

原 SpringMVC + MyBatis整合

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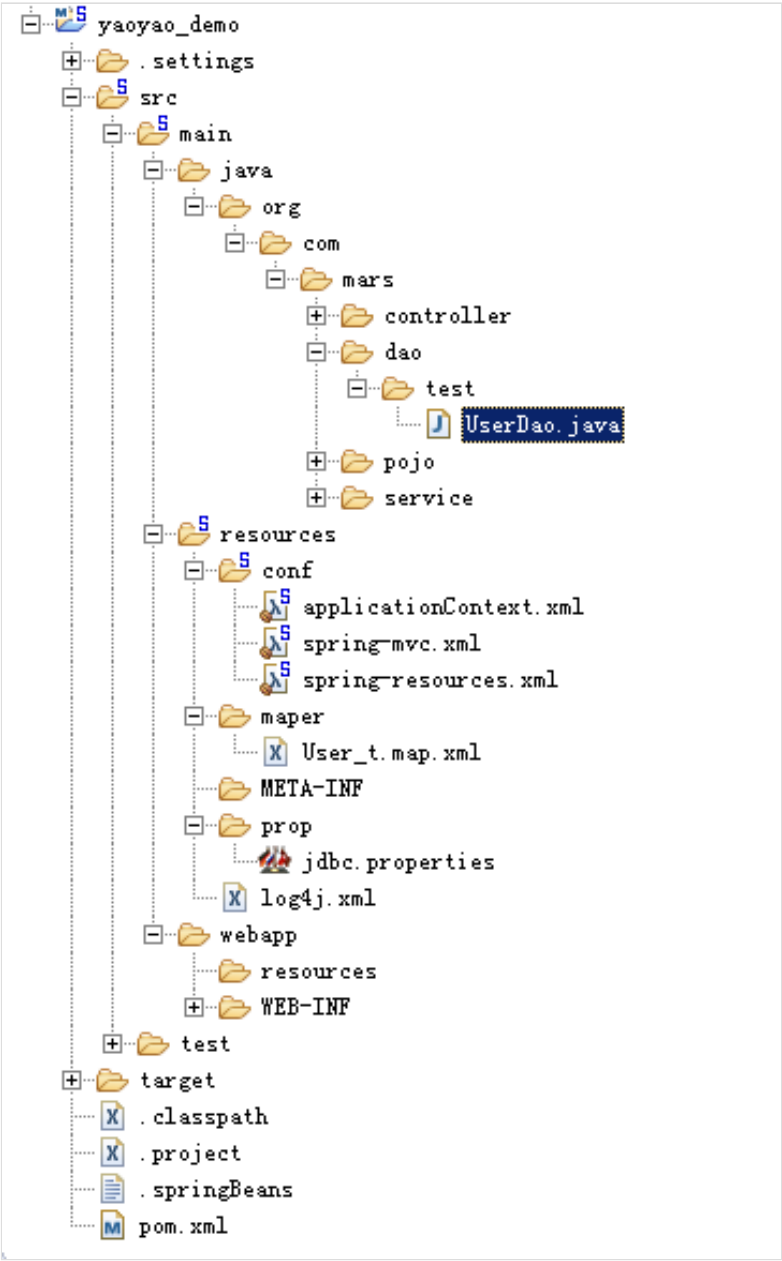
[springmvc](#) | [mybatis](#)

