

System.Reflection.FieldAttributes Enum

```
[ILAsm]  
.class public sealed serializable FieldAttributes extends System.Enum  
  
[C#]  
public enum FieldAttributes
```

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)

Summary

Specifies flags that describe the attributes of a field.

Inherits From: System.Enum

Library: Reflection

Description

This enumeration is used by the `System.Reflection.FieldInfo.Attributes` property.

FieldAttributes.Assembly Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Assembly = 3  
  
[C#]  
Assembly = 3
```

Summary

Specifies that the field is accessible throughout the assembly.

FieldAttributes.FamANDAssem Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
FamANDAssem = 2  
  
[C#]  
FamANDAssem = 2
```

Summary

Specifies that the field is accessible only to the members of the type that defines the field and its subclasses in the assembly.

FieldAttributes.Family Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Family = 4  
  
[C#]  
Family = 4
```

Summary

Specifies that the field is accessible only to the type that defines the field and its subclasses.

FieldAttributes.FamORAssem Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
FamORAssem = 5  
  
[C#]  
FamORAssem = 5
```

Summary

Specifies that the field is accessible only to the members of the type that defines the field and its subclasses as well as throughout the assembly.

FieldAttributes.FieldAccessMask Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
FieldAccessMask = 7  
  
[C#]  
FieldAccessMask = 7
```

Summary

Specifies a bit-mask that, when combined with the `System.Reflection.FieldInfo.Attributes` of a field using the logical AND operator, yields the bits that specify the accessibility of a field.

FieldAttributes.InitOnly Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
InitOnly = 32  
  
[C#]  
InitOnly = 32
```

Summary

Specifies that the field is initialized only, and cannot be written after initialization.

FieldAttributes.Literal Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Literal = 64  
  
[C#]  
Literal = 64
```

Summary

Specifies that the field's value is a compile-time (static or early bound) constant.

FieldAttributes.PinvokeImpl Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
PinvokeImpl = 8192  
  
[C#]  
PinvokeImpl = 8192
```

Summary

Specifies that the implementation of a field is forwarded through Platform Invocation Services (PInvoke).

FieldAttributes.Private Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Private = 1  
  
[C#]  
Private = 1
```

Summary

Specifies that the field is accessible only to members in the type in which it is defined.

FieldAttributes.PrivateScope Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
PrivateScope = 0  
  
[C#]  
PrivateScope = 0
```

Summary

Specifies that the field cannot be referenced.

FieldAttributes.Public Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Public = 6  
  
[C#]  
Public = 6
```

Summary

Specifies that the field is accessible to any member.

FieldAttributes.SpecialName Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
SpecialName = 512  
  
[C#]  
SpecialName = 512
```

Summary

Specifies that the field is treated in a special way by some tools.

[*Note:* For more information on special names, see Partition I of the CLI Specification.

For more information on `SpecialName` in metadata, see Partition II of the CLI Specification.

]

FieldAttributes.Static Field

```
[ILAsm]  
.field public static literal valuetype System.Reflection.FieldAttributes  
Static = 16  
  
[C#]  
Static = 16
```

Summary

Specifies that the field associated with the defining type and is shared by all instances of the type in which it is defined.