

1 System.Reflection.ParameterInfo Class

```
2 [ILAsm]  
3 .class public serializable ParameterInfo extends System.Object  
  
4 [C#]  
5 public class ParameterInfo
```

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 Summary

13 Provides access to parameter metadata.

14 Inherits From: System.Object

15

16 **Library:** Reflection

17

18 **Thread Safety:** This type is safe for multithreaded operations.

19

20 Permissions

Permission	Description
ReflectionPermission	Requires permission to reflect non-public members of a type in loaded assemblies. See System.Security.Permissions.ReflectionPermissionFlag.TypeInformation.

21

22

1 ParameterInfo() Constructor

```
2 [ILAsm]  
3 family rtspecialname specialname instance void .ctor()  
4 [C#]  
5 protected ParameterInfo()
```

6 Summary

7 Constructs a new instance of the System.Reflection.ParameterInfo class.

8 Description

9 This constructor is called only by classes that derive from ParameterInfo.

10

1 ParameterInfo.Attributes Property

```
2 [ILAsm]  
3 .property valuetype System.Reflection.ParameterAttributes Attributes {  
4 public hidebysig virtual specialname valuetype  
5 System.Reflection.ParameterAttributes get_Attributes() }  
  
6 [C#]  
7 public virtual ParameterAttributes Attributes { get; }
```

8 Summary

9 Gets the attributes of the parameter reflected by the current instance.

10 Property Value

11 A `System.Reflection.ParameterAttributes` value representing the attributes for the
12 parameter reflected by the current instance.

13 Behaviors

14 This property is read-only.

15

16

1 ParameterInfo.Name Property

```
2 [ILAsm]  
3 .property string Name { public hidebysig virtual specialname string  
4 get_Name() }  
  
5 [C#]  
6 public virtual string Name { get; }
```

7 Summary

8 Gets the name of the parameter reflected by the current instance.

9 Property Value

10 A `System.String` that contains the name of the parameter reflected by the current
11 instance.

12 Description

13 This property returns the name of the parameter reflected by the current instance as
14 that name is declared in the signature of the method that contains the parameter.
15 [*Note:* For example, if a method signature is `void MyMethod(object MyParm)`, the
16 `System.Reflection.ParameterInfo.Name` property value would be "MyParm".]
17
18

19 Behaviors

20 This property is read-only.
21
22

1 ParameterInfo.ParameterType Property

```
2 [ILAsm]  
3 .property class System.Type ParameterType { public hidebysig virtual  
4 specialname class System.Type get_ParameterType() }  
5 [C#]  
6 public virtual Type ParameterType { get; }
```

7 Summary

8 Gets the type of the parameter reflected by the current instance.

9 Property Value

10 The System.Type of the parameter reflected by the current instance.

11 Description

12 This property returns the type declared for the property. [*Note:* For example, if a
13 method signature is `void MyMethod(object MyParm)`, the
14 `System.Reflection.ParameterInfo.ParameterType` property value would be a
15 `System.Type` object representing the `System.Object` type.]
16
17

18 Behaviors

19 This property is read-only.
20
21