

System.FormatException Class

```
[ILAsm]
.class public serializable FormatException extends System.SystemException

[C#]
public class FormatException: SystemException
```

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

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

Inherits From: System.SystemException

Library: BCL

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

Description

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

FormatException() Constructor

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

Summary

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

Description

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

FormatException(System.String) Constructor

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

Summary

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

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.

Description

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

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

FormatException(System.String, System.Exception) Constructor

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

[C#]
public FormatException(string message, Exception innerException)
```

Summary

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

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> .

Description

This constructor initializes the `System.FormatException.Message` property of the new instance using *message*, and the `System.FormatException.InnerException` property using *innerException*. If *message* is null, the `System.FormatException.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`.]