

1 System.Security.SecurityException Class

2
3

```
4 [ILASM]  
5 .class public serializable SecurityException extends  
6 System.SystemException  
  
7 [C#]  
8 public class SecurityException: SystemException
```

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

16

17 Represents the error that occurs when an application does not have
18 the permissions required to access a resource or perform a secured
19 operation.

20 Inherits From: System.SystemException

21

22 **Library:** BCL

23

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

26

27 Description

28 [Note: For more information about permissions and security, see
29 Partition V of the CLI specification.

30

31 The following IL instructions throw
32 **System.Security.SecurityException:**

- 33 • call
- 34 • calli
- 35 • callvirt
- 36]

37

1 **SecurityException()** Constructor

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

6 **Summary**

7 Constructs and initializes a new instance of the
8 **System.Security.SecurityException** class.

9 **Description**

10 This constructor initializes the
11 **System.Security.SecurityException.Message** property of the new
12 instance to a system-supplied message that describes the error, such
13 as "A security violation has occurred." This message takes into account
14 the current system culture.

15
16 The **System.Security.SecurityException.InnerException** property
17 of the new instance is initialized to **null**.

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1 SecurityException(System.String)

2 Constructor

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

8 Summary

9 Constructs and initializes a new instance of the
10 **System.Security.SecurityException** class.

11 Parameters

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13

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

14

15 Description

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

22

23 The **System.Security.SecurityException.InnerException** property
24 of the new instance is initialized to **null**.

25

1 SecurityException(System.String, 2 System.Exception) Constructor

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

8 Summary

9 Constructs and initializes a new instance of the
10 **System.Security.SecurityException** class.

11 Parameters

12
13

Parameter	Description
<i>message</i>	A System.String 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 System.Security.SecurityException 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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Description

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

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

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