

准备工作

一、mybatis-spring

主要使用mybatis-spring技术：

<http://mybatis.org/spring/zh/sqlsession.html>

查找jar包：

<https://mvnrepository.com/artifact/org.mybatis/mybatis>

二、整合步骤

1、导入依赖

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <parent>
        <artifactId>MyFrameWorkSpace</artifactId>
        <groupId>com.qiu</groupId>
        <version>1.0-SNAPSHOT</version>
    </parent>
    <modelVersion>4.0.0</modelVersion>

    <artifactId>MybatisAddSpring</artifactId>

    <dependencies>
        <dependency>
            <groupId>junit</groupId>
            <artifactId>junit</artifactId>
            <version>4.12</version>
        </dependency>
        <!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->
        <dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.18</version>
        </dependency>
        <dependency>
            <groupId>org.mybatis</groupId>
```

```

        <artifactId>mybatis</artifactId>
        <version>3.5.2</version>
    </dependency>
    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-webmvc</artifactId>
        <version>5.2.0.RELEASE</version>
    </dependency>
    <!--spring操作数据库的话， 还需要一个spring-jdbc-->
    <dependency>
        <groupId>org.springframework</groupId>
        <artifactId>spring-jdbc</artifactId>
        <version>5.2.0.RELEASE</version>
    </dependency>
    <dependency>
        <groupId>org.aspectj</groupId>
        <artifactId>aspectjweaver</artifactId>
        <version>1.8.13</version>
    </dependency>
    <!-- https://mvnrepository.com/artifact/org.mybatis/mybatis-spring -->
    <dependency>
        <groupId>org.mybatis</groupId>
        <artifactId>mybatis-spring</artifactId>
        <version>2.0.3</version>
    </dependency>
    <dependency>
        <groupId>org.projectlombok</groupId>
        <artifactId>lombok</artifactId>
        <version>1.18.10</version>
    </dependency>
</dependencies>

<build>
    <resources>
        <resource>
            <directory>src/main/resources</directory>
            <includes>
                <include>**/*.properties</include>
                <include>**/*.xml</include>
            </includes>
        </resource>

        <resource>
            <directory>src/main/java</directory>
            <includes>
                <include>**/*.properties</include>
                <include>**/*.xml</include>
            </includes>
        </resource>
    </resources>
</build>

```

```

        </includes>
        <filtering>true</filtering>
    </resource>
</resources>
</build>

```

```

</project>

```

2、创建实体类

```

package com.kuang.pojo;

```

```

import lombok.Data;

```

```

@Data

```

```

public class User {
    private int id;
    private String name;
    private String pwd;
}

```

3、定义接口

```

import com.kuang.pojo.User;
import java.util.List;
public interface UserMapper {
    public List<User> selectUser();
}

```

4、配置mybatis-config.xml

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE configuration
    PUBLIC "-//mybatis.org//DTD Config 3.0//EN"
    "http://mybatis.org/dtd/mybatis-3-config.dtd">
<!--configuration核心配置文件-->
<configuration>
    <!-- 配置properties-->
    <properties resource="jdbcConfig.properties"> </properties>

    <typeAliases>
        <package name="com.qiu.pojo"/>
    </typeAliases>

```

```

<!--配置环境-->
<environments default="mysql">
  <!-- 配置mysql的环境-->
  <environment id="mysql">
    <!-- 配置事务 -->
    <transactionManager type="JDBC"></transactionManager>

    <!--配置连接池-->
    <dataSource type="POOLED">
      <property name="driver" value="{jdbc.driver}"></property>
      <property name="url" value="{jdbc.url}"></property>
      <property name="username" value="{jdbc.username}"></property>
      <property name="password" value="{jdbc.password}"></property>
    </dataSource>
  </environment>
</environments>

<mappers>
  <mapper class="com.qiu.mapper.UserMapper"/>
</mappers>

</configuration>

```

5、配置jdbcConfig.properties

```

jdbc.driver=com.mysql.cj.jdbc.Driver
jdbc.url=jdbc:mysql://127.0.0.1:3306/mybatis01?
useUnicode=true&characterEncoding=utf8&serverTimezone=GMT
jdbc.username=root
jdbc.password=qvj15521026074

```

6、配置User映射文件

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE mapper
  PUBLIC "-//mybatis.org//DTD Config 3.0//EN"
  "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="com.kuang.mapper.UserMapper">

  <select id="selectUser" resultType="user">
    select * from mybatis.user;
  </select>

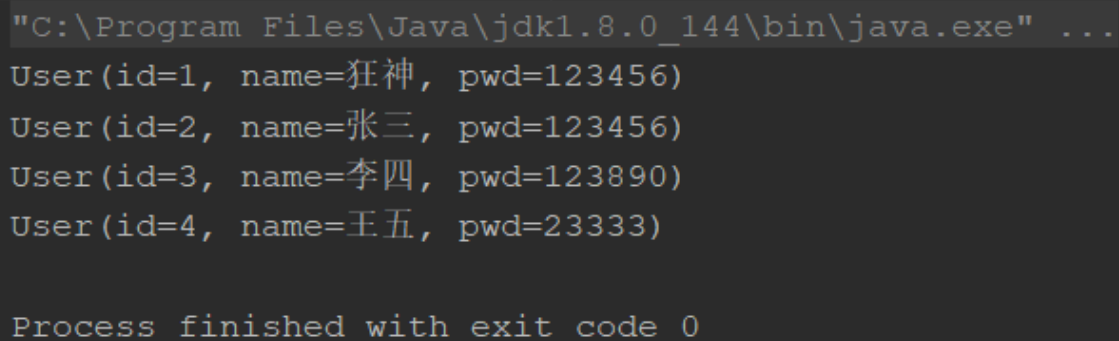
</mapper>

```

7、测试

```
public class MyText {  
    public static void main(String[] args) throws IOException {  
  
        //1.读取配置文件，生成字节输入流  
        InputStream in = Resources.getResourceAsStream("mybatis-config.xml");  
        //2.获取SqlSessionFactory  
        SqlSessionFactory factory = new SqlSessionFactoryBuilder().build(in);  
        //3.获取SqlSession对象  
        SqlSession sqlSession = factory.openSession(true);  
  
        UserMapper mapper=sqlSession.getMapper(UserMapper.class);  
  
        List<User> users=mapper.selectUser();  
        for(User user:users){  
            System.out.println(user);  
        }  
    }  
}
```

8、测试结果



```
"C:\Program Files\Java\jdk1.8.0_144\bin\java.exe" ...  
User(id=1, name=狂神, pwd=123456)  
User(id=2, name=张三, pwd=123456)  
User(id=3, name=李四, pwd=123890)  
User(id=4, name=王五, pwd=23333)  
  
Process finished with exit code 0
```