext, CancellationToken)</b>	(Inherited from <a href="#">AuthorizationFilterAttrib</a>
	<b>ToString()</b>	(Inherited from <a href="#">Object.</a> )

## Explicit Interface Implementations

Name	Description
 	<b>_Attribute.GetIDsOfNames(Guid, IntPtr, UInt32, UInt32, IntPtr)</b> (Inherited from
 	<b>_Attribute.GetTypeInfo(UInt32, UInt32, IntPtr)</b> (Inherited from
 	<b>_Attribute.GetTypeInfoCount(UInt32)</b> (Inherited from
 	<b>_Attribute.Invoke(UInt32, Guid, UInt32, Int16, IntPtr, IntPtr, IntPtr, IntPtr)</b> (Inherited from
 	<b>IAuthorizationFilter.ExecuteAuthorizationFilterAsync(HttpContext, CancellationToken, Func&lt;Task&lt;HttpResponseMessage&gt;&gt;)</b> Executes the au filter during syn (Inherited from <a href="#">AuthorizationFi</a>

## Thread Safety

Any public static (**Shared** in Visual Basic) members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

## See Also

[System.Web.Http Namespace](#)[Return to top](#)