

1 System.Security.SecurityException Class

```
2 [ILAsm]  
3 .class public serializable SecurityException extends  
4 System.SystemException  
  
5 [C#]  
6 public class SecurityException: SystemException
```

7 Assembly Info:

- 8 • *Name:* mscorlib
- 9 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 10 • *Version:* 2.0.x.x
- 11 • *Attributes:*
 - 12 ○ CLSCompliantAttribute(true)

13 Summary

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

16 Inherits From: System.SystemException

17

18 **Library:** BCL

19

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

22

23 Description

24 [*Note:* For more information about permissions and security, see Partition V of the CLI
25 specification.

26

27 The following CIL instructions throw `System.Security.SecurityException`:

- 28 • `call`
- 29 • `calli`
- 30 • `callvirt`

31]

32

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 `System.Security.SecurityException`
8 class.

9 Description

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

14
15 The `System.Security.SecurityException.InnerException` property of the new
16 instance is initialized to null.

17

1 SecurityException(System.String)

2 Constructor

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

7 Summary

8 Constructs and initializes a new instance of the `System.Security.SecurityException`
9 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.

11 12 Description

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

17
18 The `System.Security.SecurityException.InnerException` property of the new
19 instance is initialized to null.

20

1 SecurityException(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 SecurityException(string message, Exception inner)
```

8 Summary

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

11 Parameters

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> .

12 13 Description

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

20
21 [Note: For more information on inner exceptions, see
22 System.Exception.InnerException.]
23
24

25