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.

1 FieldAttributes.Assembly Field

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


[C#]
Assembly = 3
```

7 Summary

8 Specifies that the field is accessible throughout the assembly.

9

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.