

# 1 System.FormatException Class

```
2 [ILAsm]  
3 .class public serializable FormatException extends System.SystemException  
4 [C#]  
5 public class FormatException: SystemException
```

## 6 Assembly Info:

- 7 • *Name*: mscorlib
- 8 • *Public Key*: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 9 • *Version*: 2.0.x.x
- 10 • *Attributes*:
  - 11 ○ CLSCompliantAttribute(true)

## 12 Summary

13 Represents errors caused by passing incorrectly formatted arguments or invalid format  
14 specifiers to methods.

## 15 Inherits From: System.SystemException

16

17 **Library:** BCL

18

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

21

## 22 Description

23 [*Note*: System.FormatException is thrown from Parse methods when a System.String  
24 being parsed contains characters that are not valid according to the specified style  
25 (passed via the *style* parameter) or default style. System.FormatException is thrown  
26 from ToString methods when a format specifier (passed via the *format* parameter) is  
27 not a valid format for the type of the current instance.]

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# 1 FormatException() Constructor

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

## 6 Summary

7 Constructs and initializes a new instance of the `System.FormatException` class.

## 8 Description

9 This constructor initializes the `System.FormatException.Message` property of the new  
10 instance to a system-supplied message that describes the error, such as "Invalid  
11 format." This message takes into account the current system culture. The  
12 `System.FormatException.InnerException` property is initialized to null.

13

# 1 FormatException(System.String) Constructor

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

## 6 Summary

7 Constructs and initializes a new instance of the `System.FormatException` class.

## 8 Parameters

Parameter	Description
<i>message</i>	A <code>System.String</code> 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.

9

## 10 Description

11 This constructor initializes the `System.FormatException.Message` property of the new  
12 instance using *message*. If *message* is null, the `System.FormatException.Message`  
13 property is initialized to the system-supplied message provided by the constructor that  
14 takes no arguments.

15

16 The `System.FormatException.InnerException` property is initialized to null.

17

# 1 FormatException(System.String, 2 System.Exception) Constructor

```
3 [ILAsm]  
4 public rtspecialname specialname instance void .ctor(string message, class  
5 System.Exception innerException)  
  
6 [C#]  
7 public FormatException(string message, Exception innerException)
```

## 8 Summary

9 Constructs and initializes a new instance of the `System.FormatException` class.

## 10 Parameters

Parameter	Description
<i>message</i>	A <code>System.String</code> 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>innerException</i>	An instance of <code>System.Exception</code> that is the cause of the current exception. If <i>innerException</i> is non-null, then the current exception was raised in a catch block handling <i>innerException</i> .

## 11 12 Description

13 This constructor initializes the `System.FormatException.Message` property of the new  
14 instance using *message*, and the `System.FormatException.InnerException` property  
15 using *innerException*. If *message* is null, the `System.FormatException.Message`  
16 property is initialized to the system-supplied message provided by the constructor that  
17 takes no arguments.

18  
19 [Note: For information on inner exceptions, see `System.Exception.InnerException`.]  
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