

1 System.Net.GlobalProxySelection Class

```
2 [ILAsm]  
3 .class public GlobalProxySelection extends System.Object  
4 [C#]  
5 public class GlobalProxySelection
```

6 Assembly Info:

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

12 Summary

13 Contains a global default proxy instance for all HTTP requests.

14 Inherits From: System.Object

15

16 **Library:** Networking

17

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

20

21 Description

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

28

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

32

1 GlobalProxySelection() Constructor

```
2 [ILAsm]  
3 public rtspecialname specialname instance void .ctor()  
4 [C#]  
5 public GlobalProxySelection()
```

6 Summary

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

8

1 GlobalProxySelection.GetEmptyWebProxy() 2 Method

```
3 [ILAsm]  
4 .method public hidebysig static class System.Net.IWebProxy  
5 GetEmptyWebProxy()  
  
6 [C#]  
7 public static IWebProxy GetEmptyWebProxy()
```

8 Summary

9 Returns an empty proxy object.

10 Return Value

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

12 Description

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

16

1 GlobalProxySelection.Select Property

```
2 [ILAsm]  
3 .property class System.Net.IWebProxy Select { public hidebysig static  
4 specialname class System.Net.IWebProxy get_Select() public hidebysig  
5 static specialname void set_Select(class System.Net.IWebProxy value) }  
  
6 [C#]  
7 public static IWebProxy Select { get; set; }
```

8 Summary

9 Gets or sets the global proxy information.

10 Property Value

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

13 Exceptions

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

14

15 Permissions

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

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