

1 System.UnauthorizedAccessException Class

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

7 Assembly Info:

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

13 Summary

14 Represents the error that occurs when an I/O operation cannot be performed because of
15 incompatible file access levels.

16 Inherits From: System.SystemException

17

18 **Library:** BCL

19

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

22

23 Description

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

26

1 UnauthorizedAccessException() Constructor

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

6 Summary

7 Constructs and initializes a new instance of the `System.UnauthorizedAccessException`
8 class.

9 Description

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

14
15 The `System.UnauthorizedAccessException.InnerException` property of the new
16 instance is initialized to `null`.

17

1
2 **UnauthorizedAccessException(System.String)**
3 **Constructor**

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

8 **Summary**

9 Constructs and initializes a new instance of the `System.UnauthorizedAccessException`
10 class.

11 **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.

12
13 **Description**

14 This constructor initializes the `System.UnauthorizedAccessException.Message`
15 property of the new instance using *message*. If *message* is null, the
16 `System.UnauthorizedAccessException.Message` property is initialized to the system-
17 supplied message provided by the constructor that takes no arguments.

18
19 The `System.UnauthorizedAccessException.InnerException` property of the new
20 instance is initialized to null.

21

1 UnauthorizedAccessException(System.String, 2 System.Exception) Constructor

```
3 [ILAsm]  
4 public rtspecialname specialname instance void .ctor(string message, class  
5 System.Exception inner)  
  
6 [C#]  
7 public UnauthorizedAccessException(string message, Exception inner)
```

8 Summary

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

11 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.Exception 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> .

12 13 Description

14 This constructor initializes the System.UnauthorizedAccessException.Message
15 property of the new instance using *message* and the
16 System.UnauthorizedAccessException.InnerException property using *inner*. If
17 *message* is null, the System.UnauthorizedAccessException.Message property is
18 initialized to the system-supplied message provided by the constructor that takes no
19 arguments.

20
21 [Note: For more information on inner exceptions, see
22 System.Exception.InnerException.]
23
24

25