



java.sql.* Statement



Statement

Accessors + Collectors

```
Connection getConnection () 
int getFetchDirection () 
int getFetchSize () 
ResultSet getGeneratedKeys () 
int getsetMaxFieldSize () 
int get/setMaxRows () 
boolean getMoreResults () 
boolean getMoreResults (int current) 
int get/setQueryTimeout () 
ResultSet getResultSet () 
int getResultSetConcurrency () 
int getResultSetHoldability () 
int getResultSetType () 
int getUpdateCount () 
int getWarnings () 
void setCursorName (String name) 
void setEscapeProcessing (boolean enable) 
void addBatch (String sql) 

Other Public Methods
void cancel () 
void clearBatch () 
void clearWarnings () 
void close () 
boolean execute (String sql) 
boolean execute (String sql, int autoGeneratedKeys) 
boolean execute (String sql, int columnIndexes[]) 
boolean execute (String sql, String columnNames[]) 
int[] executeBatch () 
ResultSet executeQuery (String sql) 
int executeUpdate (String sql) 
int executeUpdate (String sql, int autoGeneratedKeys) 
int executeUpdate (String sql, int columnIndexes[]) 
int executeUpdate (String sql, String columnNames[]) 
```

```
int CLOSE_CURRENT_RESULT, KEEP_CURRENT_RESULT,
CLOSE_ALL_RESULTS, SUCCESS_NO_INFO,
EXECUTE_FAILED, RETURN_GENERATED_KEYS,
NO_GENERATED_KEYS
```



PreparedStatement

Accessors + Collectors

```
ResultSetMetaData getMetaData () 
ParameterMetaData getParameterMetaData () 
void setArray (int i, Array x) 
void setAsciiStream (int parameterIndex, java.io.InputStream x, int length) 
void setBigDecimal (int parameterIndex, BigDecimal x) 
void setBinaryStream (int parameterIndex, java.io.InputStream x, int length) 
void setBlob (int i, Blob x) 
void setBoolean (int parameterIndex, boolean x) 
void setByte (int parameterIndex, byte x) 
void setCharacterStream (int parameterIndex, java.io.Reader reader, int length) 
void setClob (int i, Clob x) 
void setDate (int parameterIndex, java.sql.Date x) 
void setTime (int parameterIndex, java.sql.Time x, Calendar cal) 
void setDouble (int parameterIndex, double x) 
void setFloat (int parameterIndex, float x) 
void setInt (int parameterIndex, int x) 
void setLong (int parameterIndex, long x) 
void setNull (int parameterIndex, int sqlType) 
void setNull (int paramIndex, int sqlType, String typeName) 
void setObject (int parameterIndex, Object x) 
void setObject (int parameterIndex, Object x, int targetSqlType) 
void setObject (int parameterIndex, Object x, int targetSqlType, int scale) 
void setRef (int i, Ref x) 
void setShort (int parameterIndex, short x) 
void setString (int parameterIndex, String x) 
void setTime (int parameterIndex, java.sql.Time x) 
void setTime (int parameterIndex, java.sql.Time x, Calendar cal) 
void setTimestamp (int parameterIndex, java.sql.Timestamp x) 
void setTimestamp (int parameterIndex, java.sql.Timestamp x, Calendar cal) 
void setURL (int parameterIndex, java.net.URL x) 
void addBatch () 
```

Other Public Methods

```
void clearParameters () 
boolean execute () 
ResultSet executeQuery () 
int executeUpdate () 
```



ParameterMetaData

```
String getParameterClassName (int param) 
int getParameterCount () 
int getParameterMode (int param) 
int getParameterType (int param) 
String getParameterTypeName (int param) 
int getPrecision (int param) 
int getScale (int param) 
int isNullable (int param) 
boolean isSigned (int param) 
```

```
int parameterNoNulls, parameterNullable,
parameterNullableUnknown,
parameterModeUnknown, parameterModeIn,
parameterModeInOut, parameterModeOut
```



