

# 1 System.ParamArrayAttribute Class

```
2 [ILAsm]  
3 .class public sealed ParamArrayAttribute extends System.Attribute  
4 [C#]  
5 public sealed class ParamArrayAttribute: Attribute
```

## 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 • AttributeUsageAttribute(AttributeTargets.Parameter, AllowMultiple=false,  
14 Inherited=true)

## 15 Summary

16 Indicates that a method allows a variable number of arguments in its invocation.

## 17 Inherits From: System.Attribute

18

19 **Library:** RuntimeInfrastructure

20

21 **Thread Safety:** All public static members of this type are safe for multithreaded operations.  
22 No instance members are guaranteed to be thread safe.

23

## 24 Description

25 This attribute can be applied to parameters. A parameter array allows the specification  
26 of an unknown number of arguments. The array is required to be a single-dimensional  
27 array that is the last parameter in a formal parameter list. It permits arguments to a  
28 method to be specified in two ways:

- 29 • A single expression of a type that is implicitly convertible to the parameter array  
30 type. The array functions as a value parameter.
- 31 • Zero or more arguments where each argument is an expression of a type that is  
32 implicitly convertible to the type of the parameter-array element.

33

# 1 ParamArrayAttribute() Constructor

```
2 [ILAsm]  
3 public rtspecialname specialname instance void .ctor()  
4 [C#]  
5 public ParamArrayAttribute()
```

## 6 Summary

7 Constructs a new instance of the `System.ParamArrayAttribute` class.

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