

# 1 System.Reflection.BindingFlags Enum

```
2 [ILAsm]  
3 .class public sealed serializable BindingFlags extends System.Enum  
4 [C#]  
5 public enum BindingFlags
```

## 6 Assembly Info:

- 7 • *Name:* mscorlib
- 8 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 9 • *Version:* 2.0.x.x
- 10 • *Attributes:*
  - 11 ○ CLSCompliantAttribute(true)

## 12 Type Attributes:

- 13 • FlagsAttribute

## 14 Summary

15 Specifies flags that control the binding and the invocation processes conducted by  
16 reflection.

## 17 Inherits From: System.Enum

18  
19 **Library:** Reflection

## 21 Description

22 This enumeration is used by reflection classes such as `System.Reflection.Binder`,  
23 `System.Reflection.Module`, and `System.Reflection.ConstructorInfo`.  
24 `System.Reflection.BindingFlags` values are used to control binding in methods in  
25 classes that find and invoke, create, get, and set members and types.

26  
27 To specify multiple `System.Reflection.BindingFlags` values, use the bitwise 'OR'  
28 operator.

29

# 1 BindingFlags.CreateInstance Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 CreateInstance = 0x200  
5 [C#]  
6 CreateInstance = 0x200
```

## 7 Summary

8 Specifies that an instance of a type will be created.

9

# 1 BindingFlags.DeclaredOnly Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 DeclaredOnly = 0x2  
5 [C#]  
6 DeclaredOnly = 0x2
```

## 7 Summary

8 Specifies that only the members declared on a type will be searched when binding.  
9 When this field is specified, inherited members will not be searched.

10

# 1 BindingFlags.ExactBinding Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 ExactBinding = 0x10000  
5 [C#]  
6 ExactBinding = 0x10000
```

## 7 Summary

8 Specifies that, when binding to a method, the types of the arguments passed to the  
9 binder are required to be the same as the types of the corresponding parameters in the  
10 method signature.

11  
12 [*Note:* Custom binders are allowed to ignore this flag. This flag is provided as a hint for  
13 custom binders.]  
14  
15

16

# 1 BindingFlags.GetField Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 GetField = 0x400  
5 [C#]  
6 GetField = 0x400
```

## 7 Summary

8 Specifies that the value of a field will be returned.

9

# 1 BindingFlags.GetProperty Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 GetProperty = 0x1000  
  
5 [C#]  
6 GetProperty = 0x1000
```

## 7 Summary

8 Specifies that the value of a property will be returned by invoking the `get` accessor of a  
9 `System.Reflection.PropertyInfo` instance that reflects that property.

10

# 1 BindingFlags.IgnoreCase Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 IgnoreCase = 0x1  
  
5 [C#]  
6 IgnoreCase = 0x1
```

## 7 Summary

8 Specifies that a member name will be handled in a case-insensitive manner when  
9 binding.

10

# 1 BindingFlags.Instance Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 Instance = 0x4  
  
5 [C#]  
6 Instance = 0x4
```

## 7 Summary

8 Specifies that instance members will be included in the binding search.

9

# 1 BindingFlags.InvokeMethod Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 InvokeMethod = 0x100  
  
5 [C#]  
6 InvokeMethod = 0x100
```

## 7 Summary

8 Specifies that a method will be invoked.

9

# 1 BindingFlags.NonPublic Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 NonPublic = 0x20  
  
5 [C#]  
6 NonPublic = 0x20
```

## 7 Summary

8 Specifies that non-public (i.e. family and private) members will be included in the  
9 binding search if the search has the permission required to bind non-public members.

10

# 1 BindingFlags.OptionalParamBinding Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 OptionalParamBinding = 0x40000  
5 [C#]  
6 OptionalParamBinding = 0x40000
```

## 7 Summary

8 Specifies that the set of members whose parameter count matches the number of  
9 arguments supplied to the binding method are to be returned by the binding method.  
10 [*Note:* This flag is used in conjunction with methods that have parameters with default  
11 values and with methods that have variable arguments.]  
12  
13

14

# 1 BindingFlags.Public Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 Public = 0x10  
  
5 [C#]  
6 Public = 0x10
```

## 7 Summary

8 Specifies that public members will be included in the binding search.

9

# 1 BindingFlags.SetField Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 SetField = 0x800  
  
5 [C#]  
6 SetField = 0x800
```

## 7 Summary

8 Specifies that the value of a field will be set.

9

# 1 BindingFlags.SetProperty Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 SetProperty = 0x2000  
  
5 [C#]  
6 SetProperty = 0x2000
```

## 7 Summary

8 Specifies that the value of a property will be set by invoking the `set` accessor of a  
9 `System.Reflection.PropertyInfo` instance that reflects that property.

10

# 1 BindingFlags.Static Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 Static = 0x8  
  
5 [C#]  
6 Static = 0x8
```

## 7 Summary

8 Specifies that static members will be included in the binding search.

9

# 1 BindingFlags.SuppressChangeType Field

```
2 [ILAsm]  
3 .field public static literal valuetype System.Reflection.BindingFlags  
4 SuppressChangeType = 0x20000  
  
5 [C#]  
6 SuppressChangeType = 0x20000
```

## 7 Summary

8 Specifies that the system will not change the types of parameters when binding with the  
9 default binder.

10

11 [*Note:* Custom binders are allowed to ignore this flag. This flag is provided as a hint for  
12 custom binders.]

13