| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**java.sql**

| Packages that use [java.sql](http://docs.google.com/java/sql/package-summary.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. |
| [**javax.sql.rowset.spi**](#1t3h5sf) | The standard classes and interfaces that a third party vendor has to use in its implementation of a synchronization provider. |

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) used by [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |
| [**Array**](http://docs.google.com/java/sql/class-use/Array.html#java.sql)            The mapping in the Java programming language for the SQL type ARRAY. |
| [**Blob**](http://docs.google.com/java/sql/class-use/Blob.html#java.sql)            The representation (mapping) in the JavaTM programming language of an SQL BLOB value. |
| [**CallableStatement**](http://docs.google.com/java/sql/class-use/CallableStatement.html#java.sql)            The interface used to execute SQL stored procedures. |
| [**ClientInfoStatus**](http://docs.google.com/java/sql/class-use/ClientInfoStatus.html#java.sql)            Enumeration for status of the reason that a property could not be set via a call to Connection.setClientInfo |
| [**Clob**](http://docs.google.com/java/sql/class-use/Clob.html#java.sql)            The mapping in the JavaTM programming language for the SQL CLOB type. |
| [**Connection**](http://docs.google.com/java/sql/class-use/Connection.html#java.sql)            A connection (session) with a specific database. |
| [**DatabaseMetaData**](http://docs.google.com/java/sql/class-use/DatabaseMetaData.html#java.sql)            Comprehensive information about the database as a whole. |
| [**Date**](http://docs.google.com/java/sql/class-use/Date.html#java.sql)            A thin wrapper around a millisecond value that allows JDBC to identify this as an SQL DATE value. |
| [**Driver**](http://docs.google.com/java/sql/class-use/Driver.html#java.sql)            The interface that every driver class must implement. |
| [**DriverPropertyInfo**](http://docs.google.com/java/sql/class-use/DriverPropertyInfo.html#java.sql)            Driver properties for making a connection. |
| [**NClob**](http://docs.google.com/java/sql/class-use/NClob.html#java.sql)            The mapping in the JavaTM programming language for the SQL NCLOB type. |
| [**ParameterMetaData**](http://docs.google.com/java/sql/class-use/ParameterMetaData.html#java.sql)            An object that can be used to get information about the types and properties for each parameter marker in a PreparedStatement object. |
| [**PreparedStatement**](http://docs.google.com/java/sql/class-use/PreparedStatement.html#java.sql)            An object that represents a precompiled SQL statement. |
| [**Ref**](http://docs.google.com/java/sql/class-use/Ref.html#java.sql)            The mapping in the Java programming language of an SQL REF value, which is a reference to an SQL structured type value in the database. |
| [**ResultSet**](http://docs.google.com/java/sql/class-use/ResultSet.html#java.sql)            A table of data representing a database result set, which is usually generated by executing a statement that queries the database. |
| [**ResultSetMetaData**](http://docs.google.com/java/sql/class-use/ResultSetMetaData.html#java.sql)            An object that can be used to get information about the types and properties of the columns in a ResultSet object. |
| [**RowId**](http://docs.google.com/java/sql/class-use/RowId.html#java.sql)            The representation (mapping) in the Java programming language of an SQL ROWID value. |
| [**RowIdLifetime**](http://docs.google.com/java/sql/class-use/RowIdLifetime.html#java.sql)            Enumeration for RowId life-time values. |
| [**Savepoint**](http://docs.google.com/java/sql/class-use/Savepoint.html#java.sql)            The representation of a savepoint, which is a point within the current transaction that can be referenced from the Connection.rollback method. |
| [**SQLClientInfoException**](http://docs.google.com/java/sql/class-use/SQLClientInfoException.html#java.sql)            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. |
| [**SQLData**](http://docs.google.com/java/sql/class-use/SQLData.html#java.sql)            The interface used for the custom mapping of an SQL user-defined type (UDT) to a class in the Java programming language. |
| [**SQLException**](http://docs.google.com/java/sql/class-use/SQLException.html#java.sql)            An exception that provides information on a database access error or other errors. |
