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:* 1.0.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
message	A **System.String** that describes the error. The content of *message* 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
message	A **System.String** that describes the error. The content of *message* 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.
innerException	An instance of **System.Exception** that is the cause of the current exception. If *innerException* is non-null, then the current exception was raised in a catch block handling *innerException*.

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.]