System.Threading.SynchronizationLockException Class

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

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

Assembly Info:

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

Summary

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

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

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

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

SynchronizationLockException() Constructor

```
[ILASM]
public rtspecialname specialname instance void .ctor()

[C#]
public SynchronizationLockException()
```

Summary

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

Description

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

The **System.Threading.SynchronizationLockException.InnerExceptio n** property is initialized to **null**.

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
message	A **System.String** that describes the error. The content of *message* 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.InnerExceptio
n** property is initialized to **null**.

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
message	A **System.String** that describes the error. The content of *message* 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.
innerException	An instance of **System.Exception** that is the cause of the current exception. If *innerException* is non-null, then the current Exception was raised in a catch block handling *innerException*.

Description

This constructor initializes the
System.Threading.SynchronizationLockException.Message
property of the new instance using *message* and the
**System.Threading.SynchronizationLockException.InnerExceptio
n** 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.]