

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.]

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 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. |

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 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**.]