

# System.Reflection.AmbiguousMatchException Class

```
[ILASM]
.class public sealed serializable AmbiguousMatchException
extends System.SystemException

[C#]
public sealed class AmbiguousMatchException :
SystemException
```

## Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- *Version:* 1.0.x.x
- *Attributes:*
  - CLSCompliantAttribute(true)

## Summary

Represents the error that occurs when binding to a method or retrieving custom attributes results in more than one item matching the specified criteria.

## Inherits From: System.SystemException

**Library:** Reflection

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

## Description

**System.Reflection.AmbiguousMatchException** is thrown when a search that is intended to return no more than one match, detects multiple matching items. For example, this exception is thrown when the **System.Attribute.GetCustomAttribute** methods (which return a single custom attribute), find multiple occurrences of the attribute.

# 1 **AmbiguousMatchException()** Constructor

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

## 6 **Summary**

7 Constructs and initializes a new instance of the  
8 **System.Reflection.AmbiguousMatchException** class.

## 9 **Description**

10 This constructor initializes the  
11 **System.Reflection.AmbiguousMatchException.Message** property  
12 of the new instance to a system-supplied message that describes the  
13 error, such as "Ambiguous match found." This message takes into  
14 account the current system culture.

15  
16 The  
17 **System.Reflection.AmbiguousMatchException.InnerException**  
18 property is initialized to **null**.

19

# 1 AmbiguousMatchException(System.String 2 ) Constructor

```
3 [ILASM]  
4 public rtspecialname specialname instance void .ctor(string  
5 message)  
6  
7 [C#]  
8 public AmbiguousMatchException(string message)
```

## 8 Summary

9 Constructs and initializes a new instance of the  
10 **System.Reflection.AmbiguousMatchException** class.

## 11 Parameters

12  
13

Parameter	Description
<i>message</i>	A <b>System.String</b> that describes the error. The content of <i>message</i> is intended to be understood by humans. The caller of this constructor is required to ensure that this string has been localized for the current system culture.

14

## 15 Description

16 This constructor initializes the  
17 **System.Reflection.AmbiguousMatchException.Message** property  
18 of the new instance using *message*. If *message* is **null**, the  
19 **System.Reflection.AmbiguousMatchException.Message** property  
20 is initialized to the system-supplied message provided by the  
21 constructor that takes no arguments.

22

23 The  
24 **System.Reflection.AmbiguousMatchException.InnerException**  
25 property is initialized to **null**.

26

# AmbiguousMatchException(System.String, System.Exception) Constructor

```
[ILASM]
public rtspecialname specialname instance void .ctor(string
message, class System.Exception inner)

[C#]
public AmbiguousMatchException(string message, Exception
inner)
```

## Summary

Constructs and initializes a new instance of the **System.Reflection.AmbiguousMatchException** class.

## Parameters

Parameter	Description
<i>message</i>	A <b>System.String</b> that describes the error. The content of <i>message</i> is intended to be understood by humans. The caller of this constructor is required to ensure that this string has been localized for the current system culture.
<i>inner</i>	An instance of <b>System.Exception</b> that is the cause of the current Exception. If <i>inner</i> is non-null, then the current Exception was raised in a catch block handling <i>inner</i> .

## Description

This constructor initializes the **System.Reflection.AmbiguousMatchException.Message** property of the new instance using *message*, and the **System.Reflection.AmbiguousMatchException.InnerException** property using *inner*. If *message* is **null**, the **System.Reflection.AmbiguousMatchException.Message** property is initialized to the system-supplied message provided by the constructor that takes no arguments.

[*Note:* For information on inner exceptions, see **System.Exception.InnerException**.]