

System.CLSCompliantAttribute Class

```
[ILASM]
.class public sealed serializable CLSCompliantAttribute
extends System.Attribute

[C#]
public sealed class CLSCompliantAttribute: Attribute
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- *Version:* 1.0.x.x
- *Attributes:*
 - CLSCompliantAttribute(true)

Type Attributes:

- AttributeUsageAttribute(AttributeTargets.All, AllowMultiple=false, Inherited=true)

Summary

Indicates whether the target of the current attribute complies with the Common Language Specification (CLS).

Inherits From: System.Attribute

Library: BCL

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

Description

If no **System.CLSCompliantAttribute** is associated with a given assembly, that assembly is assumed not to be CLS-compliant.

A type is assumed to be CLS-compliant if and only if its enclosing type (for nested types) or assembly (for top-level types) is CLS-compliant. Other members (methods, fields, properties and events) are CLS-compliant if and only if the type in which they are defined is CLS-compliant.

[*Note:* The CLS is a subset of CLI features that is supported by a broad set of compliant languages and tools. CLS-compliant languages and tools are guaranteed to interoperate with other CLS-compliant

1 languages and tools.

2

3 Because the CLS defines the rules for language interoperability, its
4 rules apply only to "externally visible" items. The CLS assumes that
5 language interoperability is important only across the assembly
6 boundary - that is, within a single assembly there are no restrictions
7 as to the programming techniques that are used. Thus, the CLS rules
8 apply only to items that are visible outside of their defining assembly
9 and have public, family, or family-or-assembly accessibility.

10

11 For more information on CLS compliance, see Partition I of the CLI
12 Specification.

13

14 This attribute can be applied to any valid attribute target. For a
15 complete list of valid targets, see **System.AttributeTargets.**]

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1 CLSCompliantAttribute(System.Boolean)

2 Constructor

3 [ILASM]
4 public rtsspecialname specialname instance void .ctor(bool
5 isCompliant)

6 [C#]
7 public CLSCompliantAttribute(bool isCompliant)

8 Summary

9 Constructs and initializes a new instance of the
10 **System.CLSCompliantAttribute** class.

11 Parameters

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Parameter	Description
<i>isCompliant</i>	true if the target of the new instance complies with the CLS; otherwise, false .

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1 CLSCompliantAttribute.IsCompliant 2 Property

```
3 [ILASM]  
4 .property bool IsCompliant { public hidebysig specialname  
5 instance bool get_IsCompliant() }  
  
6 [C#]  
7 public bool IsCompliant { get; }
```

8 Summary

9 Gets a **System.Boolean** indicating whether the target of the current
10 instance is CLS-compliant.

11 Property Value

12

13 **true** if the target of the current instance complies with the CLS;
14 otherwise, **false**.

15 Description

16 This property is read-only.

17