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 00]
- *Version:* 2.0.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.]

TargetException() Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor()

[C#]
public TargetException()
```

Summary

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

Description

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

The `System.Reflection.TargetException.InnerException` property of the new instance is initialized to `null`.

1   TargetException(System.String) Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor(string message)


[C#]
public TargetException(string message)
```

6   Summary

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

9   Parameters

Parameter	Description
message	A `System.String` that describes the error. The content of *message* 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.

10

11   Description

12   This constructor initializes the `System.Reflection.TargetException.Message` property
13   of the new instance using *message*. If *message* is `null`, the
14   `System.Reflection.TargetException.Message` property is initialized to the system-
15   supplied message provided by the constructor that takes no arguments.
16
17   The `System.Reflection.TargetException.InnerException` property is initialized to
18   `null`.

19

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
message	A `System.String` that describes the error. The content of *message* 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.
inner	An instance of `System.Exception` that is the cause of the current Exception. If *inner* is non-null, then the current Exception was raised in a catch block handling *inner*.

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`.]