


java.sql.* Connection

 **Connection**

Accessors

```
boolean get / setAutoCommit ()
String get / setCatalog ()
int get / setHoldability ()
DatabaseMetaData getMetaData ()
int get / setTransactionIsolation ()
java.util.Map get / setTypeMap ()
SQLWarning getWarnings ()
boolean isClosed ()
boolean is / setReadOnly ()
Savepoint setSavepoint ()
Savepoint setSavepoint (String name)
```

Other Public Methods

```
void clearWarnings ()
void close ()
void commit ()

Statement createStatement ()
Statement createStatement (int resultSetType, int resultSetConcurrency)
Statement createStatement (int resultSetType, int resultSetConcurrency, int resultSetHoldability)
String nativeSQL (String sql)
CallableStatement prepareCall (String sql)
CallableStatement prepareCall (String sql, int resultSetType, int resultSetConcurrency)
CallableStatement prepareCall (String sql, int resultSetType, int resultSetConcurrency, int resultSetHoldability)
PreparedStatement prepareStatement (String sql)
PreparedStatement prepareStatement (String sql, int autoGeneratedKeys)
PreparedStatement prepareStatement (String sql, int columnIndexes[])
PreparedStatement prepareStatement (String sql, String columnNames[])
PreparedStatement prepareStatement (String sql, int resultSetType, int resultSetConcurrency)
PreparedStatement prepareStatement (String sql, int resultSetType, int resultSetConcurrency, int resultSetHoldability)
void releaseSavepoint (Savepoint savepoint)
void rollback ()
void rollback (Savepoint savepoint)
```

```
int TRANSACTION_NONE, TRANSACTION_READ_UNCOMMITTED, TRANSACTION_READ_COMMITTED,
TRANSACTION_REPEATABLE_READ, TRANSACTION_SERIALIZABLE
```

 **DriverManager**

```
void deregisterDriver (Driver driver)
Connection getConnection (String url)
Connection getConnection (String url, java.util.Properties info)
Connection getConnection (String url, String user, String password)
Driver getDriver (String url)
java.util.Enumeration getDrivers ()
java.io.PrintWriter get / setLogWriter ()
int get / setLoginTimeout ()
void printLn (String message)
void registerDriver (java.sql.Driver driver)
```


 **Driver**

Accessors


```
int getMajorVersion ()
int getMinorVersion ()
DriverPropertyInfo[] getPropertyInfo (String url, java.util.Properties info)
```

Other Public Methods

```
boolean acceptsURL (String url)
Connection connect (String url, java.util.Properties info)
boolean jdbcCompliant ()
```

 **Savepoint**

```
int getSavepointId ()
String getSavepointName ()
```

 **DriverPropertyInfo**

```
DriverPropertyInfo (String name, String value)
```

```
String name, description, value
boolean required
String[] choices
```



