

Forum:[Hack Forums](#)

Thread: [Connecting with multiple Databases, getting Data and writing data to a new database](#)

minoru - June 4, 2014, 11:57 am

So, i guess this should be really easy, but i started with Java just a week ago and have to finish a little team project this semester.

I already have a program that creates databases, tables and adds data into it. That wasn't too hard since there are lots of tutorials on this topic.

Now i have to write a program that is able to connect with my databases, get their data and merge it into a new larger database containing all the data from the other DBs.
And i just can't find any help on that since 3 days...

Someone told me the easiest way to do it, would be to get one Database into Java and copy the data to the second database and he wrote down a bit of code for me:

```
Code package Database;
```

```
import java.sql.*;
```

```
import java.util.HashMap;
```

```
import java.util.Vector;
```

```
import java.util.Map;
```

```
/**
```

```
*
```

```
* @author
```

```
*/
```

```
public class Join
```

```
{
```

```
    public static void main( String args[] )
```

```
    {
```

```
        Connection c;
```

```
        Statement stmt;
```

```
        try
```

```
        {
```

```
            Class.forName("org.sqlite.JDBC");
```

```
            c = DriverManager.getConnection("jdbc:sqlite:test.db");
```

```
            c.setAutoCommit(false);
```

```
            System.out.println("Opened database successfully");
```

```
            stmt = c.createStatement();
```

```
Vector<HashMap<String, String>> alleDaten = new Vector<HashMap<String, String>>();
```

```
try (ResultSet rs = stmt.executeQuery( "SELECT * FROM FILE;" ))
```

```
{
```

```
while ( rs.next() )
```

```
{
```

```
    int id = rs.getInt("id");
```

```
    String name = rs.getString("name");
```

```

String extension = rs.getString("extension");
String path = rs.getString("path");
String timeStamp = rs.getString("timeStamp");

HashMap<String, String> datensatz = new HashMap<String, String>();
datensatz.put("name", name);
datensatz.put("extension", extension);
datensatz.put("path", path );
datensatz.put("timestamp", timeStamp);
alleDaten.add(datensatz);

}
}
stmt.close();
c.close();

}
catch ( ClassNotFoundException | SQLException e )
{
    System.err.println( e.getClass().getName() + ": " + e.getMessage() );
    System.exit(0);
}
System.out.println("Operation done successfully");
}

```

He told me i that i have to iterate through the vector now.

Something like "for(int i=0;i < alleDaten.length; i++) doInsert(alleDaten[i]);"
and that i have to write a function "doInsert" aswell...

I just dont know how i to do this and where to start.

I don't even know what i should search for in google to get this done...

So could anyone help me with that??[/code]