

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 00]
- *Version:* 2.0.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 CIL instructions throw `System.Security.SecurityException`:

- `call`
- `calli`
- `callvirt`

]

SecurityException() Constructor

```
[ILAsm]  
public rtspecialname specialname instance void .ctor()  
  
[C#]  
public SecurityException()
```

Summary

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

Description

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

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

SecurityException(System.String)

Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message)

[C#]
public SecurityException(string message)
```

Summary

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

Description

This constructor initializes the `System.Security.SecurityException.Message` property of the new instance using *message*. 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.

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

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 <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.Security.SecurityException</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.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`.]