System.Net.WebPermissionAttribute Class

```
[ILAsm]
.class public sealed serializable WebPermissionAttribute extends
System.Security.Permissions.CodeAccessSecurityAttribute


[C#]
public sealed class WebPermissionAttribute:
CodeAccessSecurityAttribute
```

Assembly Info:

- *Name:* System
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
    - CLSCompliantAttribute(true)

Type Attributes:

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

Summary

Used to declaratively specify permission to access Internet resources.

Inherits From: System.Security.Permissions.CodeAccessSecurityAttribute

Library: Networking

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

Description

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

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

]

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.CreatePermission() 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.CreatePermission`.

]

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`.

WebPermissionAttribute.Connect Property

```
[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; }
```

Summary

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

Property Value

A `System.String` that represents the connection controlled 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.Connect` is being set and is not `null`.