

System.Security.SecurityException Class

```
[ILASM]
.class public serializable SecurityException extends
System.SystemException

[C#]
public class SecurityException: SystemException
```

Assembly Info:

- Name: mscorlib
- Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- Version: 1.0.x.x
- Attributes:
 - CLSCompliantAttribute(true)

Summary

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

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

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

- call
 - calli
 - callvirt
-]

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**.

18

1 **SecurityException(System.String)**

2 **Constructor**

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

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.

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

SecurityException(System.String, System.Exception) Constructor

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

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

Summary

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

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> .

Description

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

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