

# 1 System.Threading.SynchronizationLockException 2 ion Class

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

## 8 Assembly Info:

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

## 14 Summary

15 Represents the error that occurs when a method requires the caller to own the lock on a  
16 given `System.Threading.Monitor`, and the method is invoked by a caller that does not  
17 own that lock.

## 18 Inherits From: System.SystemException

19

20 **Library:** BCL

21

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

24

## 25 Description

26 `System.Threading.SynchronizationLockException` is thrown if the  
27 `System.Threading.Monitor.Pulse`, `System.Threading.Monitor.PulseAll`, or  
28 `System.Threading.Monitor.Wait` methods are invoked for a specified object, but the  
29 caller does not own the lock on that  
30 object.`System.Threading.SynchronizationLockException` is also thrown when the  
31 `System.Threading.Monitor.Exit` method is called to release the lock on an object, but  
32 the caller does not own the lock on that object.

33

34 To acquire the lock on an object, use `System.Threading.Monitor.Enter`. To release the  
35 lock on an object, use `System.Threading.Monitor.Exit`.

36

# 1 SynchronizationLockException() Constructor

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

## 6 Summary

7 Constructs and initializes a new instance of the  
8 System.Threading.SynchronizationLockException class.

## 9 Description

10 This constructor initializes the  
11 System.Threading.SynchronizationLockException.Message property of the new  
12 instance to a system-supplied message that describes the error, such as  
13 "Synchronization method was invoked from an unsynchronized block of code." This  
14 message takes into account the current system culture.

15  
16 The System.Threading.SynchronizationLockException.InnerException property is  
17 initialized to null.

18

# SynchronizationLockException(System.String) Constructor

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

## Summary

Constructs and initializes a new instance of the `System.Threading.SynchronizationLockException` 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.Threading.SynchronizationLockException.Message` property of the new instance using *message*. If *message* is null, the `System.Threading.SynchronizationLockException.Message` property is initialized to the system-supplied message provided by the constructor that takes no arguments.

The `System.Threading.SynchronizationLockException.InnerException` property is initialized to null.

22

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

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

[C#]
public SynchronizationLockException(string message, Exception
innerException)
```

## Summary

Constructs and initializes a new instance of the `System.Threading.SynchronizationLockException` 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>innerException</i>	An instance of <code>System.Exception</code> that is the cause of the current exception. If <i>innerException</i> is non-null, then the current <code>Exception</code> was raised in a catch block handling <i>innerException</i> .

## Description

This constructor initializes the `System.Threading.SynchronizationLockException.Message` property of the new instance using *message* and the `System.Threading.SynchronizationLockException.InnerException` property using *innerException*. If *message* is null, the `System.Threading.SynchronizationLockException.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`.]