

1 System.UnauthorizedAccessException

2 Class

3
4

```
5 [ILASM]  
6 .class public serializable UnauthorizedAccessException  
7 extends System.SystemException  
  
8 [C#]  
9 public class UnauthorizedAccessException: SystemException
```

10 Assembly Info:

- 11 • *Name:* mscorlib
- 12 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 13 • *Version:* 1.0.x.x
- 14 • *Attributes:*
 - 15 ○ CLSCompliantAttribute(true)

16 Summary

17

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

20 Inherits From: System.SystemException

21

22 **Library:** BCL

23

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

26

27 Description

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

31

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

1 UnauthorizedAccessException(System.String) Constructor

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

8 Summary

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

11 Parameters

12
13

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.

14
15

15 Description

16 This constructor initializes the
17 **System.UnauthorizedAccessException.Message** property of the
18 new instance using *message*. If *message* is **null**, the
19 **System.UnauthorizedAccessException.Message** property is
20 initialized to the system-supplied message provided by the constructor
21 that takes no arguments.
22

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

25

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

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

9 Summary

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

12 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> .

16 Description

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

26 [Note: For more information on inner exceptions, see
27 **System.Exception.InnerException**.]