System.MissingFieldException Class

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

[C#]
public class MissingFieldException: 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 field 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 member of a class. System.MissingFieldException is designed to handle cases where an attempt is made to dynamically access a renamed or deleted field of an assembly that is not referenced by its strong name. The System.MissingFieldException is thrown when code in a dependent assembly attempts to access a missing field in an assembly that was modified.

[*Note:* The following CIL instructions throw System.MissingFieldException:

- ldfld

- ldflda

- ldsflda

- stfld

- stsfld

1   ]

2

MissingFieldException() Constructor

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

[C#]
public MissingFieldException()
```

Summary

Constructs and initializes new instance of the System.MissingFieldException class.

Description

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

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

1 MissingFieldException(System.String)
2 Constructor

3
4
```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message)
```

5
6
```
[C#]
public MissingFieldException(string message)
```

7 **Summary**

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

19

MissingFieldException(System.String, System.Exception) Constructor

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

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

Summary

Constructs and initializes a new instance of the `System.MissingFieldException` 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, the current exception was raised in a catch block handling *inner*.

Description

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