

1 System.Reflection.GenericParameterAttributes 2 s Enum

```
3 [ILAsm]  
4 .class public sealed serializable GenericParameterAttributes extends  
5 System.Enum  
  
6 [C#]  
7 public enum GenericParameterAttributes
```

8 Assembly Info:

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

14 Type Attributes:

- 15 • FlagsAttribute

16 Summary

17 Enumerates the attributes on a generic parameter.

18 Inherits From: System.Enum

19
20 **Library:** Reflection

21

1 GenericParameterAttributes.Contravariant 2 Field

```
3 [ILAsm]  
4 .field public static literal valuetype  
5 System.Reflection.GenericParameterAttributes Contravariant = 0x2  
  
6 [C#]  
7 Contravariant = 0x2
```

8 Summary

9 Specifies that the generic parameter is contravariant.

10

1 GenericParameterAttributes.Covariant Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Reflection.GenericParameterAttributes Covariant = 0x1  
  
5 [C#]  
6 Covariant = 0x1
```

7 Summary

8 Specifies that the generic parameter is covariant.

9

1
2 **GenericParameterAttributes.DefaultConstructorConstraint**
3 **Field**

```
4 [ILAsm]  
5 .field public static literal valuetype  
6 System.Reflection.GenericParameterAttributes DefaultConstructorConstraint  
7 = 0x10  
  
8 [C#]  
9 DefaultConstructorConstraint = 0x10
```

10 **Summary**

11 Specifies that the generic parameter has the ".ctor" special constraint.

12

1 GenericParameterAttributes.None Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Reflection.GenericParameterAttributes None = 0x0  
  
5 [C#]  
6 None = 0x0
```

7 Summary

8 Specifies that the generic parameter is nonvariant and has no special constraints.

9

1
2 **GenericParameterAttributes.NotNullableValue**
3 **TypeConstraint Field**

```
4 [ILAsm]  
5 .field public static literal valuetype  
6 System.Reflection.GenericParameterAttributes  
7 NullableValueTypeConstraint = 0x8  
  
8 [C#]  
9 NullableValueTypeConstraint = 0x8
```

10 **Summary**

11 Specifies that the generic parameter has the "valuetype" special constraint.

12

1
2 **GenericParameterAttributes.ReferenceTypeCo**
3 **nstraint Field**

```
4 [ILAsm]  
5 .field public static literal valuetype  
6 System.Reflection.GenericParameterAttributes ReferenceTypeConstraint = 0x4  
7 [C#]  
8 ReferenceTypeConstraint = 0x4
```

9 **Summary**

10 Specifies that the generic parameter has the "class" special constraint.

11

1
2 **GenericParameterAttributes.SpecialConstraintMask Field**
3

```
4 [ILAsm]  
5 .field public static literal valuetype  
6 System.Reflection.GenericParameterAttributes SpecialConstraintMask = 0x1C  
7 [C#]  
8 SpecialConstraintMask = 0x1C
```

9 **Summary**

10 Specifies a bit-mask that when combined with a generic parameter's flags value yields
11 the special constraints bits.

12

1 GenericParameterAttributes.VarianceMask 2 Field

```
3 [ILAsm]  
4 .field public static literal valuetype  
5 System.Reflection.GenericParameterAttributes VarianceMask = 0x3  
  
6 [C#]  
7 VarianceMask = 0x3
```

8 Summary

9 Specifies a bit-mask that when combined with a generic parameter's flags value yields
10 the variance bits.

11