

ResultSet types

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Division-1

- a. Read only ResultSet(static resultset)
- b. updatable ResultSet(dynamic resultset)

Division-2

- a. NonScrollable ResultSet(forward only)
- b. Scrollable ResultSet
 - 1 In-Sensitive ResultSet
 - 2. Sensitive ResultSet

Scroll InSensitive ResultSet

After getting resultSet if we are performing any operations in the database, and if those changes are not reflecting to the resultSet, such type of ResultSet are called as "Scroll Insensitive ResultSet".

```
public static final int TYPE_SCROLL_INSENSITIVE
```

Scroll Sensitive ResultSet

After getting resultSet if we are performing any operations in the database, and if those changes are getting reflecting to the resultSet, such type of ResultSet are called as "Scroll Sensitive ResultSet".

```
public static final int TYPE_SCROLL_SENSITIVE
```

Note:

When we make the ResultSet as ScrollSensitive, then we need to use resultSet.refreshRow() to get the updated records from the database.

Updatable ResultSet

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It is possible to perform delete operation using resultSet without writing delete query

```
resultSet.deleteRow() -> This method would delete the record based on the cursor position of ResultSet.
```

It is possible to perform insert operation using resultSet without writing insert query

- a. resultSet.moveToInsertRow();//creates a empty record.
- b. resultSet.updateXXXX(int pos,Object value);// insert the value based on the column data.
- c. resultSet.insertRow();// record will be inserted to the table with the updated values.

It is possible to perform update operation using resultSet without writing update query

- a. resultSet.getXXXX(int pos) // getting the old value from resultSet
 - b. resultSet.updateXXXX(int pos, Object newValue); // update the newValue
- w.r.t resultSet
- c. resultSet.updateRow();// record will be updated to the table as per the resultSet information.

Working with Excel sheet

To work with Excel sheet, we need to use HXTT company supplied driver we need to use.

eg: EXCEL_JDBC40.jar

Working with CSV files

To work with CSV files, we need to use HXTT company supplied driver we need to use.

eg: Text_JDBC42.jar