System.Reflection.GenericParameterAttributes Enum

```
[ILAsm]
.class public sealed serializable GenericParameterAttributes extends
System.Enum

[C#]
public enum GenericParameterAttributes
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
  - CLSCompliantAttribute(true)

Type Attributes:

- FlagsAttribute

Summary

Enumerates the attributes on a generic parameter.

Inherits From: System.Enum

Library: Reflection

GenericParameterAttributes.Contravariant Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes Contravariant = 0x2

[C#]
Contravariant = 0x2
```

Summary

Specifies that the generic parameter is contravariant.

GenericParameterAttributes.Covariant Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes Covariant = 0x1


[C#]
Covariant = 0x1
```

Summary

Specifies that the generic parameter is covariant.

GenericParameterAttributes.DefaultConstructorConstraint Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes DefaultConstructorConstraint
= 0x10


[C#]
DefaultConstructorConstraint = 0x10
```

Summary

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

GenericParameterAttributes.None Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes None = 0x0


[C#]
None = 0x0
```

Summary

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

GenericParameterAttributes.NotNullableValue TypeConstraint Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes
NotNullableValueTypeConstraint = 0x8


[C#]
NotNullableValueTypeConstraint = 0x8
```

Summary

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

GenericParameterAttributes.ReferenceTypeConstraint Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes ReferenceTypeConstraint = 0x4


[C#]
ReferenceTypeConstraint = 0x4
```

Summary

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

GenericParameterAttributes.SpecialConstraintMask Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes SpecialConstraintMask = 0x1C

[C#]
SpecialConstraintMask = 0x1C
```

Summary

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

GenericParameterAttributes.VarianceMask Field

```
[ILAsm]
.field public static literal valuetype
System.Reflection.GenericParameterAttributes VarianceMask = 0x3


[C#]
VarianceMask = 0x3
```

Summary

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