DatabaseMetaData

```
ResultSet getAttributes (String catalog, String schemaPattern, String typeNamePattern,
                        String attributeNamePattern)
ResultSet getBestRowIdentifier (String catalog, String schema, String table, int scope,
                               boolean nullable)
String getCatalogSeparator ()
String getCatalogTerm ()
ResultSet getCatalogs ()
ResultSet getColumnPrivileges (String catalog, String schema, String table,
                              String columnNamePattern)
ResultSet getColumns (String catalog, String schemaPattern, String tableNamePattern,
                     String columnNamePattern)
Connection getConnection ()
ResultSet getCrossReference (String primaryCatalog, String primarySchema, String primaryTable,
                             String foreignCatalog, String foreignSchema, String foreignTable)
int getDatabaseMajorVersion ()
int getDatabaseMinorVersion ()
String getDatabaseProductName ()
String getDatabaseProductVersion ()
int getDefaultTransactionIsolation ()
int getDriverMajorVersion ()
int getDriverMinorVersion ()
String getDriverName ()
String getDriverVersion ()
ResultSet getExportedKeys (String catalog, String schema, String table)
String getExtraNameCharacters ()
String getIdentifierQuoteString ()
ResultSet getImportedKeys (String catalog, String schema, String table)
ResultSet getIndexInfo (String catalog, String schema, String table, boolean unique,
                       boolean approximate)
int getJDBCMinorVersion ()
int getJDBCMajorVersion ()
int getMaxBinaryLiteralLength ()
int getMaxCatalogNameLength ()
int getMaxCharLiteralLength ()
int getMaxColumnNameLength ()
int getMaxColumnsInGroupBy ()
int getMaxColumnsInIndex ()
int getMaxColumnsInOrderBy ()
int getMaxColumnsInSelect ()
int getMaxColumnsInTable ()
int getMaxConnections ()
int getMaxCursorNameLength ()
int getMaxIndexLength ()
int getMaxProcedureNameLength ()
int getMaxRowSize ()
int getMaxSchemaNameLength ()
int getMaxStatementLength ()
int getMaxStatements ()
int getMaxTableNameLength ()
int getMaxTablesInSelect ()
int getMaxUserNameLength ()
String getNumericFunctions ()
ResultSet getPrimaryKeys (String catalog, String schema, String table)
ResultSet getProcedureColumns (String catalog, String schemaPattern, String procedureNamePattern,
                              String columnNamePattern)
String getProcedureTerm ()
ResultSet getProcedures (String catalog, String schemaPattern, String procedureNamePattern)
int getResultSetHoldability ()
String getSQLKeywords ()
int getSQLStateType ()
String getSchemaTerm ()
ResultSet getSchemas ()
String getSearchStringEscape ()
String getStringFunctions ()
ResultSet getSuperTables (String catalog, String schemaPattern, String tableNamePattern)
ResultSet getSuperTypes (String catalog, String schemaPattern, String typeNamePattern)
String getSystemFunctions ()
ResultSet getTablePrivileges (String catalog, String schemaPattern, String tableNamePattern)
ResultSet getTableTypes ()
ResultSet getTables (String catalog, String schemaPattern, String tableNamePattern, String types[])
String getTimeDateFunctions ()
ResultSet getTypeInfo ()
ResultSet getUDTs (String catalog, String schemaPattern, String typeNamePattern, int[] types)
String getURL ()
String getUsername ()
ResultSet getVersionColumns (String catalog, String schema, String table)
boolean isCatalogAtStart ()
boolean isReadOnly ()

int procedureResultUnknown, procedureNoResult, procedureReturnsResult, procedureColumnUnknown,
procedureColumnIn, procedureColumnInOut, procedureColumnOut, procedureColumnReturn,
procedureColumnResult, procedureNoNulls, procedureNullable, procedureNullableUnknown,
columnNoNulls, columnNullable, columnNullableUnknown, bestRowTemporary, bestRowTransaction,
bestRowSession, bestRowUnknown, bestRowNotPseudo, bestRowPseudo, versionColumnUnknown,
versionColumnNotPseudo, versionColumnPseudo, importedKeyCascade, importedKeyRestrict,
importedKeySetNull, importedKeyNoAction, importedKeySetDefault, importedKeyInitiallyDeferred,
importedKeyInitiallyImmediate, importedKeyNotDeferrable, typeNoNulls, typeNullable,
typeNullableUnknown, typePredNone, typePredChar, typePredBasic, typeSearchable,
sqlStateXOpen, sqlStateSQL99
short tableIndexStatistic, tableIndexClustered, tableIndexHashed, tableIndexOther, attributeNoNulls,
attributeNullable, attributeNullableUnknown
```

DatabaseMetaData (continued)