CallableStatement

Accessors

```
Array getArray (int i) 
Array getArray (String parameterName) 
BigDecimal getBigDecimal (int parameterIndex) 
BigDecimal get/setBigDecimal (String parameterName) 
Blob getBlob (int i) 
Blob getBlob (String parameterName) 
boolean getBoolean (int parameterIndex) 
boolean get/setBoolean (String parameterName) 
byte getByte (int parameterIndex) 
byte get/setByte (String parameterName) 
byte[] getBytes (int parameterIndex) 
byte[] getBytes (String parameterName) 
Clob getClob (int i) 
Clob getClob (String parameterName) 
java.sql.Date getDate (int parameterIndex) 
java.sql.Date get/setDate (String parameterName) 
java.sql.Date getDate (int parameterIndex, Calendar cal) 
java.sql.Date getDate (String parameterName, Calendar cal) 
double getDouble (int parameterIndex) 
double get/setDouble (String parameterName) 
float getFloat (int parameterIndex) 
float get/setFloat (String parameterName) 
int getInt (int parameterIndex) 
int get/setInt (String parameterName) 
long getLong (int parameterIndex) 
long get/setLong (String parameterName) 
Object getObject (int parameterIndex) 
Object get/setObject (String parameterName) 
Object getObject (int i, java.util.Map map) 
Object getObject (String parameterName, java.util.Map map) 
Ref getRef (int i) 
Ref getRef (String parameterName) 
short getShort (int parameterIndex) 
short get/setShort (String parameterName) 
String getString (int parameterIndex) 
String get/setString (String parameterName) 
java.sql.Time getTime (int parameterIndex) 
java.sql.Time get/setTime (String parameterName) 
java.sql.Time getTime (int parameterIndex, Calendar cal) 
java.sql.Time getTime (String parameterName, Calendar cal) 
java.sql.Timestamp getTimestamp (int parameterIndex) 
java.sql.Timestamp get/setTimestamp (String parameterName) 
java.sql.Timestamp getTimestamp (int parameterIndex, Calendar cal) 
java.sql.Timestamp getTimestamp (String parameterName, Calendar cal) 
java.net.URL getURL (int parameterIndex) 
java.net.URL get/setURL (String parameterName) 
void setAsciiStream (String parameterName, java.io.InputStream x, int length) 
void setBinaryStream (String parameterName, java.io.InputStream x, int length) 
void setBytes (String parameterName, byte x[]) 
void setCharacterStream (String parameterName, java.io.Reader reader, int length) 
void setDate (String parameterName, java.sql.Date x, Calendar cal) 
void setNull (String parameterName, int sqlType, String typeName) 
void setObject (String parameterName, Object x, int targetSqlType) 
void setObject (String parameterName, Object x, int targetSqlType, int scale) 
void setTime (String parameterName, java.sql.Time x, Calendar cal) 
void setTimestamp (String parameterName, java.sql.Timestamp x, Calendar cal) 
void setTime (String parameterName, java.sql.Time x, Calendar cal) 
void setTimestamp (String parameterName, java.sql.Timestamp x, Calendar cal) 

Other Public Methods
void registerOutParameter (int parameterIndex, int sqlType) 
void registerOutParameter (String parameterName, int sqlType) 
void registerOutParameter (int parameterIndex, int sqlType, int scale) 
void registerOutParameter (int paramIndex, int sqlType, String typeName) 
void registerOutParameter (String parameterName, int sqlType, String typeName) 
void setNull (String parameterName, int sqlType) 
void setNull (String parameterName, int sqlType, String typeName) 
void setObject (String parameterName, Object x, int targetSqlType) 
void setObject (String parameterName, Object x, int targetSqlType, int scale) 
void setTime (String parameterName, java.sql.Time x, Calendar cal) 
void setTimestamp (String parameterName, java.sql.Timestamp x, Calendar cal) 
void setTimestamp (String parameterName, java.sql.Timestamp x, Calendar cal) 
boolean wasNull () 
```