

# 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.