| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/sql/Timestamp.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/sql//class-useTimestamp.html)    [**NO FRAMES**](http://docs.google.com/Timestamp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.sql.Timestamp**

| Packages that use [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| [**java.sql**](#3znysh7) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**javax.sql**](#2et92p0) | Provides the API for server side data source access and processing from the JavaTM programming language. |
| [**javax.sql.rowset**](#tyjcwt) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#3dy6vkm) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |

| Uses of [Timestamp](http://docs.google.com/java/sql/Timestamp.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
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| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) that return [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **CallableStatement.**[**getTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#getTimestamp(int))(int parameterIndex)            Retrieves the value of the designated JDBC TIMESTAMP parameter as a java.sql.Timestamp object. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **ResultSet.**[**getTimestamp**](http://docs.google.com/java/sql/ResultSet.html#getTimestamp(int))(int columnIndex)            Retrieves the value of the designated column in the current row of this ResultSet object as a java.sql.Timestamp object in the Java programming language. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **CallableStatement.**[**getTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#getTimestamp(int,%20java.util.Calendar))(int parameterIndex, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Retrieves the value of the designated JDBC TIMESTAMP parameter as a java.sql.Timestamp object, using the given Calendar object to construct the Timestamp object. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **ResultSet.**[**getTimestamp**](http://docs.google.com/java/sql/ResultSet.html#getTimestamp(int,%20java.util.Calendar))(int columnIndex, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Retrieves the value of the designated column in the current row of this ResultSet object as a java.sql.Timestamp object in the Java programming language. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **CallableStatement.**[**getTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#getTimestamp(java.lang.String))([String](http://docs.google.com/java/lang/String.html) parameterName)            Retrieves the value of a JDBC TIMESTAMP parameter as a java.sql.Timestamp object. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **ResultSet.**[**getTimestamp**](http://docs.google.com/java/sql/ResultSet.html#getTimestamp(java.lang.String))([String](http://docs.google.com/java/lang/String.html) columnLabel)            Retrieves the value of the designated column in the current row of this ResultSet object as a java.sql.Timestamp object in the Java programming language. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **CallableStatement.**[**getTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#getTimestamp(java.lang.String,%20java.util.Calendar))([String](http://docs.google.com/java/lang/String.html) parameterName, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Retrieves the value of a JDBC TIMESTAMP parameter as a java.sql.Timestamp object, using the given Calendar object to construct the Timestamp object. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **ResultSet.**[**getTimestamp**](http://docs.google.com/java/sql/ResultSet.html#getTimestamp(java.lang.String,%20java.util.Calendar))([String](http://docs.google.com/java/lang/String.html) columnLabel, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Retrieves the value of the designated column in the current row of this ResultSet object as a java.sql.Timestamp object in the Java programming language. |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **SQLInput.**[**readTimestamp**](http://docs.google.com/java/sql/SQLInput.html#readTimestamp())()            Reads the next attribute in the stream and returns it as a java.sql.Timestamp object. |
| static [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **Timestamp.**[**valueOf**](http://docs.google.com/java/sql/Timestamp.html#valueOf(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Converts a String object in JDBC timestamp escape format to a Timestamp value. |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with parameters of type [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| boolean | **Timestamp.**[**after**](http://docs.google.com/java/sql/Timestamp.html#after(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) ts)            Indicates whether this Timestamp object is later than the given Timestamp object. |
| boolean | **Timestamp.**[**before**](http://docs.google.com/java/sql/Timestamp.html#before(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) ts)            Indicates whether this Timestamp object is earlier than the given Timestamp object. |
| int | **Timestamp.**[**compareTo**](http://docs.google.com/java/sql/Timestamp.html#compareTo(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) ts)            Compares this Timestamp object to the given Timestamp object. |
| boolean | **Timestamp.**[**equals**](http://docs.google.com/java/sql/Timestamp.html#equals(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) ts)            Tests to see if this Timestamp object is equal to the given Timestamp object. |
| void | **PreparedStatement.**[**setTimestamp**](http://docs.google.com/java/sql/PreparedStatement.html#setTimestamp(int,%20java.sql.Timestamp))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter to the given java.sql.Timestamp value. |
| void | **PreparedStatement.**[**setTimestamp**](http://docs.google.com/java/sql/PreparedStatement.html#setTimestamp(int,%20java.sql.Timestamp,%20java.util.Calendar))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter to the given java.sql.Timestamp value, using the given Calendar object. |
| void | **CallableStatement.**[**setTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#setTimestamp(java.lang.String,%20java.sql.Timestamp))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter to the given java.sql.Timestamp value. |
| void | **CallableStatement.**[**setTimestamp**](http://docs.google.com/java/sql/CallableStatement.html#setTimestamp(java.lang.String,%20java.sql.Timestamp,%20java.util.Calendar))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter to the given java.sql.Timestamp value, using the given Calendar object. |
| void | **ResultSet.**[**updateTimestamp**](http://docs.google.com/java/sql/ResultSet.html#updateTimestamp(int,%20java.sql.Timestamp))(int columnIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Updates the designated column with a java.sql.Timestamp value. |
| void | **ResultSet.**[**updateTimestamp**](http://docs.google.com/java/sql/ResultSet.html#updateTimestamp(java.lang.String,%20java.sql.Timestamp))([String](http://docs.google.com/java/lang/String.html) columnLabel, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Updates the designated column with a java.sql.Timestamp value. |
| void | **SQLOutput.**[**writeTimestamp**](http://docs.google.com/java/sql/SQLOutput.html#writeTimestamp(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Writes the next attribute to the stream as a java.sql.Timestamp object. |

