

System.Runtime.CompilerServices.DecimalConstantAttribute Class

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

[C#]
public sealed class DecimalConstantAttribute: 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:

- CLSCompliantAttribute(false)
- AttributeUsageAttribute(AttributeTargets.Field | AttributeTargets.Parameter, AllowMultiple=false, Inherited=false)

Summary

Stores the value of a **System.Decimal** constant in metadata.

Inherits From: System.Attribute

Library: RuntimeInfrastructure

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:* This attribute can be applied to fields and parameters.

For more information on storing constants in metadata, see Partition II of the CLI Specification.

The types in **System.Runtime.CompilerServices** are intended primarily for use by compilers, not application programmers. They allow compilers to easily implement certain language features that are not directly visible to programmers.]

DecimalConstantAttribute(System.Byte, System.Byte, System.UInt32, System.UInt32) Constructor

```
[ILASM]
public rtspecialname specialname instance void
.ctor(unsigned int8 scale, unsigned int8 sign, unsigned
int32 hi, unsigned int32 mid, unsigned int32 low)

[C#]
public DecimalConstantAttribute(byte scale, byte sign, uint
hi, uint mid, uint low)
```

Summary

Constructs a new instance of the **System.Runtime.CompilerServices.DecimalConstantAttribute** class with the specified value.

Parameters

Parameter	Description
<i>scale</i>	A System.Byte that specifies the number of digits to the right of the decimal point in the value of the new instance. Valid <i>scale</i> values are 0 through 28 inclusive.
<i>sign</i>	A System.Byte that specifies the sign of the value of the new instance. Zero indicates a positive value; any non-zero value indicates a negative value.
<i>hi</i>	A System.UInt32 that specifies the high-order 32 bits of the value of the new instance.
<i>mid</i>	A System.UInt32 that specifies the middle 32 bits of the value of the new instance.
<i>low</i>	A System.UInt32 that specifies the low-order 32 bits of the value of the new instance.

Exceptions

Exception	Condition
System.ArgumentOutOfRangeException	<i>scale</i> > 28.