| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SQLWarning.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/sql/SQLTransientException.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/SQLXML.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/SQLWarning.html)    [**NO FRAMES**](http://docs.google.com/SQLWarning.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#2jxsxqh) |

## **java.sql**

Class SQLWarning

[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.sql.SQLException](http://docs.google.com/java/sql/SQLException.html)  
 **java.sql.SQLWarning**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Iterable](http://docs.google.com/java/lang/Iterable.html)<[Throwable](http://docs.google.com/java/lang/Throwable.html)> **Direct Known Subclasses:** [DataTruncation](http://docs.google.com/java/sql/DataTruncation.html)

public class **SQLWarning**extends [SQLException](http://docs.google.com/java/sql/SQLException.html)

An exception that provides information on database access warnings. Warnings are silently chained to the object whose method caused it to be reported.

Warnings may be retrieved from Connection, Statement, and ResultSet objects. Trying to retrieve a warning on a connection after it has been closed will cause an exception to be thrown. Similarly, trying to retrieve a warning on a statement after it has been closed or on a result set after it has been closed will cause an exception to be thrown. Note that closing a statement also closes a result set that it might have produced.

**See Also:**[Connection.getWarnings()](http://docs.google.com/java/sql/Connection.html#getWarnings()), [Statement.getWarnings()](http://docs.google.com/java/sql/Statement.html#getWarnings()), [ResultSet.getWarnings()](http://docs.google.com/java/sql/ResultSet.html#getWarnings()), [Serialized Form](http://docs.google.com/serialized-form.html#java.sql.SQLWarning)

| **Constructor Summary** | |
| --- | --- |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning())()            Constructs a SQLWarning object. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String))([String](http://docs.google.com/java/lang/String.html) reason)            Constructs a SQLWarning object with a given reason. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState)            Constructs a SQLWarning object with a given reason and SQLState. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String,%20java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, int vendorCode)            Constructs a SQLWarning object with a given reason, SQLState and vendorCode. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String,%20java.lang.String,%20int,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, int vendorCode, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs aSQLWarning object with a given reason, SQLState, vendorCode and cause. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String,%20java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLWarning object with a given reason, SQLState and cause. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) reason, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLWarning object with a given reason and cause. |
| [**SQLWarning**](http://docs.google.com/java/sql/SQLWarning.html#SQLWarning(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLWarning object with a given cause. |

| **Method Summary** | |
| --- | --- |
| [SQLWarning](http://docs.google.com/java/sql/SQLWarning.html) | [**getNextWarning**](http://docs.google.com/java/sql/SQLWarning.html#getNextWarning())()            Retrieves the warning chained to this SQLWarning object by setNextWarning. |
| void | [**setNextWarning**](http://docs.google.com/java/sql/SQLWarning.html#setNextWarning(java.sql.SQLWarning))([SQLWarning](http://docs.google.com/java/sql/SQLWarning.html) w)            Adds a SQLWarning object to the end of the chain. |

| **Methods inherited from class java.sql.**[**SQLException**](http://docs.google.com/java/sql/SQLException.html) |
| --- |
| [getErrorCode](http://docs.google.com/java/sql/SQLException.html#getErrorCode()), [getNextException](http://docs.google.com/java/sql/SQLException.html#getNextException()), [getSQLState](http://docs.google.com/java/sql/SQLException.html#getSQLState()), [iterator](http://docs.google.com/java/sql/SQLException.html#iterator()), [setNextException](http://docs.google.com/java/sql/SQLException.html#setNextException(java.sql.SQLException)) |

| **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()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [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** |
| --- |

### SQLWarning

public **SQLWarning**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 int vendorCode)

Constructs a SQLWarning object with a given reason, SQLState and vendorCode. The cause is not initialized, and may subsequently be initialized by a call to the [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method.

**Parameters:**reason - a description of the warningSQLState - an XOPEN or SQL:2003 code identifying the warningvendorCode - a database vendor-specific warning code

### SQLWarning

public **SQLWarning**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState)

Constructs a SQLWarning object with a given reason and SQLState. The cause is not initialized, and may subsequently be initialized by a call to the [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method. The vendor code is initialized to 0.

**Parameters:**reason - a description of the warningSQLState - an XOPEN or SQL:2003 code identifying the warning

### SQLWarning

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

Constructs a SQLWarning object with a given reason. The SQLState is initialized to null and the vender code is initialized to 0. The cause is not initialized, and may subsequently be initialized by a call to the [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method.

**Parameters:**reason - a description of the warning

### SQLWarning

public **SQLWarning**()

Constructs a SQLWarning object. The reason, SQLState are initialized to null and the vendor code is initialized to 0. The cause is not initialized, and may subsequently be initialized by a call to the [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method.

### SQLWarning

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

Constructs a SQLWarning object with a given cause. The SQLState is initialized to null and the vendor code is initialized to 0. The reason is initialized to null if cause==null or to cause.toString() if cause!=null.

**Parameters:**cause - the underlying reason for this SQLWarning (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

### SQLWarning

public **SQLWarning**([String](http://docs.google.com/java/lang/String.html) reason,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs a SQLWarning object with a given reason and cause. The SQLState is initialized to null and the vendor code is initialized to 0.

**Parameters:**reason - a description of the warningcause - the underlying reason for this SQLWarning (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

### SQLWarning

public **SQLWarning**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs a SQLWarning object with a given reason, SQLState and cause. The vendor code is initialized to 0.

**Parameters:**reason - a description of the warningSQLState - an XOPEN or SQL:2003 code identifying the warningcause - the underlying reason for this SQLWarning (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

### SQLWarning

public **SQLWarning**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 int vendorCode,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs aSQLWarning object with a given reason, SQLState, vendorCode and cause.

**Parameters:**reason - a description of the warningSQLState - an XOPEN or SQL:2003 code identifying the warningvendorCode - a database vendor-specific warning codecause - the underlying reason for this SQLWarning (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

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

### getNextWarning

public [SQLWarning](http://docs.google.com/java/sql/SQLWarning.html) **getNextWarning**()

Retrieves the warning chained to this SQLWarning object by setNextWarning.

**Returns:**the next SQLException in the chain; null if none**See Also:**[setNextWarning(java.sql.SQLWarning)](http://docs.google.com/java/sql/SQLWarning.html#setNextWarning(java.sql.SQLWarning))

### setNextWarning

public void **setNextWarning**([SQLWarning](http://docs.google.com/java/sql/SQLWarning.html) w)

Adds a SQLWarning object to the end of the chain.

**Parameters:**w - the new end of the SQLException chain**See Also:**[getNextWarning()](http://docs.google.com/java/sql/SQLWarning.html#getNextWarning())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SQLWarning.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/sql/SQLTransientException.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/SQLXML.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/SQLWarning.html)    [**NO FRAMES**](http://docs.google.com/SQLWarning.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#2jxsxqh) |

[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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