| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JAXBException.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/javax/xml/bind/JAXBElement.GlobalScope.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/JAXBException.html)    [**NO FRAMES**](http://docs.google.com/JAXBException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#lnxbz9) |

## **javax.xml.bind**

Class JAXBException

[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)  
 **javax.xml.bind.JAXBException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [MarshalException](http://docs.google.com/javax/xml/bind/MarshalException.html), [PropertyException](http://docs.google.com/javax/xml/bind/PropertyException.html), [UnmarshalException](http://docs.google.com/javax/xml/bind/UnmarshalException.html), [ValidationException](http://docs.google.com/javax/xml/bind/ValidationException.html)

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

This is the root exception class for all JAXB exceptions.

**Since:** JAXB1.0 **See Also:**[JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html), [Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html), [Unmarshaller](http://docs.google.com/javax/xml/bind/Unmarshaller.html), [Serialized Form](http://docs.google.com/serialized-form.html#javax.xml.bind.JAXBException)

| **Constructor Summary** | |
| --- | --- |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) message)            Construct a JAXBException with the specified detail message. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) message, [String](http://docs.google.com/java/lang/String.html) errorCode)            Construct a JAXBException with the specified detail message and vendor specific errorCode. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) message, [String](http://docs.google.com/java/lang/String.html) errorCode, [Throwable](http://docs.google.com/java/lang/Throwable.html) exception)            Construct a JAXBException with the specified detail message, vendor specific errorCode, and linkedException. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) message, [Throwable](http://docs.google.com/java/lang/Throwable.html) exception)            Construct a JAXBException with the specified detail message and linkedException. |
| [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) exception)            Construct a JAXBException with a linkedException. |

| **Method Summary** | |
| --- | --- |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getCause**](http://docs.google.com/javax/xml/bind/JAXBException.html#getCause())()            Returns the cause of this throwable or null if the cause is nonexistent or unknown. |
| [String](http://docs.google.com/java/lang/String.html) | [**getErrorCode**](http://docs.google.com/javax/xml/bind/JAXBException.html#getErrorCode())()            Get the vendor specific error code |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getLinkedException**](http://docs.google.com/javax/xml/bind/JAXBException.html#getLinkedException())()            Get the linked exception |
| void | [**printStackTrace**](http://docs.google.com/javax/xml/bind/JAXBException.html#printStackTrace())()            Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to System.err. |
| void | [**printStackTrace**](http://docs.google.com/javax/xml/bind/JAXBException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintStream. |
| void | [**printStackTrace**](http://docs.google.com/javax/xml/bind/JAXBException.html#printStackTrace(java.io.PrintWriter))([PrintWriter](http://docs.google.com/java/io/PrintWriter.html) s)            Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintWriter. |
| void | [**setLinkedException**](http://docs.google.com/javax/xml/bind/JAXBException.html#setLinkedException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) exception)            Add a linked Exception. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/xml/bind/JAXBException.html#toString())()            Returns a short description of this JAXBException. |

| **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)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)) |

| **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** |
| --- |

### JAXBException

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

Construct a JAXBException with the specified detail message. The errorCode and linkedException will default to null.

**Parameters:**message - a description of the exception

### JAXBException

public **JAXBException**([String](http://docs.google.com/java/lang/String.html) message,  
 [String](http://docs.google.com/java/lang/String.html) errorCode)

Construct a JAXBException with the specified detail message and vendor specific errorCode. The linkedException will default to null.

**Parameters:**message - a description of the exceptionerrorCode - a string specifying the vendor specific error code

### JAXBException

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

Construct a JAXBException with a linkedException. The detail message and vendor specific errorCode will default to null.

**Parameters:**exception - the linked exception

### JAXBException

public **JAXBException**([String](http://docs.google.com/java/lang/String.html) message,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) exception)

Construct a JAXBException with the specified detail message and linkedException. The errorCode will default to null.

**Parameters:**message - a description of the exceptionexception - the linked exception

### JAXBException

public **JAXBException**([String](http://docs.google.com/java/lang/String.html) message,  
 [String](http://docs.google.com/java/lang/String.html) errorCode,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) exception)

Construct a JAXBException with the specified detail message, vendor specific errorCode, and linkedException.

**Parameters:**message - a description of the exceptionerrorCode - a string specifying the vendor specific error codeexception - the linked exception

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

### getErrorCode

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

Get the vendor specific error code

**Returns:**a string specifying the vendor specific error code

### getLinkedException

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

Get the linked exception

**Returns:**the linked Exception, null if none exists

### setLinkedException

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

Add a linked Exception.

**Parameters:**exception - the linked Exception (A null value is permitted and indicates that the linked exception does not exist or is unknown).

### toString

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

Returns a short description of this JAXBException.

**Overrides:**[toString](http://docs.google.com/java/lang/Throwable.html#toString()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**a string representation of this throwable.

### printStackTrace

public void **printStackTrace**([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)

Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintStream.

**Overrides:**[printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Parameters:**s - PrintStream to use for output

### printStackTrace

public void **printStackTrace**()

Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to System.err.

**Overrides:**[printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html)

### printStackTrace

public void **printStackTrace**([PrintWriter](http://docs.google.com/java/io/PrintWriter.html) s)

Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintWriter.

**Overrides:**[printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Parameters:**s - PrintWriter to use for output

### getCause

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

**Description copied from class:** [**Throwable**](http://docs.google.com/java/lang/Throwable.html#getCause()) Returns the cause of this throwable or null if the cause is nonexistent or unknown. (The cause is the throwable that caused this throwable to get thrown.)

This implementation returns the cause that was supplied via one of the constructors requiring a Throwable, or that was set after creation with the [Throwable.initCause(Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method. While it is typically unnecessary to override this method, a subclass can override it to return a cause set by some other means. This is appropriate for a "legacy chained throwable" that predates the addition of chained exceptions to Throwable. Note that it is *not* necessary to override any of the PrintStackTrace methods, all of which invoke the getCause method to determine the cause of a throwable.

**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 throwable or null if the cause is nonexistent or unknown.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JAXBException.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/javax/xml/bind/JAXBElement.GlobalScope.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/JAXBException.html)    [**NO FRAMES**](http://docs.google.com/JAXBException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#lnxbz9) |

[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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