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.