Collectors

```
boolean deletesAreDetected (int type)
boolean insertsAreDetected (int type)

Other Public Methods
boolean allProceduresAreCallable ()
boolean allTablesAreSelectable ()
boolean dataDefinitionCausesTransactionCommit ()
boolean dataDefinitionIgnoredInTransactions ()
boolean doesMaxRowSizeIncludeBlobs ()
boolean locatorsUpdateCopy ()
boolean nullPlusNonNullsNull ()
boolean nullsAreSortedAtEnd ()
boolean nullsAreSortedAtStart ()
boolean nullsAreSortedHigh ()
boolean nullsAreSortedLow ()
boolean othersDeletesAreVisible (int type)
boolean othersInsertsAreVisible (int type)
boolean othersUpdatesAreVisible (int type)
boolean ownDeletesAreVisible (int type)
boolean ownInsertsAreVisible (int type)
boolean ownUpdatesAreVisible (int type)
boolean storesLowerCaseIdentifiers ()
boolean storesLowerCaseQuotedIdentifiers ()
boolean storesMixedCaseIdentifiers ()
boolean storesMixedCaseQuotedIdentifiers ()
boolean storesUpperCaseIdentifiers ()
boolean storesUpperCaseQuotedIdentifiers ()
boolean supportsANSI92EntryLevelSQL ()
boolean supportsANSI92FullSQL ()
boolean supportsANSI92IntermediateSQL ()
boolean supportsAlterTableWithAddColumn ()
boolean supportsAlterTableWithDropColumn ()
boolean supportsBatchUpdates ()
boolean supportsCatalogsInDataManipulation ()
boolean supportsCatalogsInIndexDefinitions ()
boolean supportsCatalogsInPrivilegeDefinitions ()
boolean supportsCatalogsInProcedureCalls ()
boolean supportsCatalogsInTableDefinitions ()
boolean supportsColumnAliasing ()
boolean supportsConvert ()
boolean supportsConvert (int fromType, int toType)
boolean supportsCoreSQLGrammar ()
boolean supportsCorrelatedSubqueries ()
boolean supportsDataDefinitionAndDataManipulationTransactions ()
boolean supportsDataManipulationTransactionsOnly ()
boolean supportsDifferentTableCorrelationNames ()
boolean supportsExpressionsInOrderBy ()
boolean supportsExtendedSQLGrammar ()
boolean supportsFullOuterJoins ()
boolean supportsGetGeneratedKeys ()
boolean supportsGroupBy ()
boolean supportsGroupByBeyondSelect ()
boolean supportsGroupByUnrelated ()
boolean supportsIntegrityEnhancementFacility ()
boolean supportsLikeEscapeClause ()
boolean supportsLimitedOuterJoins ()
boolean supportsMinimumSQLGrammar ()
boolean supportsMixedCaseIdentifiers ()
boolean supportsMixedCaseQuotedIdentifiers ()
boolean supportsMultipleOpenResults ()
boolean supportsMultipleResultSets ()
boolean supportsMultipleTransactions ()
boolean supportsNamedParameters ()
boolean supportsNonNullableColumns ()
boolean supportsOpenCursorsAcrossCommit ()
boolean supportsOpenCursorsAcrossRollback ()
boolean supportsOpenStatementsAcrossCommit ()
boolean supportsOpenStatementsAcrossRollback ()
boolean supportsOrderByUnrelated ()
boolean supportsOuterJoins ()
boolean supportsPositionedDelete ()
boolean supportsPositionedUpdate ()
boolean supportsResultSetConcurrency (int type, int concurrency)
boolean supportsResultSetHoldability (int holdability)
boolean supportsResultSetType (int type)
boolean supportsSavepoints ()
boolean supportsSchemasInDataManipulation ()
boolean supportsSchemasInIndexDefinitions ()
boolean supportsSchemasInPrivilegeDefinitions ()
boolean supportsSchemasInProcedureCalls ()
boolean supportsSchemasInTableDefinitions ()
boolean supportsSelectForUpdate ()
boolean supportsStatementPooling ()
boolean supportsStoredProcedures ()
boolean supportsSubqueriesInComparisons ()
boolean supportsSubqueriesInExists ()
boolean supportsSubqueriesInIns ()
boolean supportsSubqueriesInQuantifieds ()
boolean supportsTableCorrelationNames ()
boolean supportsTransactionIsolationLevel (int level)
boolean supportsTransactions ()
boolean supportsUnion ()
```