| [**SQLInput**](http://docs.google.com/java/sql/class-use/SQLInput.html#java.sql)            An input stream that contains a stream of values representing an instance of an SQL structured type or an SQL distinct type. |
| [**SQLNonTransientException**](http://docs.google.com/java/sql/class-use/SQLNonTransientException.html#java.sql)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) thrown when an instance where a retry of the same operation would fail unless the cause of the SQLException is corrected. |
| [**SQLOutput**](http://docs.google.com/java/sql/class-use/SQLOutput.html#java.sql)            The output stream for writing the attributes of a user-defined type back to the database. |
| [**SQLTransientException**](http://docs.google.com/java/sql/class-use/SQLTransientException.html#java.sql)            The subclass of [SQLException](http://docs.google.com/java/sql/SQLException.html) is thrown in situations where a previoulsy failed operation might be able to succeed when the operation is retried without any intervention by application-level functionality. |
| [**SQLWarning**](http://docs.google.com/java/sql/class-use/SQLWarning.html#java.sql)            An exception that provides information on database access warnings. |
| [**SQLXML**](http://docs.google.com/java/sql/class-use/SQLXML.html#java.sql)            The mapping in the JavaTM programming language for the SQL XML type. |
| [**Statement**](http://docs.google.com/java/sql/class-use/Statement.html#java.sql)            The object used for executing a static SQL statement and returning the results it produces. |
| [**Struct**](http://docs.google.com/java/sql/class-use/Struct.html#java.sql)            The standard mapping in the Java programming language for an SQL structured type. |
| [**Time**](http://docs.google.com/java/sql/class-use/Time.html#java.sql)            A thin wrapper around the java.util.Date class that allows the JDBC API to identify this as an SQL TIME value. |
| [**Timestamp**](http://docs.google.com/java/sql/class-use/Timestamp.html#java.sql)            A thin wrapper around java.util.Date that allows the JDBC API to identify this as an SQL TIMESTAMP value. |
| [**Wrapper**](http://docs.google.com/java/sql/class-use/Wrapper.html#java.sql)            Interface for JDBC classes which provide the ability to retrieve the delegate instance when the instance in question is in fact a proxy class. |

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) used by [javax.sql](http://docs.google.com/javax/sql/package-summary.html) | |
| --- | --- |
| [**Array**](http://docs.google.com/java/sql/class-use/Array.html#javax.sql)            The mapping in the Java programming language for the SQL type ARRAY. |
| [**Blob**](http://docs.google.com/java/sql/class-use/Blob.html#javax.sql)            The representation (mapping) in the JavaTM programming language of an SQL BLOB value. |
| [**Clob**](http://docs.google.com/java/sql/class-use/Clob.html#javax.sql)            The mapping in the JavaTM programming language for the SQL CLOB type. |
| [**Connection**](http://docs.google.com/java/sql/class-use/Connection.html#javax.sql)            A connection (session) with a specific database. |
| [**Date**](http://docs.google.com/java/sql/class-use/Date.html#javax.sql)            A thin wrapper around a millisecond value that allows JDBC to identify this as an SQL DATE value. |
| [**NClob**](http://docs.google.com/java/sql/class-use/NClob.html#javax.sql)            The mapping in the JavaTM programming language for the SQL NCLOB type. |
| [**PreparedStatement**](http://docs.google.com/java/sql/class-use/PreparedStatement.html#javax.sql)            An object that represents a precompiled SQL statement. |
| [**Ref**](http://docs.google.com/java/sql/class-use/Ref.html#javax.sql)            The mapping in the Java programming language of an SQL REF value, which is a reference to an SQL structured type value in the database. |
| [**ResultSet**](http://docs.google.com/java/sql/class-use/ResultSet.html#javax.sql)            A table of data representing a database result set, which is usually generated by executing a statement that queries the database. |
| [**ResultSetMetaData**](http://docs.google.com/java/sql/class-use/ResultSetMetaData.html#javax.sql)            An object that can be used to get information about the types and properties of the columns in a ResultSet object. |
| [**RowId**](http://docs.google.com/java/sql/class-use/RowId.html#javax.sql)            The representation (mapping) in the Java programming language of an SQL ROWID value. |
