

1 System.MissingMethodException Class

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

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 there is an attempt to dynamically access a
15 method that does not exist.

16 Inherits From: System.MissingMemberException

17

18 **Library:** RuntimeInfrastructure

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 Normally a compilation error is generated if code attempts to access a nonexistent
25 method of a class. `System.MissingMethodException` is designed to handle cases where
26 an attempt is made to dynamically access a renamed or deleted method of an assembly
27 that is not referenced by its strong name. The `System.MissingMethodException` is
28 thrown when code in a dependent assembly attempts to access a missing method in an
29 assembly that was modified.

30

31 [*Note:* The following CIL instructions throw `System.MissingMethodException`:

- 32 • `callvirt`
- 33 • `newobj`

34]

35

1 MissingMethodException() Constructor

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

6 Summary

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

8 Description

9 This constructor initializes the `System.MissingMethodException.Message` property of
10 the new instance to a system-supplied message that describes the error, such as
11 "Attempted to access a missing method." This message takes into account the current
12 system culture.

13
14 The `System.MissingMethodException.InnerException` property of the new instance is
15 initialized to null.

16

1 MissingMethodException(System.String)

2 Constructor

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

7 Summary

8 Constructs and initializes a new instance of the `System.MissingMethodException` class
9 with a specified error message.

10 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.

11 12 Description

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

17
18 The `System.MissingMethodException.InnerException` property of the new instance is
19 initialized to null.

20

1 MissingMethodException(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 MissingMethodException(string message, Exception inner)
```

8 Summary

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

10 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 not a null reference, the current exception was raised in a catch block handling <i>inner</i> .

11

12 Description

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

19 [Note: For more information on inner exceptions, see
20 System.Exception.InnerException.]

21