package com.nttdata.petstore.dbcon;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.util.Properties;

import javax.sql.DataSource;

import org.apache.commons.dbcp.BasicDataSource;

public final class ConnectionHolder {

private static ConnectionHolder instance=null;

private static DataSource dataSource=null;

private ConnectionHolder(){

}

public static ConnectionHolder getInstance() throws DBConnectionException{

if(instance==null){

instance=new ConnectionHolder();

try {

instance.initAppDataSource();

} catch (DBConnectionException e) {

// TODO Auto-generated catch block

//e.printStackTrace();

throw new DBConnectionException(e.getMessage());

}

}

return instance;

}

private void initAppDataSource() throws DBConnectionException{

BasicDataSource basic=new BasicDataSource();

Properties prop=new Properties();

try {

prop.load(new FileInputStream("src\\jdbc.properties"));

basic.setUrl(prop.getProperty("URL"));

basic.setDriverClassName(prop.getProperty("driver"));

basic.setUsername(prop.getProperty("uid"));

basic.setPassword(prop.getProperty("pwd"));

dataSource=basic;

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

//e.printStackTrace();

throw new DBConnectionException(e.getMessage());

} catch (IOException e) {

// TODO Auto-generated catch block

///e.printStackTrace();

throw new DBConnectionException(e.getMessage());

}

}

public Connection getConnection() throws DBConnectionException{

try {

return dataSource.getConnection();

} catch (SQLException e) {

throw new DBConnectionException(e.getMessage());

}

}

}