| [**SQLException**](http://docs.google.com/java/sql/class-use/SQLException.html#javax.sql)            An exception that provides information on a database access error or other errors. |
| [**SQLXML**](http://docs.google.com/java/sql/class-use/SQLXML.html#javax.sql)            The mapping in the JavaTM programming language for the SQL XML type. |
| [**Time**](http://docs.google.com/java/sql/class-use/Time.html#javax.sql)            A thin wrapper around the java.util.Date class that allows the JDBC API to identify this as an SQL TIME value. |
| [**Timestamp**](http://docs.google.com/java/sql/class-use/Timestamp.html#javax.sql)            A thin wrapper around java.util.Date that allows the JDBC API to identify this as an SQL TIMESTAMP value. |
| [**Wrapper**](http://docs.google.com/java/sql/class-use/Wrapper.html#javax.sql)            Interface for JDBC classes which provide the ability to retrieve the delegate instance when the instance in question is in fact a proxy class. |

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) used by [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
| --- | --- |
| [**Array**](http://docs.google.com/java/sql/class-use/Array.html#javax.sql.rowset)            The mapping in the Java programming language for the SQL type ARRAY. |
| [**Blob**](http://docs.google.com/java/sql/class-use/Blob.html#javax.sql.rowset)            The representation (mapping) in the JavaTM programming language of an SQL BLOB value. |
| [**Clob**](http://docs.google.com/java/sql/class-use/Clob.html#javax.sql.rowset)            The mapping in the JavaTM programming language for the SQL CLOB type. |
| [**Connection**](http://docs.google.com/java/sql/class-use/Connection.html#javax.sql.rowset)            A connection (session) with a specific database. |
| [**Date**](http://docs.google.com/java/sql/class-use/Date.html#javax.sql.rowset)            A thin wrapper around a millisecond value that allows JDBC to identify this as an SQL DATE value. |
| [**NClob**](http://docs.google.com/java/sql/class-use/NClob.html#javax.sql.rowset)            The mapping in the JavaTM programming language for the SQL NCLOB type. |
| [**Ref**](http://docs.google.com/java/sql/class-use/Ref.html#javax.sql.rowset)            The mapping in the Java programming language of an SQL REF value, which is a reference to an SQL structured type value in the database. |
| [**ResultSet**](http://docs.google.com/java/sql/class-use/ResultSet.html#javax.sql.rowset)            A table of data representing a database result set, which is usually generated by executing a statement that queries the database. |
| [**ResultSetMetaData**](http://docs.google.com/java/sql/class-use/ResultSetMetaData.html#javax.sql.rowset)            An object that can be used to get information about the types and properties of the columns in a ResultSet object. |
| [**RowId**](http://docs.google.com/java/sql/class-use/RowId.html#javax.sql.rowset)            The representation (mapping) in the Java programming language of an SQL ROWID value. |
| [**Savepoint**](http://docs.google.com/java/sql/class-use/Savepoint.html#javax.sql.rowset)            The representation of a savepoint, which is a point within the current transaction that can be referenced from the Connection.rollback method. |
| [**SQLException**](http://docs.google.com/java/sql/class-use/SQLException.html#javax.sql.rowset)            An exception that provides information on a database access error or other errors. |
| [**SQLXML**](http://docs.google.com/java/sql/class-use/SQLXML.html#javax.sql.rowset)            The mapping in the JavaTM programming language for the SQL XML type. |
| [**Time**](http://docs.google.com/java/sql/class-use/Time.html#javax.sql.rowset)            A thin wrapper around the java.util.Date class that allows the JDBC API to identify this as an SQL TIME value. |
| [**Timestamp**](http://docs.google.com/java/sql/class-use/Timestamp.html#javax.sql.rowset)            A thin wrapper around java.util.Date that allows the JDBC API to identify this as an SQL TIMESTAMP value. |
| [**Wrapper**](http://docs.google.com/java/sql/class-use/Wrapper.html#javax.sql.rowset)            Interface for JDBC classes which provide the ability to retrieve the delegate instance when the instance in question is in fact a proxy class. |

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) used by [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
| --- | --- |
