

# 1 System.IO.FileLoadException Class

```
2 [ILAsm]  
3 .class public serializable FileLoadException extends System.IO.IOException  
4 [C#]  
5 public class FileLoadException: IOException
```

## 6 Assembly Info:

- 7 • *Name:* mscorlib
- 8 • *Public Key:* [00 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 the error that occurs when a `System.Reflection.Assembly` file is found but  
14 cannot be loaded.

## 15 Inherits From: System.IO.IOException

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:* The `System.IO.FileNotFoundException` exception is thrown when the file fails  
24 to load because it cannot be located. If the file is located, but cannot be loaded due to  
25 insufficient permissions, a `System.Security.SecurityException` is thrown.]

26

27

28

# 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 `System.IO.FileLoadException` class.

## 8 Description

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

13 The `System.IO.FileLoadException.InnerException` property and  
14 `System.IO.FileLoadException.FileName` property of the new instance are initialized to  
15 null.  
16

# 1 FileLoadException(System.String)

## 2 Constructor

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

### 7 Summary

8 Constructs and initializes a new instance of the `System.IO.FileLoadException` class  
9 with the specified error message.

### 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.

### 11 12 Description

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

17  
18 The `System.IO.FileLoadException.InnerException` property and  
19 `System.IO.FileLoadException.FileName` property of the new instance are initialized to  
20 null.

21

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

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

## 8 Summary

9 Constructs and initializes a new instance of the `System.IO.FileLoadException` 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>inner</i>	An instance of <code>System.Exception</code> 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> .

## 11 12 Description

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

18  
19 The `System.IO.FileLoadException.FileName` property of the new instance is initialized  
20 to null.

21  
22 [Note: For more information on inner exceptions, see  
23 `System.Exception.InnerException`.]  
24  
25  
26

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

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

## 8 Summary

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

11

## 12 Description

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

18

19 The `System.IO.FileLoadException.InnerException` property of the new instance is  
20 initialized to null.

21

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

25

26 ]

27

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

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

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

## Summary

Constructs and initializes a new instance of the `System.IO.FileLoadException` 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>fileName</i>	A <code>System.String</code> containing the name of the file that was not loaded.
<i>inner</i>	An instance of <code>System.Exception</code> 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*, the `System.IO.FileLoadException.InnerException` property using *inner*, and the `System.IO.FileLoadException.FileName` property using *fileName*. 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.

[*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 might be able to access a physical device.

For more information on inner exceptions, see `System.Exception.InnerException`.

]

# 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 A `System.String` representation of the current exception.

## 10 Description

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

17  
18 [*Note:* This method overrides `System.Object.ToString`.]  
19  
20

21

# 1 FileLoadException.FileName Property

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

## 7 Summary

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

## 9 Property Value

10 A System.String containing the name of the file that caused the current exception.

## 11 Description

12 This property is read-only.

13

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

17

# 1 FileLoadException.Message Property

```
2 [ILAsm]  
3 .property string Message { public hidebysig virtual specialname string  
4 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 A `System.String` containing a message that describes the error that caused the current  
11 exception.

## 12 Description

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

21  
22 This property is read-only.

23  
24 [*Note:* This property overrides `System.Exception.Message`.]  
25  
26

27