

System.Net.GlobalProxySelection Class

```
[ILAsm]  
.class public GlobalProxySelection extends System.Object  
  
[C#]  
public class GlobalProxySelection
```

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)

Summary

Contains a global default proxy instance for all HTTP requests.

Inherits From: System.Object

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

The `System.Net.GlobalProxySelection` stores the proxy settings for the default proxy that `System.Net.WebRequest` instances use to contact Internet sites beyond the local network. The default proxy settings are initialized from a global or application configuration file, and can be overridden for individual requests, or disabled by setting the `System.Net.HttpWebRequest.Proxy` property to the object returned by the `System.Net.GlobalProxySelection.GetEmptyWebProxy` method.

The proxy settings stored in `System.Net.GlobalProxySelection` are used by a `System.Net.HttpWebRequest` instance if its `System.Net.HttpWebRequest.Proxy` property is not set.

GlobalProxySelection() Constructor

```
[ILAsm]  
public rtspecialname specialname instance void .ctor()
```

```
[C#]  
public GlobalProxySelection()
```

Summary

Constructs a new instance of the `System.Net.GlobalProxySelection` class.

GlobalProxySelection.GetEmptyWebProxy() Method

```
[ILAsm]  
.method public hidebysig static class System.Net.IWebProxy  
GetEmptyWebProxy()  
  
[C#]  
public static IWebProxy GetEmptyWebProxy()
```

Summary

Returns an empty proxy object.

Return Value

A `System.Net.IWebProxy` that contains no information.

Description

The `System.Net.GlobalProxySelection.GetEmptyWebProxy` method returns an empty `System.Net.IWebProxy` instance indicating that no proxy is used to access an Internet resource.

GlobalProxySelection.Select Property

```
[ILAsm]
.property class System.Net.IWebProxy Select { public hidebysig
static specialname class System.Net.IWebProxy get_Select() public
hidebysig static specialname void set_Select(class
System.Net.IWebProxy value) }

[C#]
public static IWebProxy Select { get; set; }
```

Summary

Gets or sets the global proxy information.

Property Value

A `System.Net.IWebProxy` that identifies the proxy server used by the `System.Net.HttpWebRequest.GetResponse` method if no proxy information is specified.

Exceptions

Exception	Condition
System.Security.SecurityException	The caller does not have permission for the requested operation.

Permissions

Permission	Description
System.Security.Permissions.WebPermission	Requires full <code>System.Net.WebPermission</code> access. See <code>System.Security.Permissions.PermissionState.Unrestricted</code> .