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| --- | --- |
| WebRowSet | * It is the child interface of CachedRowSet. * WebRowSet can publish data to xml files,which are very helpful for enterprise applications.   FileWriter fw = new FileWriter("employee.xml");  rs.writeXml(fw);   * We can read XML data into RowSet as follows   FileReader fr = new FileReader("employee.xml");  rs.readXml(fr); |

**package** com.sssit.product.controller;

**import** java.io.FileNotFoundException;

**import** java.io.FileOutputStream;

**import** java.io.FileReader;

**import** java.io.IOException;

**import** java.io.StringWriter;

**import** java.sql.SQLException;

**import** javax.sql.rowset.CachedRowSet;

**import** javax.sql.rowset.RowSetFactory;

**import** javax.sql.rowset.RowSetProvider;

**import** javax.sql.rowset.WebRowSet;

**public** **class** WebRowSetDemo {

**public** **static** **void** main(String[] args) {

**try**

{

RowSetFactory rsf = RowSetProvider.*newFactory*();

WebRowSet jdbc = rsf.createWebRowSet();

WebRowSet jdbc1 = rsf.createWebRowSet();

jdbc.setUrl("jdbc:oracle:thin:@localhost:1521:orcl");

jdbc.setUsername("advdec23");

jdbc.setPassword("advdec23");

jdbc.setCommand("select pid,pname,mrp from product");

jdbc.execute();

StringWriter sw = **new** StringWriter();

//sw.write(jdbc.toString());

jdbc.writeXml(sw);

System.***out***.println(sw.toString());

**try** {

FileOutputStream filestream = **new** FileOutputStream("product.xml");

**try** {

jdbc.writeXml(filestream);

FileReader fr = **new** FileReader("product.xml");

jdbc1.readXml(fr);

**while**(jdbc1.next()) {

System.***out***.printf("%10d%20s%10.2f\n",

jdbc1.getInt(1),jdbc1.getString(2),jdbc1.getDouble(3)); }

} **catch** (IOException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

} **catch** (FileNotFoundException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}**catch**(SQLException e) {

System.***out***.println("SQL Exception.....");

}

}

}

JoinRowSet

|  |  |
| --- | --- |
| JoinRowSet | * It is the child interface of WebRowSet. * If we want to join rows from different rowsets into a single rowset based on matched column(common column) then we should go for JoinRowSet. * We can add RowSets to the JoinRowSet by using addRowSet() method.   addRowSet(RowSet rs,int commonColumnIndex); |