

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]
- *Version:* 1.0.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 IL instructions throw **System.MissingFieldException**:

- `ldfld`
- `ldflda`
- `ldsflda`

- 1 • stfld
- 2 • stsfld
- 3]
- 4

1 MissingFieldException() Constructor

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

6 Summary

7 Constructs and initializes new instance of the
8 **System.MissingFieldException** class.

9 Description

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

15
16 The **System.MissingFieldException.InnerException** property of
17 the new instance is initialized to **null**.

18

1 MissingFieldException(System.String)

2 Constructor

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

8 Summary

9 Constructs and initializes a new instance of the
10 **System.MissingFieldException** class.

11 Parameters

12
13

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.

14

15 Description

16 This constructor initializes the
17 **System.MissingFieldException.Message** property of the new
18 instance using *message*. If *message* is **null**, the
19 **System.MissingFieldException.Message** property is initialized to
20 the system-supplied message provided by the constructor that takes
21 no arguments.

22

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

25

1 MissingFieldException(System.String, 2 System.Exception) Constructor

```
3 [ILASM]  
4 public rtspecialname specialname instance void .ctor(string  
5 message, class System.Exception inner)  
  
6 [C#]  
7 public MissingFieldException(string message, Exception  
8 inner)
```

9 Summary

10 Constructs and initializes a new instance of the
11 **System.MissingFieldException** class.

12 Parameters

13
14

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> .

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16 Description

17 This constructor initializes the
18 **System.MissingFieldException.Message** property of the new
19 instance using *message* and the
20 **System.MissingFieldException.InnerException** property using
21 *inner*. If *message* is **null**, the
22 **System.MissingFieldException.Message** property is initialized to
23 the system-supplied message provided by the constructor that takes
24 no arguments.

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

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