

# System.UnauthorizedAccessException Class

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

[C#]
public class UnauthorizedAccessException: 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 I/O operation cannot be performed because of incompatible file access levels.

## 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.UnauthorizedAccessException** is typically thrown when a request is made to write to a read-only file, or a file I/O operation is requested on a directory.

# 1 UnauthorizedAccessException() 2 Constructor

```
3 [ILASM]  
4 public rtspecialname specialname instance void .ctor()  
  
5 [C#]  
6 public UnauthorizedAccessException()
```

## 7 Summary

8 Constructs and initializes a new instance of the  
9 **System.UnauthorizedAccessException** class.

## 10 Description

11 This constructor initializes the  
12 **System.UnauthorizedAccessException.Message** property of the  
13 new instance to a system-supplied message that describes the error,  
14 such as "Attempted to perform an unauthorized operation." This  
15 message takes into account the current system culture.

16  
17 The **System.UnauthorizedAccessException.InnerException**  
18 property of the new instance is initialized to **null**.

19

# UnauthorizedAccessException(System.String) Constructor

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

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

## Summary

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

## Parameters

Parameter	Description
<i>message</i>	A <b>System.String</b> 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.UnauthorizedAccessException.Message** property of the new instance using *message*. If *message* is **null**, the **System.UnauthorizedAccessException.Message** property is initialized to the system-supplied message provided by the constructor that takes no arguments.

The **System.UnauthorizedAccessException.InnerException** property of the new instance is initialized to **null**.

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

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

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

## Summary

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

## Parameters

Parameter	Description
<i>message</i>	A <b>System.String</b> 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 <b>System.Exception</b> 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.UnauthorizedAccessException.Message** property of the new instance using *message* and the **System.UnauthorizedAccessException.InnerException** property using *inner*. If *message* is **null**, the **System.UnauthorizedAccessException.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**.]