



mysql-connector-ja...3.jar  
2.03MB

## java使用jdbc连接mysql数据库步骤:

### 1.首先导入上面的jdbc架包

**Build Path->Configure Build Path->Libraries->Add External JARS->选择JDBC包**

### 2.加载驱动

```
1 private static String DRIVER="com.mysql.cj.jdbc.Driver";
2 static {
3     try {
4         Class.forName(DRIVER);
5     } catch (ClassNotFoundException e) {
6         // TODO Auto-generated catch block
7         e.printStackTrace();
8     }
9 }
```

### 2.打开连接

```
1 private static String URL="jdbc:mysql://127.0.0.1:3306/epet?useUnicode=true&characterEncoding=utf8&serverTimezone=GMT%2B8&useSSL=true";
2 private static String USER_NAME="songhengda";
3 private static String PASSWORD="123456";
4 public static Connection getConnection() throws SQLException {
5     return DriverManager.getConnection(URL, USER_NAME, PASSWORD);
6 }
```

### 3.关闭连接

```
1 public static void release(Connection conn,Statement ps,ResultSet rs) {
2     if(rs!=null) {
3         try {
4             rs.close();
5         } catch (SQLException e) {
6             // TODO Auto-generated catch block
7             e.printStackTrace();
8         }
9         rs=null;
10    }
```

```

11  if(ps!=null) {
12  try {
13  ps.close();
14  } catch (SQLException e) {
15  // TODO Auto-generated catch block
16  e.printStackTrace();
17  }
18  ps=null;
19  }
20  if(conn!=null) {
21  try {
22  conn.close();
23  } catch (SQLException e) {
24  // TODO Auto-generated catch block
25  e.printStackTrace();
26  }
27  conn=null;
28  }
29
30  }

```

遇到的问题：

**java.sql.SQLException: The server time zone value '???ú±ê×??±??' is unrecognized or represents**

**解决方法：**

**在连接地址后加上&serverTimezone=GMT%2B8&**，这是由于数据库和系统时区有差异造成的，还有中解决办法就是使用低版本的jdbc驱动

## 4.编写sql语句

## 5.预处理对象

## 6.执行

```

1  String sql="update Student set name=? where id=?";
2  conn.setAutoCommit(false);
3  ps=conn.prepareStatement(sql);

```

```
4 ps.setString(1, name);
5 ps.setInt(2, id);
6 int result=ps.executeUpdate();
7 if(result>0) {
8     conn.commit();
9     return true;
10 }else {
11     conn.rollback();
12     return false;
13 }
```