

```

package database_to_file;

import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.sql.*;

public class Attempt1 {

    private static final int PAGE_SIZE = 10000;
    private static final int RECORD_KEY = 1;

    public static void main(String[] args) throws IOException, SQLException,
    ClassNotFoundException{ //arguments takes file path, user, pass

        long start = System.currentTimeMillis();
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://idldev-mysql.libckm.org:3306/data?serverTi
        mezone=UTC",args[1],args[2]);
        File f = new File(args[0]);
        FileWriter fw = null;
        String filepath = args[0]+"\\siteMap.txt";
        if (f.exists()){
            f = new File(filepath);
            fw = new FileWriter(f);
            System.out.println(filepath);
        }
        else{
            System.out.println(args[0] + " does not exist");
            System.exit(0);
        }

        PreparedStatement prepStmt = null;

        BufferedWriter bw = new BufferedWriter(fw);

        Statement stmt = con.createStatement();
        ResultSet rs = stmt.executeQuery("SELECT COUNT(*),MAX(id) FROM mand");
        rs.next();
        int rowCount = rs.getInt("COUNT(*)"); //using alternate method, by column
        number rather than column name
        System.out.println(rowCount);
    }
}

```

Untitled

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long last = System.currentTimeMillis();

int maxIndex = rs.getInt("MAX(id)");
for (int i = 0; i < maxIndex; i += PAGE_SIZE){
    prepStmt = con.prepareStatement("SELECT record_key FROM mand WHERE
id BETWEEN ? AND ? ORDER BY id ASC");
    prepStmt.setInt(1, i);
    prepStmt.setInt(2, i+PAGE_SIZE-1);
    rs = prepStmt.executeQuery();
    while(rs.next()){

bw.write("https://www.industrydocumentslibrary.ucsf.edu/docs/#id=" +
rs.getString(RECORD_KEY)); //using alternate method....
        bw.newLine();
    }
    bw.flush();
    System.out.println((System.currentTimeMillis()-last) + "ms - " + i +
"/" + maxIndex);
    last = System.currentTimeMillis();

}
bw.close();

BufferedReader reader = new BufferedReader(new FileReader(filepath));
int lines = 0;
while (reader.readLine() != null) lines++;
reader.close();
if (lines==rowCount)
    System.out.println("Equal row count!");
else
    System.out.println("ERROR: Unequal row count");

System.out.println(rowCount + " rows expected");
System.out.println(lines + " rows written");

System.out.println((System.currentTimeMillis()-start)/1000.0 + " seconds to
run");
System.out.println("File written to filepath: " + filepath);

}
}
```