Example to retrieve file from Oracle database:

The getClob() method of PreparedStatement is used to get file information from the database.

Syntax of getClob method

1. **public** Clob getClob(**int** columnIndex){}

Let's see the table structure of this example to retrieve the file.

1. CREATE TABLE  "FILETABLE"
2. (    "ID" NUMBER,
3. "NAME" CLOB
4. )
5. /

The example to retrieve the file from the Oracle database is given below.

1. **import** java.io.\*;
2. **import** java.sql.\*;
4. **public** **class** RetrieveFile {
5. **public** **static** **void** main(String[] args) {
6. **try**{
7. Class.forName("oracle.jdbc.driver.OracleDriver");
8. Connection con=DriverManager.getConnection(
9. "jdbc:oracle:thin:@localhost:1521:xe","system","oracle");
11. PreparedStatement ps=con.prepareStatement("select \* from filetable");
12. ResultSet rs=ps.executeQuery();
13. rs.next();//now on 1st row
15. Clob c=rs.getClob(2);
16. Reader r=c.getCharacterStream();
18. FileWriter fw=**new** FileWriter("d:\\retrivefile.txt");
20. **int** i;
21. **while**((i=r.read())!=-1)
22. fw.write((**char**)i);
24. fw.close();
25. con.close();
27. System.out.println("success");
28. }**catch** (Exception e) {e.printStackTrace();  }
29. }
30. }