| Uses of [Timestamp](http://docs.google.com/java/sql/Timestamp.html) in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) | |
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| Methods in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) with parameters of type [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| void | **RowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/RowSet.html#setTimestamp(int,%20java.sql.Timestamp))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter in this RowSet object's command to the given java.sql.Timestamp value. |
| void | **RowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/RowSet.html#setTimestamp(int,%20java.sql.Timestamp,%20java.util.Calendar))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter in this RowSet object's command with the given java.sql.Timestamp value. |
| void | **RowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/RowSet.html#setTimestamp(java.lang.String,%20java.sql.Timestamp))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter to the given java.sql.Timestamp value. |
| void | **RowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/RowSet.html#setTimestamp(java.lang.String,%20java.sql.Timestamp,%20java.util.Calendar))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter to the given java.sql.Timestamp value, using the given Calendar object. |

| Uses of [Timestamp](http://docs.google.com/java/sql/Timestamp.html) in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
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| Methods in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) with parameters of type [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| void | **BaseRowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setTimestamp(int,%20java.sql.Timestamp))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter to the given java.sql.Timestamp value. |
| void | **BaseRowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setTimestamp(int,%20java.sql.Timestamp,%20java.util.Calendar))(int parameterIndex, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter to the given java.sql.Timestamp object. |
| void | **BaseRowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setTimestamp(java.lang.String,%20java.sql.Timestamp))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Sets the designated parameter to the given java.sql.Timestamp value. |
| void | **BaseRowSet.**[**setTimestamp**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setTimestamp(java.lang.String,%20java.sql.Timestamp,%20java.util.Calendar))([String](http://docs.google.com/java/lang/String.html) parameterName, [Timestamp](http://docs.google.com/java/sql/Timestamp.html) x, [Calendar](http://docs.google.com/java/util/Calendar.html) cal)            Sets the designated parameter to the given java.sql.Timestamp value, using the given Calendar object. |

| Uses of [Timestamp](http://docs.google.com/java/sql/Timestamp.html) in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
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| Methods in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) that return [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | **SQLInputImpl.**[**readTimestamp**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readTimestamp())()            Retrieves the next attribute in this SQLInputImpl object as a java.sql.Timestamp object. |

| Methods in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) with parameters of type [Timestamp](http://docs.google.com/java/sql/Timestamp.html) | |
| --- | --- |
| void | **SQLOutputImpl.**[**writeTimestamp**](http://docs.google.com/javax/sql/rowset/serial/SQLOutputImpl.html#writeTimestamp(java.sql.Timestamp))([Timestamp](http://docs.google.com/java/sql/Timestamp.html) x)            Writes a java.sql.Timestamp object in the Java programming language to this SQLOutputImpl object. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/sql/Timestamp.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/sql//class-useTimestamp.html)    [**NO FRAMES**](http://docs.google.com/Timestamp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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