

# System.Reflection.TargetException Class

```
[ILASM]
.class public serializable TargetException extends
System.ApplicationException

[C#]
public class TargetException: 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 an attempt is made to invoke a member on an invalid target.

## 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

[*Note:* A **System.Reflection.TargetException** is thrown when an attempt is made to invoke a non-static method using a **null** object. This exception can also be thrown if the target does not implement the member.]

# 1 TargetException() Constructor

```
2 [ILASM]  
3 public rtspecialname specialname instance void .ctor()  
4  
5 [C#]  
6 public TargetException()
```

## 6 Summary

7 Constructs and initializes a new instance of the  
8 **System.Reflection.TargetException** class.

## 9 Description

10 This constructor initializes the  
11 **System.Reflection.TargetException.Message** property of the new  
12 instance to a system-supplied message that describes the error, such  
13 as "Instance method cannot be invoked on a null target." This  
14 message takes into account the current system culture.

15  
16 The **System.Reflection.TargetException.InnerException** property  
17 of the new instance is initialized to **null**.

18

# 1 TargetException(System.String)

## 2 Constructor

```
3 [ILASM]
4 public rtspecialname specialname instance void .ctor(string
5 message)
6
7 [C#]
8 public TargetException(string message)
```

### 8 Summary

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

### 11 Parameters

12  
13

Parameter	Description
<i>message</i>	A <b>System.String</b> 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.

14

### 15 Description

16 This constructor initializes the  
17 **System.Reflection.TargetException.Message** property of the new  
18 instance using *message*. If *message* is **null**, the  
19 **System.Reflection.TargetException.Message** property is initialized  
20 to the system-supplied message provided by the constructor that  
21 takes no arguments.

22

23 The **System.Reflection.TargetException.InnerException** property  
24 is initialized to **null**.

25

# TargetException(System.String, System.Exception) Constructor

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

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

## Summary

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

## Parameters

Parameter	Description
<i>message</i>	A <b>System.String</b> 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 <b>System.Exception</b> that is the cause of the current Exception. If <i>inner</i> is non-null, then the current Exception was raised in a catch block handling <i>inner</i> .

## Description

This constructor initializes the **System.Reflection.TargetException.Message** property of the new instance using *message*, and the **System.Reflection.TargetException.InnerException** property using *inner*. If *message* is **null**, the **System.Reflection.TargetException.Message** property is initialized to the system-supplied message provided by the constructor that takes no arguments.

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