

System.MissingMethodException Class

```
[ILAsm]
.class public serializable MissingMethodException extends
System.MissingMemberException

[C#]
public class MissingMethodException: MissingMemberException
```

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:*
 - CLSCompliantAttribute(true)

Summary

Represents the error that occurs when there is an attempt to dynamically access a method that does not exist.

Inherits From: System.MissingMemberException

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

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

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

- `callvirt`
- `newobj`

]

MissingMethodException() Constructor

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

Summary

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

Description

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

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

MissingMethodException(System.String)

Constructor

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

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

Summary

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

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. |

Description

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

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

MissingMethodException(System.String, System.Exception) Constructor

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

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

Summary

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

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. |
| <i>inner</i> | An instance of <code>System.Exception</code> 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> . |

Description

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