

1 System.Net.WebPermissionAttribute Class

```
2 [ILAsm]  
3 .class public sealed serializable WebPermissionAttribute extends  
4 System.Security.Permissions.CodeAccessSecurityAttribute  
  
5 [C#]  
6 public sealed class WebPermissionAttribute: CodeAccessSecurityAttribute
```

7 Assembly Info:

- 8 • *Name:* System
- 9 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 10 • *Version:* 2.0.x.x
- 11 • *Attributes:*
 - 12 ○ CLSCompliantAttribute(true)

13 Type Attributes:

- 14 • AttributeUsageAttribute(AttributeTargets.Assembly | AttributeTargets.Class |
15 AttributeTargets.Struct | AttributeTargets.Constructor | AttributeTargets.Method,
16 AllowMultiple=true, Inherited=false)

17 Summary

18 Used to declaratively specify permission to access Internet resources.

19 Inherits From: System.Security.Permissions.CodeAccessSecurityAttribute

20 **Library:** Networking

21
22
23 **Thread Safety:** All public static members of this type are safe for multithreaded operations.
24 No instance members are guaranteed to be thread safe.

26 Description

27 [Note: The security information declared by a security attribute is stored in the
28 metadata of the attribute target, and is accessed by the system at run-time. Security
29 attributes are used for declarative security only. For imperative security, use the
30 corresponding permission class, System.Net.WebPermission.

31
32 The allowable System.Net.WebPermissionAttribute targets are determined by the
33 System.Security.Permissions.SecurityAction passed to the constructor.

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1
2 **WebPermissionAttribute(System.Security.Per**
3 **missions.SecurityAction) Constructor**

```
4 [ILAsm]  
5 public rtspecialname specialname instance void .ctor(valuetype  
6 System.Security.Permissions.SecurityAction action)  
7  
8 [C#]  
9 public WebPermissionAttribute(SecurityAction action)
```

9 **Summary**

10 Constructs a new instance of the System.Net.WebPermissionAttribute class with the
11 specified System.Security.Permissions.SecurityAction value.

12 **Parameters**

Parameter	Description
<i>action</i>	A System.Security.Permissions.SecurityAction value.

13
14 **Exceptions**

Exception	Condition
System.ArgumentException	<i>action</i> is not a valid System.Security.Permissions.SecurityAction value.

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1 WebPermissionAttribute.CreatePermission() 2 Method

```
3 [ILAsm]  
4 .method public hidebysig virtual class System.Security.IPermission  
5 CreatePermission()  
  
6 [C#]  
7 public override IPermission CreatePermission()
```

8 Summary

9 Returns a `System.Net.WebPermission` instance that contains the security information of
10 the current instance.

11 Return Value

12 A `System.Net.WebPermission` object with the security information of the current
13 instance.

14 Description

15 [*Note:* Applications typically do not call this method; it is intended for use by the
16 system.

17
18 The security information described by a security attribute is stored in the metadata of
19 the attribute target, and is accessed by the system at run-time. The system uses the
20 object returned by this method to convert the security information of the current
21 instance into the form stored in metadata.

22
23 This method overrides
24 `System.Security.Permissions.SecurityAttribute.CreatePermission`.

25
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1 WebPermissionAttribute.Accept Property

```
2 [ILAsm]  
3 .property string Accept { public hidebysig specialname instance string  
4 get_Accept() public hidebysig specialname instance void set_Accept(string  
5 value) }  
6 [C#]  
7 public string Accept { get; set; }
```

8 Summary

9 Gets or sets the URI accepted by the current instance.

10 Property Value

11 A `System.String` that represents the URI accepted by the current instance.

12 Description

13 This property is write-once. Once this property has been set to a non-null value,
14 attempts to set this property to new value cause a `System.ArgumentException`.

15 Exceptions

Exception	Condition
System.ArgumentException	System.Net.WebPermissionAttribute.Acceptis being set and is not null.

16

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1 WebPermissionAttribute.Connect Property

```
2 [ILAsm]  
3 .property string Connect { public hidebysig specialname instance string  
4 get_Connect() public hidebysig specialname instance void  
5 set_Connect(string value) }  
6 [C#]  
7 public string Connect { get; set; }
```

8 Summary

9 Gets or sets the URI connection controlled by the current instance.

10 Property Value

11 A `System.String` that represents the connection controlled by the current instance.

12 Description

13 This property is write-once. Once this property has been set to a non-null value,
14 attempts to set this property to new value cause a `System.ArgumentException`.

15 Exceptions

Exception	Condition
System.ArgumentException	System.Net.WebPermissionAttribute.Connect is being set and is not null.

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