

# System.MissingMemberException Class

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

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

## 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 class member that does not exist.

## Inherits From: System.MemberAccessException

**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 member of a class. `System.MissingMemberException` is designed to handle cases where an attempt is made to dynamically access a renamed or deleted member of an assembly that is not referenced by its strong name. The `System.MissingMemberException` is thrown when code in a dependent assembly attempts to access a missing member in an assembly that was modified.

[*Note:* The Base Class Library includes the following derived types:

- `System.MissingFieldException`
- `System.MissingMethodException`

```
1  When appropriate, use these types instead of System.MissingMemberException.
2
3  ]
4
```

# MissingMemberException() Constructor

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

## Summary

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

## Description

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

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

# MissingMemberException(System.String) Constructor

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

## Summary

Constructs and initializes a new instance of the `System.MissingMemberException` 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.

## Description

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

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

# MissingMemberException(System.String, System.Exception) Constructor

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

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

## Summary

Constructs and initializes a new instance of the `System.MissingMemberException` 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.MissingMemberException.Message` property of the new instance using *message* and the `System.MissingMemberException.InnerException` property using *inner*. If *message* is null, the `System.MissingMemberException.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`.]