| [**Array**](http://docs.google.com/java/sql/class-use/Array.html#javax.sql.rowset.serial)            The mapping in the Java programming language for the SQL type ARRAY. |
| [**Blob**](http://docs.google.com/java/sql/class-use/Blob.html#javax.sql.rowset.serial)            The representation (mapping) in the JavaTM programming language of an SQL BLOB value. |
| [**Clob**](http://docs.google.com/java/sql/class-use/Clob.html#javax.sql.rowset.serial)            The mapping in the JavaTM programming language for the SQL CLOB type. |
| [**Date**](http://docs.google.com/java/sql/class-use/Date.html#javax.sql.rowset.serial)            A thin wrapper around a millisecond value that allows JDBC to identify this as an SQL DATE value. |
| [**NClob**](http://docs.google.com/java/sql/class-use/NClob.html#javax.sql.rowset.serial)            The mapping in the JavaTM programming language for the SQL NCLOB type. |
| [**Ref**](http://docs.google.com/java/sql/class-use/Ref.html#javax.sql.rowset.serial)            The mapping in the Java programming language of an SQL REF value, which is a reference to an SQL structured type value in the database. |
| [**ResultSet**](http://docs.google.com/java/sql/class-use/ResultSet.html#javax.sql.rowset.serial)            A table of data representing a database result set, which is usually generated by executing a statement that queries the database. |
| [**RowId**](http://docs.google.com/java/sql/class-use/RowId.html#javax.sql.rowset.serial)            The representation (mapping) in the Java programming language of an SQL ROWID value. |
| [**SQLData**](http://docs.google.com/java/sql/class-use/SQLData.html#javax.sql.rowset.serial)            The interface used for the custom mapping of an SQL user-defined type (UDT) to a class in the Java programming language. |
| [**SQLException**](http://docs.google.com/java/sql/class-use/SQLException.html#javax.sql.rowset.serial)            An exception that provides information on a database access error or other errors. |
| [**SQLInput**](http://docs.google.com/java/sql/class-use/SQLInput.html#javax.sql.rowset.serial)            An input stream that contains a stream of values representing an instance of an SQL structured type or an SQL distinct type. |
| [**SQLOutput**](http://docs.google.com/java/sql/class-use/SQLOutput.html#javax.sql.rowset.serial)            The output stream for writing the attributes of a user-defined type back to the database. |
| [**SQLXML**](http://docs.google.com/java/sql/class-use/SQLXML.html#javax.sql.rowset.serial)            The mapping in the JavaTM programming language for the SQL XML type. |
| [**Struct**](http://docs.google.com/java/sql/class-use/Struct.html#javax.sql.rowset.serial)            The standard mapping in the Java programming language for an SQL structured type. |
| [**Time**](http://docs.google.com/java/sql/class-use/Time.html#javax.sql.rowset.serial)            A thin wrapper around the java.util.Date class that allows the JDBC API to identify this as an SQL TIME value. |
| [**Timestamp**](http://docs.google.com/java/sql/class-use/Timestamp.html#javax.sql.rowset.serial)            A thin wrapper around java.util.Date that allows the JDBC API to identify this as an SQL TIMESTAMP value. |

| Classes in [java.sql](http://docs.google.com/java/sql/package-summary.html) used by [javax.sql.rowset.spi](http://docs.google.com/javax/sql/rowset/spi/package-summary.html) | |
| --- | --- |
| [**ResultSet**](http://docs.google.com/java/sql/class-use/ResultSet.html#javax.sql.rowset.spi)            A table of data representing a database result set, which is usually generated by executing a statement that queries the database. |
| [**Savepoint**](http://docs.google.com/java/sql/class-use/Savepoint.html#javax.sql.rowset.spi)            The representation of a savepoint, which is a point within the current transaction that can be referenced from the Connection.rollback method. |
| [**SQLException**](http://docs.google.com/java/sql/class-use/SQLException.html#javax.sql.rowset.spi)            An exception that provides information on a database access error or other errors. |
| [**Wrapper**](http://docs.google.com/java/sql/class-use/Wrapper.html#javax.sql.rowset.spi)            Interface for JDBC classes which provide the ability to retrieve the delegate instance when the instance in question is in fact a proxy class. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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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