

1 System.Reflection.TargetInvocationException

2 Class

```
3 [ILAsm]  
4 .class public sealed serializable TargetInvocationException extends  
5 System.ApplicationException  
  
6 [C#]  
7 public sealed class TargetInvocationException: ApplicationException
```

8 Assembly Info:

- 9 • *Name:* mscorlib
- 10 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 11 • *Version:* 2.0.x.x
- 12 • *Attributes:*
 - 13 ○ CLSCompliantAttribute(true)

14 Summary

15 Represents the error that occurs when a method invoked via reflection throws an
16 exception.

17 Inherits From: System.ApplicationException

18

19 **Library:** Reflection

20

21 **Thread Safety:** All public static members of this type are safe for multithreaded operations.
22 No instance members are guaranteed to be thread safe.

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24 Description

25 The `TargetInvocationException` constructors are passed a reference to the exception
26 thrown by the invoked method. [*Note:* The
27 `System.Reflection.TargetInvocationException.InnerException` property inherited
28 from `System.Exception` holds the exception.]

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2 **TargetInvocationException(System.Exception**
3 **) Constructor**

```
4 [ILAsm]  
5 public rtspecialname specialname instance void .ctor(class  
6 System.Exception inner)  
  
7 [C#]  
8 public TargetInvocationException(Exception inner)
```

9 **Summary**

10 Constructs and initializes a new instance of the
11 System.Reflection.TargetInvocationException class.

12 **Parameters**

Parameter	Description
<i>inner</i>	The System.Exception that is the cause of the current exception. If the <i>inner</i> parameter is not null, the current exception was raised as a result of the inner exception being thrown by a method invoked via reflection.

13
14 **Description**

15 This constructor initializes the
16 System.Reflection.TargetInvocationException.Message property of the new
17 instance to a system-supplied message that describes the error, such as "Exception has
18 been thrown by the target of an invocation." This message takes into account the
19 current system culture.

20

TargetInvocationException(System.String, System.Exception) Constructor

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

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

Summary

Constructs and initializes a new instance of the System.Reflection.TargetInvocationException class.

Parameters

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>	The System.Exception that is the cause of the current exception. If <i>inner</i> is not null, the current exception was raised as a result of <i>inner</i> being thrown by a method invoked via reflection.

Description

This constructor initializes the System.Reflection.TargetInvocationException.Message property of the new instance using *message*, and the System.Reflection.TargetInvocationException.InnerException property using *inner*. If *message* is null, the System.Reflection.TargetInvocationException.Message property is initialized to a system-supplied message that describes the error, such as "Exception has been thrown by the target of an invocation." This message takes into account the current system culture.

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