| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/InvocationTargetException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/lang/reflect/InvocationHandler.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/MalformedParameterizedTypeException.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/InvocationTargetException.html)    [**NO FRAMES**](http://docs.google.com/InvocationTargetException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#3rdcrjn) |

## **java.lang.reflect**

Class InvocationTargetException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 **java.lang.reflect.InvocationTargetException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **InvocationTargetException**extends [Exception](http://docs.google.com/java/lang/Exception.html)

InvocationTargetException is a checked exception that wraps an exception thrown by an invoked method or constructor.

As of release 1.4, this exception has been retrofitted to conform to the general purpose exception-chaining mechanism. The "target exception" that is provided at construction time and accessed via the [getTargetException()](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#getTargetException()) method is now known as the *cause*, and may be accessed via the [Throwable.getCause()](http://docs.google.com/java/lang/Throwable.html#getCause()) method, as well as the aforementioned "legacy method."

**See Also:**[Method](http://docs.google.com/java/lang/reflect/Method.html), [Constructor](http://docs.google.com/java/lang/reflect/Constructor.html), [Serialized Form](http://docs.google.com/serialized-form.html#java.lang.reflect.InvocationTargetException)

| **Constructor Summary** | |
| --- | --- |
| protected | [**InvocationTargetException**](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#InvocationTargetException())()            Constructs an InvocationTargetException with null as the target exception. |
|  | [**InvocationTargetException**](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#InvocationTargetException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) target)            Constructs a InvocationTargetException with a target exception. |
|  | [**InvocationTargetException**](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#InvocationTargetException(java.lang.Throwable,%20java.lang.String))([Throwable](http://docs.google.com/java/lang/Throwable.html) target, [String](http://docs.google.com/java/lang/String.html) s)            Constructs a InvocationTargetException with a target exception and a detail message. |

| **Method Summary** | |
| --- | --- |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getCause**](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#getCause())()            Returns the cause of this exception (the thrown target exception, which may be null). |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getTargetException**](http://docs.google.com/java/lang/reflect/InvocationTargetException.html#getTargetException())()            Get the thrown target exception. |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### InvocationTargetException

protected **InvocationTargetException**()

Constructs an InvocationTargetException with null as the target exception.

### InvocationTargetException

public **InvocationTargetException**([Throwable](http://docs.google.com/java/lang/Throwable.html) target)

Constructs a InvocationTargetException with a target exception.

**Parameters:**target - the target exception

### InvocationTargetException

public **InvocationTargetException**([Throwable](http://docs.google.com/java/lang/Throwable.html) target,  
 [String](http://docs.google.com/java/lang/String.html) s)

Constructs a InvocationTargetException with a target exception and a detail message.

**Parameters:**target - the target exceptions - the detail message

| **Method Detail** |
| --- |

### getTargetException

public [Throwable](http://docs.google.com/java/lang/Throwable.html) **getTargetException**()

Get the thrown target exception.

This method predates the general-purpose exception chaining facility. The [Throwable.getCause()](http://docs.google.com/java/lang/Throwable.html#getCause()) method is now the preferred means of obtaining this information.

**Returns:**the thrown target exception (cause of this exception).

### getCause

public [Throwable](http://docs.google.com/java/lang/Throwable.html) **getCause**()

Returns the cause of this exception (the thrown target exception, which may be null).

**Overrides:**[getCause](http://docs.google.com/java/lang/Throwable.html#getCause()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**the cause of this exception.**Since:** 1.4

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/InvocationTargetException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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