System.MemberAccessException Class

```
[ILAsm]
.class public serializable MemberAccessException extends
System.SystemException

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

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
  - o CLSCompliantAttribute(true)

Summary

System.MemberAccessException is the base class for exceptions that occurs when an attempt to locate or access a type member fails.

Inherits From: System.SystemException

Library: RuntimeInfrastructure

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

Description

[*Note:* System.MemberAccessException exceptions are typically thrown by the system when members in a class library have been changed or removed, and an assembly that references the class library has not been recompiled.

The Base Class Library includes the following derived types:

- System.FieldAccessException

- System.MethodAccessException

- System.MissingMemberException

When appropriate, use these types instead of System.MemberAccessException.

]

MemberAccessException() Constructor

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

[C#]
public MemberAccessException()
```

Summary

Constructs and initializes a new instance of the System.MemberAccessException class.

Description

This constructor initializes the System.MemberAccessException.Message property of the new instance to a system-supplied message that describes the error, such as "Cannot access member." This message takes into account the current system culture.

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

1 MemberAccessException(System.String)
2 Constructor

3
```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message)

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

7 **Summary**

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

9 **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.

10
11 **Description**

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

19

MemberAccessException(System.String, System.Exception) Constructor

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

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

Summary

Constructs and initializes a new instance of the System.MemberAccessException 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.
inner	An instance of System.Exception that is the cause of the current exception. If *inner* is not a null reference, then the current System.Exception was raised in a catch block handling *inner*.

Description

This constructor initializes the System.MemberAccessException.Message property of the new instance using *message* and the System.MemberAccessException.InnerException property using *inner*. If *message* is null, the System.MemberAccessException.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.]