Scrollable ResultSets

Statement createStatement(
    int resultSetType,
    int resultSetConcurrency)

resultSetType:

ResultSet.TYPE_FORWARD_ONLY
    - default; same as in JDBC 1.0
    - allows only forward movement of the cursor
    - when rset.next() returns false, the data is
      no longer available and the result set is closed.

ResultSet.TYPE_SCROLL_INSENSITIVE
    - backwards, forwards, random cursor movement.
    - changes made in the database are not seen in the
      result set object in Java memory.

ResultSet TYPE_SCROLL_SENSITIVE
    - backwards, forwards, random cursor movement.
    - changes made in the database are seen in the
      result set object in Java memory.
resultSetConcurrency:

ResultSet.CONCUR_READ_ONLY

This is the default (and same as in JDBC 1.0) and allows only data to be read from the database.

ResultSet.CONCUR_UPDATABLE

This option allows for the Java program to make changes to the database based on new methods and positioning ability of the cursor.

Example:

```java
Statement stmt = conn.createStatement(
    ResultSet.TYPE_SCROLL_INSENSITIVE,
    ResultSet.CONCUR_READ_ONLY);
ResultSet rset = stmt.executeQuery(
    "select * from cat");
```
public boolean absolute(int row) throws SQLException
- If the given row number is positive, this method moves the
cursor to the given row number (with the first row numbered 1).
- If the row number is negative, the cursor moves to a
relative position from the last row.
- If the row number is 0, an SQLException will be raised.

public boolean relative(int row) throws SQLException
- This method call moves the cursor a relative number of rows,
either positive or negative. An attempt to move beyond the
last row (or before the first row) in the result set positions the
cursor after the last row (or before the first row).

public boolean first() throws SQLException

public boolean last() throws SQLException

public boolean previous() throws SQLException

public boolean next() throws SQLException
The following methods return True/False

public boolean isFirst() throws SQLException

public boolean isLast() throws SQLException

public boolean isAfterLast() throws SQLException

public boolean isBeforeFirst() throws SQLException

The following method retrieves the current row number:

public int getRow() throws SQLException

The first row is number 1, the second number 2, and so on.