

System.Reflection.TargetException Class

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```
[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 [C#]  
5 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 [C#]  
7 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 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.

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

1 TargetException(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 TargetException(string message, Exception inner)
```

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 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>	An instance of System.Exception 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> .

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Description

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

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

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