| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SQLClientInfoException.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/Savepoint.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/SQLData.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/SQLClientInfoException.html)    [**NO FRAMES**](http://docs.google.com/SQLClientInfoException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#z337ya) |

## **java.sql**

Class SQLClientInfoException

[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.SQLClientInfoException**

**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)>

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

The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) is thrown when one or more client info properties could not be set on a Connection. In addition to the information provided by SQLException, a SQLClientInfoException provides a list of client info properties that were not set. Some databases do not allow multiple client info properties to be set atomically. For those databases, it is possible that some of the client info properties had been set even though the Connection.setClientInfo method threw an exception. An application can use the getFailedProperties method to retrieve a list of client info properties that were not set. The properties are identified by passing a Map<String,ClientInfoStatus> to the appropriate SQLClientInfoException constructor.

**Since:** 1.6 **See Also:**[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html), [Connection.setClientInfo(java.lang.String, java.lang.String)](http://docs.google.com/java/sql/Connection.html#setClientInfo(java.lang.String,%20java.lang.String)), [Serialized Form](http://docs.google.com/serialized-form.html#java.sql.SQLClientInfoException)

| **Constructor Summary** | |
| --- | --- |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException())()            Constructs a SQLClientInfoException Object. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)            Constructs a SQLClientInfoException object initialized with a given failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.util.Map,%20java.lang.Throwable))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLClientInfoException object initialized with a given cause and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) reason, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)            Constructs a SQLClientInfoException object initialized with a given reason and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.util.Map,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) reason, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLClientInfoException object initialized with a given reason, cause and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.lang.String,%20int,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, int vendorCode, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)            Constructs a SQLClientInfoException object initialized with a given reason, SQLState, vendorCode and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.lang.String,%20int,%20java.util.Map,%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, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLClientInfoException object initialized with a given reason, SQLState, cause, vendorCode and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.lang.String,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)            Constructs a SQLClientInfoException object initialized with a given reason, SQLState and failedProperties. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/SQLClientInfoException.html#SQLClientInfoException(java.lang.String,%20java.lang.String,%20java.util.Map,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) reason, [String](http://docs.google.com/java/lang/String.html) SQLState, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a SQLClientInfoException object initialized with a given reason, SQLState, cause and failedProperties. |

| **Method Summary** | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> | [**getFailedProperties**](http://docs.google.com/java/sql/SQLClientInfoException.html#getFailedProperties())()            Returns the list of client info properties that could not be set. |

| **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** |
| --- |

### SQLClientInfoException

public **SQLClientInfoException**()

Constructs a SQLClientInfoException Object. The reason, SQLState, and failedProperties list 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.

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)

Constructs a SQLClientInfoException object initialized with a given failedProperties. The reason and 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.

**Parameters:**failedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatus

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

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

**Parameters:**failedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatuscause - the (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)

Constructs a SQLClientInfoException object initialized with a given reason and failedProperties. The SQLState is 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.

**Parameters:**reason - a description of the exceptionfailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatus

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

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

**Parameters:**reason - a description of the exceptionfailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatuscause - the underlying reason for this SQLException (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)

Constructs a SQLClientInfoException object initialized with a given reason, SQLState and failedProperties. 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 exceptionSQLState - an XOPEN or SQL:2003 code identifying the exceptionfailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatus

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

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

**Parameters:**reason - a description of the exceptionSQLState - an XOPEN or SQL:2003 code identifying the exceptionfailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatuscause - the underlying reason for this SQLException (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 int vendorCode,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties)

Constructs a SQLClientInfoException object initialized with a given reason, SQLState, vendorCode and failedProperties. 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 exceptionSQLState - an XOPEN or SQL:2003 code identifying the exceptionvendorCode - a database vendor-specific exception codefailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatus

**Since:** 1.6

### SQLClientInfoException

public **SQLClientInfoException**([String](http://docs.google.com/java/lang/String.html) reason,  
 [String](http://docs.google.com/java/lang/String.html) SQLState,  
 int vendorCode,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> failedProperties,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs a SQLClientInfoException object initialized with a given reason, SQLState, cause, vendorCode and failedProperties.

**Parameters:**reason - a description of the exceptionSQLState - an XOPEN or SQL:2003 code identifying the exceptionvendorCode - a database vendor-specific exception codefailedProperties - A Map containing the property values that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatuscause - the underlying reason for this SQLException (which is saved for later retrieval by the getCause() method); may be null indicating the cause is non-existent or unknown.

**Since:** 1.6

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

### getFailedProperties

public [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[ClientInfoStatus](http://docs.google.com/java/sql/ClientInfoStatus.html)> **getFailedProperties**()

Returns the list of client info properties that could not be set. The keys in the Map contain the names of the client info properties that could not be set and the values contain one of the reason codes defined in ClientInfoStatus

**Returns:**Map list containing the client info properties that could not be set

**Since:** 1.6

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SQLClientInfoException.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/Savepoint.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/SQLData.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/SQLClientInfoException.html)    [**NO FRAMES**](http://docs.google.com/SQLClientInfoException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#z337ya) |

[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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