

# 1 System.IO.FileLoadException Class

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3

```
4 [ILASM]  
5 .class public serializable FileLoadException extends  
6 System.IO.IOException  
7 [C#]  
8 public class FileLoadException: IOException
```

## 9 Assembly Info:

- 10 • Name: mscorlib
- 11 • Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 12 • Version: 1.0.x.x
- 13 • Attributes:
  - 14 ○ CLSCompliantAttribute(true)

## 15 Summary

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17 Represents the error that occurs when a  
18 **System.Reflection.Assembly** file is found but cannot be loaded.

## 19 Inherits From: System.IO.IOException

20

21 **Library:** BCL

22

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

25

## 26 Description

27 [Note: The **System.IO.FileNotFoundException** exception is thrown  
28 when the file fails to load because it cannot be located. If the file is  
29 located, but cannot be loaded due to insufficient permissions, a  
30 **System.Security.SecurityException** is thrown.]

31

# 1 FileLoadException() Constructor

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

## 6 Summary

7 Constructs and initializes a new instance of the  
8 **System.IO.FileLoadException** class.

## 9 Description

10 This constructor initializes the  
11 **System.IO.FileLoadException.Message** property of the new  
12 instance to a system-supplied message that describes the error, such  
13 as "Could not load the specified file." This message takes into account  
14 the current system culture.

15  
16 The **System.IO.FileLoadException.InnerException** property and  
17 **System.IO.FileLoadException.FileName** property of the new  
18 instance are initialized to **null**.

19

# 1 FileLoadException(System.String)

## 2 Constructor

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

### 8 Summary

9 Constructs and initializes a new instance of the  
10 **System.IO.FileLoadException** class with the specified error  
11 message.

### 12 Parameters

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14

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.

15  
16

### Description

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

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The **System.IO.FileLoadException.InnerException** property and  
**System.IO.FileLoadException.FileName** property of the new  
instance are initialized to **null**.

27

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

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

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

## Summary

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

The **System.IO.FileLoadException.FileName** property of the new instance is initialized to **null**.

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

# 1 FileLoadException(System.String, 2 System.String) Constructor

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

## 8 Summary

9 Constructs and initializes a new instance of the  
10 **System.IO.FileLoadException** 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.
<i>fileName</i>	A <b>System.String</b> containing the name of the file that was not loaded.

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15

## 15 Description

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

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The **System.IO.FileLoadException.InnerException** property of the new instance is initialized to **null**.

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[*Note:* **System.IO.FileLoadException.FileName** is not required to be a file stored on disk; it can be any part of a system that supports access via streams. For example, depending on the system, this class may be able to access a physical device.]

31

# 1 FileLoadException(System.String, 2 System.String, System.Exception) 3 Constructor

```
4 [ILASM]  
5 public rtspecialname specialname instance void .ctor(string  
6 message, string fileName, class System.Exception inner)  
  
7 [C#]  
8 public FileLoadException(string message, string fileName,  
9 Exception inner)
```

## 10 Summary

11 Constructs and initializes a new instance of the  
12 **System.IO.FileLoadException** class.

## 13 Parameters

14  
15

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>fileName</i>	A <b>System.String</b> containing the name of the file that was not loaded.
<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> .

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## 17 Description

18 This constructor initializes the  
19 **System.IO.FileLoadException.Message** property of the new  
20 instance using *message*, the  
21 **System.IO.FileLoadException.InnerException** property using  
22 *inner*, and the **System.IO.FileLoadException.FileName** property  
23 using *fileName*. If *message* is **null**, the  
24 **System.IO.FileLoadException.Message** property is initialized to the  
25 system-supplied message provided by the constructor that takes no  
26 arguments.

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[Note: **System.IO.FileLoadException.FileName** is not required to be a file stored on disk; it can be any part of a system that supports access via streams. For example, depending on the system, this class may be able to access a physical device.

1 For more information on inner exceptions, see  
2 **System.Exception.InnerException.**]

3

# 1 FileLoadException.ToString() Method

```
2 [ILASM]  
3 .method public hidebysig virtual string ToString()  
4 [C#]  
5 public override string ToString()
```

## 6 Summary

7 Returns a string representation of the current exception.

## 8 Return Value

9

10 A **System.String** representation of the current exception.

## 11 Description

12 The string representation returned by this method includes the value  
13 of the **System.IO.FileLoadException.Message** property, the value  
14 of the **System.IO.FileLoadException.FileName** property, the result  
15 of calling **ToString** on the exception returned by  
16 **System.IO.FileLoadException.InnerException**, and the result of  
17 calling **System.Environment.StackTrace**. If any of these members  
18 is **null**, its value is not included in the returned string.

19

20 [*Note:* This method overrides **System.Object.ToString**.]

21

# 1 FileLoadException.FileName Property

```
2 [ILASM]
3 .property string FileName { public hidebysig specialname
4 instance string get_FileName() }
5
6 [C#]
7 public string FileName { get; }
```

## 7 Summary

8 Gets the name of the file that caused the current exception.

## 9 Property Value

10

11 A **System.String** containing the name of the file that caused the  
12 current exception.

## 13 Description

14 This property is read-only.

15

16 This property returns the name of the file supplied to the constructor  
17 for the current instance, if any. If the file name was not specified or is  
18 a null reference, this property returns **null**.

19

# 1 FileLoadException.Message Property

```
2 [ILASM]  
3 .property string Message { public hidebysig virtual  
4 specialname string get_Message() }  
5 [C#]  
6 public override string Message { get; }
```

## 7 Summary

8 Gets the error message that describes the current exception.

## 9 Property Value

10

11 A **System.String** containing a message that describes the error that  
12 caused the current exception.

## 13 Description

14 If the message supplied to the constructor for the current instance was  
15 not **null**, this property returns that message. Otherwise, this property  
16 returns a system-supplied message that includes the name of the file  
17 that was not loaded, for example, "Unable to load file a *FileName*." (a  
18 *FileName* represents the value returned by  
19 **System.IO.FileLoadException.FileName**.) If  
20 **System.IO.FileLoadException.FileName** is **null**, this is indicated in  
21 the system-supplied message as "(null)". The system-supplied  
22 message takes into account the current system culture.

23

24 This property is read-only.

25

26 [*Note:* This property overrides **System.Exception.Message**.]

27