ICON OF JAVA

ADV. JAVA

Servlets

10.Filters

Mr. Nagoor Babu M.Tech

[ICON of JAVA]

(Sun certified & Realtime Expert)

Ex. HCL Employee

Trained Lakhs of Students
for last 14 years across INDIA

India's No.1 Software Training Institute

DURGASOFT

www.durgasoft.com Ph: 9246212143 ,8096969696

Java.sql.Save Point

One of the features introduced in jdbc3.0 version. And it is a interface Savepoint is a intermediate point and makes it possible to rollback the transaction upto the save point instead of roll backing the entire transaction.

To represent Savepoint Jdbc has provided a predefined interface java.sql.Savepoint.
To set a Savepoint we have to use the following method form Connection.

public Savepoint setSavepoint()

To perform rollback operation on set of instructions executive w.r.t a particular Savepoint we have to use the following method from Connection.

public void rollback(Savepoint sp)

To release Savepoint we will use the following method form Connection.

public void releaseSavepoint(Savepoint sp)

Note: In Jdbc applications, Savepoint concept could be supported by Type-4 Driver provided by Oracle, which could not supported by Type-1 Driver provided by Sun Microsystems.

Note: Type-4 Driver is able to support Savepoint up to setSavepoint() method and rollback(_) method, not releaseSavepoint(_) method.

JdbcApp34:

```
package com.durgasoft;
 import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Savepoint;
import java.sql.Statement;

public class JdbcApp34 {

    public static void main(String[] args) {
    Connection con=null;
    try {
            Class.forName("oracle.jdbc.OracleDriver");
            con=DriverManager.getConnection
            ("jdbc:oracle:thin:@localhost:1521:xe","system",  "durga");
            con.setAutoCommit(false);
            Statement st=con.createStatement();
            st.executeUpdate("insert into student values(111,'AAA',76)");
            Savepoint sp=con.setSavepoint();
            st.executeUpdate("insert into student values(222,'BBB',88)");
            con.rollback(sp);
            st.executeUpdate("insert into student values(333,'CCC',99)");
            con.commit();
            System.out.println("Transaction Success");
            } catch (Exception e) {
            try {
                    con.rollback();
                    System.out.println("Transaction Failure");
            } catch (Exception e2) {
                    e2.printStackTrace();
            }
    }

    }
}
```

JAVA Means DURGASOFT

LEARN FROM EXPERTS ...
COMPLETE JAVA
CORE JAVA, ADV. JAVA, ORACLE, STRUTS, HIBERNATE, SPRING, WEB SERVICES,...
COMPLETE .NET
C#.NET, ASP.NET, SQL SERVER, MVC 5 & WCF
TESTING TOOLS
MANUAL + SELENIUM
ORACLE
D2K
MSBI
SHARE POINT
HADOOP
ANDROID
C, C++, DS, UNIX
CRT & APTITUDE TRAINING
AN ISO 9001:2008 CERTIFIED
DURGA
Software Solutions®
202, 2nd Floor, HUDA Maitrivanam,
Ameerpet, Hyd. Ph: 040-64512786,
9246212143, 8096969696
www.durgasoft.com