

# System.ParamArrayAttribute Class

```
[ILAsm]
.class public sealed ParamArrayAttribute extends System.Attribute

[C#]
public sealed class ParamArrayAttribute: Attribute
```

## 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)

## Type Attributes:

- AttributeUsageAttribute(AttributeTargets.Parameter, AllowMultiple=false, Inherited=true)

## Summary

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

## Inherits From: System.Attribute

**Library:** RuntimeInfrastructure

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

## Description

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

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

# 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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