1 # System.Net.WebPermissionAttribute Class
2
3

```
4  [ILASM]
5  .class public sealed serializable WebPermissionAttribute
6  extends
7  System.Security.Permissions.CodeAccessSecurityAttribute

8  [C#]
9  public sealed class WebPermissionAttribute:
10 CodeAccessSecurityAttribute
```

11 **Assembly Info:**

12 • *Name:* System
13 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
14 • *Version:* 1.0.x.x
15 • *Attributes:*
16   o CLSCompliantAttribute(true)

17 **Type Attributes:**

18 • AttributeUsageAttribute(AttributeTargets.Assembly | AttributeTargets.Class |
19   AttributeTargets.Struct | AttributeTargets.Constructor |
20   AttributeTargets.Method, AllowMultiple=true, Inherited=false)

21 **Summary**
22

23   Used to declaratively specify permission to access Internet resources.

24 **Inherits From: System.Security.Permissions.CodeAccessSecurityAttribute**
25
26 **Library:** Networking
27
28 **Thread Safety:** All public static members of this type are safe for multithreaded
29 operations. No instance members are guaranteed to be thread safe.
30
31 **Description**

32   [*Note:* The security information declared by a security attribute is
33   stored in the metadata of the attribute target, and is accessed by the
34   system at run-time. Security attributes are used for declarative
35   security only. For imperative security, use the corresponding
36   permission class, **System.Net.WebPermission**.
37
38   The allowable **System.Net.WebPermissionAttribute** targets are
39   determined by the **System.Security.Permissions.SecurityAction**
40   passed to the constructor.]

41

WebPermissionAttribute(System.Security.Permissions.SecurityAction) Constructor

```
[ILASM]
public rtspecialname specialname instance void
.ctor(valuetype System.Security.Permissions.SecurityAction
action)

[C#]
public WebPermissionAttribute(SecurityAction action)
```

Summary

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

Parameters

Parameter	Description
action	A **System.Security.Permissions.SecurityAction** value.

Exceptions

Exception	Condition
System.ArgumentException	*action* is not a valid **System.Security.Permissions.SecurityAction** value.

WebPermissionAttribute.CreatePermissio n() Method

```
[ILASM]
.method public hidebysig virtual class
System.Security.IPermission CreatePermission()

[C#]
public override IPermission CreatePermission()
```

Summary

Returns a **System.Net.WebPermission** instance that contains the security information of the current instance.

Return Value

A **System.Net.WebPermission** object with the security information of the current instance.

Description

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

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

This method overrides **System.Security.Permissions.SecurityAttribute.CreatePermissio n**.]

WebPermissionAttribute.Accept Property

```
[ILASM]
.property string Accept { public hidebysig specialname
instance string get_Accept() public hidebysig specialname
instance void set_Accept(string value) }

[C#]
public string Accept { get; set; }
```

Summary

Gets or sets the URI accepted by the current instance.

Property Value

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

Description

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

Exceptions

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

1 WebPermissionAttribute.Connect Property

2   `[ILASM]`
```
.property string Connect { public hidebysig specialname
instance string get_Connect() public hidebysig specialname
instance void set_Connect(string value) }


[C#]
public string Connect { get; set; }
```

8 **Summary**

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

10 **Property Value**
11

12   A **System.String** that represents the connection controlled by the
13   current instance.

14 **Description**

15   This property is write-once. Once this property has been set to a non-
16   null value, attempts to set this property to new value cause a
17   **System.ArgumentException**.

18 **Exceptions**
19
20

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

21
22