

# 1 System.Reflection.FieldAttributes Enum

2  
3

```
4 [ILASM]  
5 .class public sealed serializable FieldAttributes extends  
6 System.Enum  
7 [C#]  
8 public enum FieldAttributes
```

## 9 Assembly Info:

- 10 • Name: mscorlib
- 11 • Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 12 • Version: 1.0.x.x
- 13 • Attributes:
  - 14 ○ CLSCompliantAttribute(true)

## 15 Summary

16

17 Specifies flags that describe the attributes of a field.

## 18 Inherits From: System.Enum

19

20 Library: Reflection

21

## 22 Description

23 This enumeration is used by the  
24 **System.Reflection.FieldInfo.Attributes** property.

25

# 1 FieldAttributes.Assembly Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Assembly = 3  
  
5 [C#]  
6 Assembly = 3
```

## 7 Summary

8 Specifies that the field is accessible throughout the assembly.

9

# 1 FieldAttributes.FamANDAssem Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes FamANDAssem = 2  
  
5 [C#]  
6 FamANDAssem = 2
```

## 7 Summary

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

10

# 1 FieldAttributes.Family Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Family = 4  
5  
6 [C#]  
7 Family = 4
```

## 7 Summary

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

10

# 1 FieldAttributes.FamORAssem Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes FamORAssem = 5  
  
5 [C#]  
6 FamORAssem = 5
```

## 7 Summary

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

11

# 1 FieldAttributes.FieldAccessMask Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes FieldAccessMask = 7  
  
5 [C#]  
6 FieldAccessMask = 7
```

## 7 Summary

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

11

# 1 FieldAttributes.InitOnly Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes InitOnly = 32  
  
5 [C#]  
6 InitOnly = 32
```

## 7 Summary

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

10

# 1 FieldAttributes.Literal Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Literal = 64  
  
5 [C#]  
6 Literal = 64
```

## 7 Summary

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

10

# 1 FieldAttributes.PinvokeImpl Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes PinvokeImpl = 8192  
5  
6 [C#]  
7 PinvokeImpl = 8192
```

## 7 Summary

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

10

# 1 FieldAttributes.Private Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Private = 1  
  
5 [C#]  
6 Private = 1
```

## 7 Summary

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

10

# 1 FieldAttributes.PrivateScope Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes PrivateScope = 0  
  
5 [C#]  
6 PrivateScope = 0
```

## 7 Summary

8 Specifies that the field cannot be referenced.

9

# 1 FieldAttributes.Public Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Public = 6  
  
5 [C#]  
6 Public = 6
```

## 7 Summary

8 Specifies that the field is accessible to any member.

9

# 1 FieldAttributes.SpecialName Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes SpecialName = 512  
5  
6 [C#]  
7 SpecialName = 512
```

## 7 Summary

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

9

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

12

13 For more information on **SpecialName** in metadata, see Partition II of  
14 the CLI Specification.]

15

# 1 FieldAttributes.Static Field

```
2 [ILASM]  
3 .field public static literal valuetype  
4 System.Reflection.FieldAttributes Static = 16  
5  
6 [C#]  
7 Static = 16
```

## 7 Summary

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

10