

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

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languages and tools.

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

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

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

1 CLSCompliantAttribute(System.Boolean) 2 Constructor

3 [ILASM]
4 public rtSpecialName 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

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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

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

15 Description

16 This property is read-only.

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