

System.Reflection.TargetInvocationException Class

```
[ILASM]
.class public sealed serializable TargetInvocationException
extends System.ApplicationException

[C#]
public sealed class TargetInvocationException:
ApplicationException
```

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 a method invoked via reflection throws an exception.

Inherits From: System.ApplicationException

Library: Reflection

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

Description

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

1 TargetInvocationException(System.Exception) 2 tion) Constructor

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

8 Summary

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

11 Parameters

12
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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.

14

15 Description

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

22

1 TargetInvocationException(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 TargetInvocationException(string message, Exception  
8 inner)
```

9 Summary

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

12 Parameters

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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.

15

16 Description

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

26

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

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