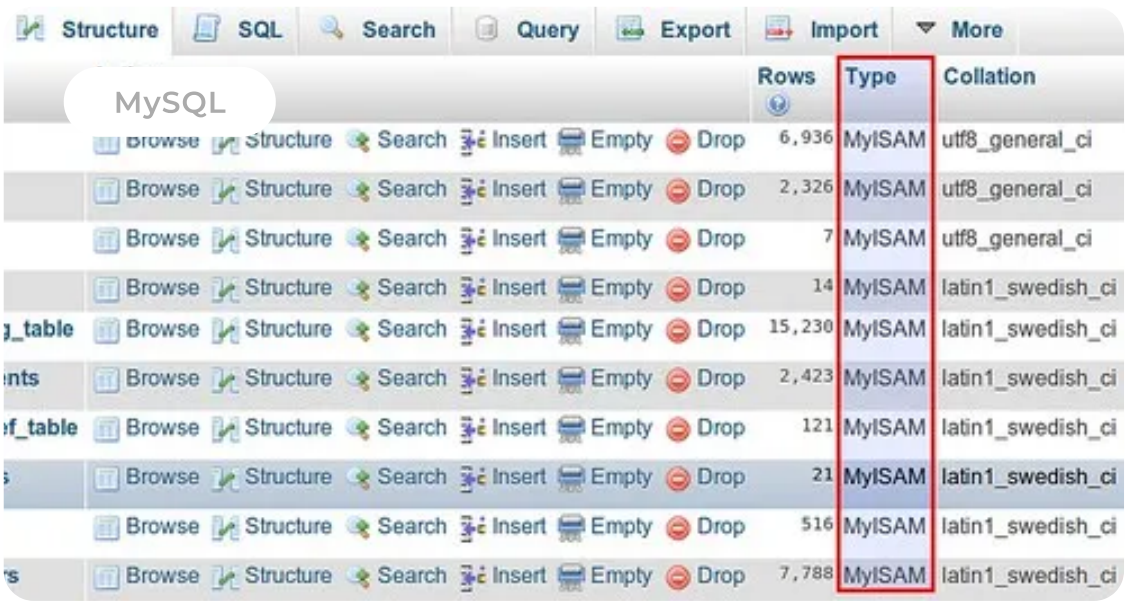
Java Examples



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Java JTable MySQL – INSERT SELECT UPDATE DELETE

This is a java jtable mysql database tutorial.

Hello good people.We tackle Java JTable and MySQL Database.We see how to perform all CRUD operations: INSERT,SELECT,UPDATE and CLEAR. Welcome.

SECTION 1 : Our Tools

1. Netbeans IDE

2. MySQL Database.I have used Wamp Server's PhpMyAdmin's interface to create database and table.The choice is yours.

SECTION 2 : Our Database Class.

Purpose:

1. Connect to our MySQL Database
2. Perform for us all CRUD operations,insert,select,update and delete.

```
package jtable.db;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

public class DBUpdater {

    String conString = "jdbc:mysql://localhost:3306/pl
ayersdb";
    String username = "root";
    String password = "";

    //INSERT INTO DB
    public Boolean add(String name, String pos, String
```

SECTION 3 : Our GUI class

Purpose:

1. Provide GUI interface to facilitate inserting,updating,retrieveing and deleting.

2. Talk to Database class to get these operations done,in turn receiving a defaulttablemodel instance.

```
                .addGroup(jPanel1Layout.createSequentialGr
oup()
                    .addGap(17, 17, 17)
                    .addComponent(jLabel4)
                    .addPreferredGap(javax.swing.LayoutSty
le.ComponentPlacement.RELATED)
                    .addComponent(jPanel2, javax.swing.Gro
upLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT
_SIZE, Short.MAX_VALUE)
                    .addContainerGap())
        );

        javax.swing.GroupLayout layout = new javax.swi
ng.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.Gro
upLayout.Alignment.LEADING)
            .addComponent(jPanel1, javax.swing.GroupLa
```

[embedyt] [http://www.youtube.com/watch?v=B071LpsqARw\[/embedyt](http://www.youtube.com/watch?v=B071LpsqARw[/embedyt)]

SECTION 3 : Our Main class

Purpose:

1. Entry point to our application.

2. Start off GUI.

```
package jtable.db;

public class JTableDB {
```

```
//MAIN CLASS
    public static void main(String[] args) {
        //CALL UPDATER CLASS WHICH IS OUR GUI CLASS
        new Updater().setVisible(true);
    }

}
```

Best Regards.

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