

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`

```
1      .  stfld
2      .  stsfld
3  ]
4
```

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.

MissingFieldException(System.String) Constructor

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

Summary

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

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

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
<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.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`.]