System.Reflection.ParameterInfo Class

```
[ILAsm]
.class public serializable ParameterInfo extends System.Object

[C#]
public class ParameterInfo
```

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

Provides access to parameter metadata.

Inherits From: System.Object

Library: Reflection

Thread Safety: This type is safe for multithreaded operations.

Permissions

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

ParameterInfo() Constructor

```
[ILAsm]
family rtspecialname specialname instance void .ctor()

[C#]
protected ParameterInfo()
```

Summary

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

Description

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

ParameterInfo.Attributes Property

```
[ILAsm]
.property valuetype System.Reflection.ParameterAttributes Attributes
{ public hidebysig virtual specialname valuetype
System.Reflection.ParameterAttributes get_Attributes() }


[C#]
public virtual ParameterAttributes Attributes { get; }
```

Summary

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

Property Value

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

Behaviors

This property is read-only.

ParameterInfo.Name Property

```
[ILAsm]
.property string Name { public hidebysig virtual specialname string
get_Name() }


[C#]
public virtual string Name { get; }
```

Summary

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

Property Value

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

Description

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

Behaviors

This property is read-only.

ParameterInfo.ParameterType Property

```
[ILAsm]
.property class System.Type ParameterType { public hidebysig virtual
specialname class System.Type get_ParameterType() }


[C#]
public virtual Type ParameterType { get; }
```

Summary

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

Property Value

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

Description

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

Behaviors

This property is read-only.