

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]
- *Version:* 1.0.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

```
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 [C#]  
6 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

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.

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 [C#]  
6 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 [C#]  
6 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 [C#]  
6 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