

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:* 2.0.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.]

TargetInvocationException(System.Exception) Constructor

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

[C#]
public TargetInvocationException(Exception inner)
```

Summary

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

Parameters

Parameter	Description
<i>inner</i>	The <code>System.Exception</code> 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.

Description

This constructor initializes the `System.Reflection.TargetInvocationException.Message` property of the new instance 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.

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 <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>	The <code>System.Exception</code> 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`.]