| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WriteAbortedException.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/io/UTFDataFormatException.html)   [**NEXT CLASS**](http://docs.google.com/java/io/Writer.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/WriteAbortedException.html)    [**NO FRAMES**](http://docs.google.com/WriteAbortedException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **java.io**

Class WriteAbortedException

[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.io.IOException](http://docs.google.com/java/io/IOException.html)  
 [java.io.ObjectStreamException](http://docs.google.com/java/io/ObjectStreamException.html)  
 **java.io.WriteAbortedException**

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

public class **WriteAbortedException**extends [ObjectStreamException](http://docs.google.com/java/io/ObjectStreamException.html)

Signals that one of the ObjectStreamExceptions was thrown during a write operation. Thrown during a read operation when one of the ObjectStreamExceptions was thrown during a write operation. The exception that terminated the write can be found in the detail field. The stream is reset to it's initial state and all references to objects already deserialized are discarded.

As of release 1.4, this exception has been retrofitted to conform to the general purpose exception-chaining mechanism. The "exception causing the abort" that is provided at construction time and accessed via the public [detail](http://docs.google.com/java/io/WriteAbortedException.html#detail) field 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 field."

**Since:** JDK1.1 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.io.WriteAbortedException)

| **Field Summary** | |
| --- | --- |
| [Exception](http://docs.google.com/java/lang/Exception.html) | [**detail**](http://docs.google.com/java/io/WriteAbortedException.html#detail)            Exception that was caught while writing the ObjectStream. |

| **Constructor Summary** | |
| --- | --- |
| [**WriteAbortedException**](http://docs.google.com/java/io/WriteAbortedException.html#WriteAbortedException(java.lang.String,%20java.lang.Exception))([String](http://docs.google.com/java/lang/String.html) s, [Exception](http://docs.google.com/java/lang/Exception.html) ex)            Constructs a WriteAbortedException with a string describing the exception and the exception causing the abort. |

| **Method Summary** | |
| --- | --- |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getCause**](http://docs.google.com/java/io/WriteAbortedException.html#getCause())()            Returns the exception that terminated the operation (the *cause*). |
| [String](http://docs.google.com/java/lang/String.html) | [**getMessage**](http://docs.google.com/java/io/WriteAbortedException.html#getMessage())()            Produce the message and include the message from the nested exception, if there is one. |

| **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()), [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)) |

| **Field Detail** |
| --- |

### detail

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

Exception that was caught while writing the ObjectStream.

This field 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.

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

### WriteAbortedException

public **WriteAbortedException**([String](http://docs.google.com/java/lang/String.html) s,  
 [Exception](http://docs.google.com/java/lang/Exception.html) ex)

Constructs a WriteAbortedException with a string describing the exception and the exception causing the abort.

**Parameters:**s - String describing the exception.ex - Exception causing the abort.

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

### getMessage

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

Produce the message and include the message from the nested exception, if there is one.

**Overrides:**[getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**the detail message string of this Throwable instance (which may be null).

### getCause

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

Returns the exception that terminated the operation (the *cause*).

**Overrides:**[getCause](http://docs.google.com/java/lang/Throwable.html#getCause()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**the exception that terminated the operation (the *cause*), which may be null.**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/WriteAbortedException.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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