环境：spring3.1.1+mybatis3.2.8+mybatis-spring1.2.3

网络上关于这个架构的搭建文章，实在是太多了，本文是对于本人初次搭建时的一些注意点的整理。

主要是一些配置文件的内容和架构的目录。

0. project 目录



1. spring-resources.xml

这个文件是用来完成spring和mybatis的整合的xml。注意properties文件的读入方式。

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <beans xmlns="http://www.springframework.org/schema/beans"
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xmlns:p="http://www.springframework.org/schema/p"
5      xmlns:context="http://www.springframework.org/schema/context"
6      xmlns:tx="http://www.springframework.org/schema/tx"
7      xmlns:aop="http://www.springframework.org/schema/aop"
8      xsi:schemaLocation="
9      http://www.springframework.org/schema/beans
10     http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
11     http://www.springframework.org/schema/tx
12     http://www.springframework.org/schema/tx/spring-tx-3.0.xsd
13     http://www.springframework.org/schema/context
14     http://www.springframework.org/schema/context/spring-context-3.0.xsd
15     http://www.springframework.org/schema/aop
16     http://www.springframework.org/schema/aop/spring-aop-3.2.xsd"
17     default-autowire="byName" default-lazy-init="false">
18
19     <!-- 自动扫描组件，需要把controller去掉，否则影响事务管理 -->
20     <context:component-scan base-package="org.com.mars">
21         <context:exclude-filter type="regex"
22             expression="org.com.mars.controller.*" />
23     </context:component-scan>
24
25     <!-- 引入jdbc配置文件 -->
26     <context:property-placeholder location="classpath:prop/jdbc.properties" />
27
28     <!-- (事务管理)transaction manager, use JtaTransactionManager for global tx -->
29     <bean id="transactionManager"
30         class="org.springframework.jdbc.datasource.DataSourceTransactionManager">
31         <property name="dataSource" ref="dataSource" />
32     </bean>
33
34     <!-- 声明式事务管理 -->
35     <aop:config>
36         <aop:advisor pointcut="execution(* org.com.mars.service...*(..))"
37             advice-ref="myAdvice" />
38     </aop:config>
39     <tx:advice id="myAdvice" transaction-manager="transactionManager">
40         <tx:attributes>
41             <tx:method name="find*" propagation="SUPPORTS" read-only="true" />
42             <tx:method name="query*" propagation="SUPPORTS" read-only="true" />
43             <tx:method name="list*" propagation="SUPPORTS" read-only="true" />
44
45             <tx:method name="create*" propagation="REQUIRED" />
46             <tx:method name="save*" propagation="REQUIRED" />
47             <tx:method name="modify*" propagation="REQUIRED" />
48             <tx:method name="update*" propagation="REQUIRED" />
49             <tx:method name="delete*" propagation="REQUIRED" />
50
51             <tx:method name="*" propagation="SUPPORTS" read-only="true" />
52         </tx:attributes>
53     </tx:advice>
54
55     <!-- 创建SqlSessionFactory, 同时指定数据源 -->
56     <bean id="mySqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
57         <property name="dataSource" ref="dataSource" />
58         <!-- 自动扫描entity目录, 省掉Configuration.xml里的手工配置 -->
59         <property name="mapperLocations" value="classpath*:mapper/*.map.xml" />
60     </bean>
61
62     <!-- DAO接口所在包名, Spring会自动查找其下的类 -->
63     <bean class="org.mybatis.spring.mapper.MapperScannerConfigurer">
64         <property name="basePackage" value="org.com.mars.dao" />
65         <property name="sqlSessionFactoryBeanName" value="mySqlSessionFactory" />
66     </bean>
67
68     <!-- 可通过注解控制事务 -->
69     <tx:annotation-driven />
70
```

```

71      <!-- 数据库连接池 -->
72      <bean id="dataSource" class="org.apache.commons.dbcp.BasicDataSource"
73          destroy-method="close">
74          <!-- Connection Info -->
75          <property name="driverClassName" value="${jdbc.driver}" />
76          <property name="url" value="${jdbc.url}" />
77          <property name="username" value="${jdbc.username}" />
78          <property name="password" value="${jdbc.password}" />
79
80          <!-- Connection Pooling Info -->
81          <property name="maxActive" value="${dbcp.maxActive}" />
82          <property name="maxIdle" value="${dbcp.maxIdle}" />
83          <property name="defaultAutoCommit" value="false" />
84          <!-- 配置间隔多久才进行一次检测，检测需要关闭的空闲连接，单位是毫秒 -->
85          <property name="timeBetweenEvictionRunsMillis" value="3600000" />
86          <!-- 配置一个连接在池中最小生存的时间，单位是毫秒 -->
87          <property name="minEvictableIdleTimeMillis" value="3600000" />
88      </bean>
89  </beans>

```

2. mapper.xml

该xml 如何使用配置，请参看spring-resources.xml，注意mapper.xml中 namespace的配置。

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
3  "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
4  <mapper namespace="org.com.mars.dao.test.UserDao">
5
6      <!-- mapping -->
7      <resultMap id="User_t" type="org.com.mars.pojo.test.User">
8      <result property="userId" column="user_id" jdbcType="VARCHAR" />
9      <result property="userName" column="user_name" jdbcType="VARCHAR" />
10     </resultMap>
11
12     <sql id="columns">
13         user_id,
14         user_name
15     </sql>
16
17
18     <!-- 根据ID查询用户信息 -->
19     <select id="queryUserById" resultMap="User_t">
20         SELECT
21         <include refid="columns" />
22         FROM
23         user_t
24         WHERE
25         user_id = #{userId}
26     </select>
27
28 </mapper>

```

springmvc + mybatis整合详细，及遇到的问题请参看以下资料：

参考资料：

<http://www.itnose.net/detail/6074493.html>

<http://my.oschina.net/wangbiglei/blog/489583>

<http://my.oschina.net/wangbiglei/blog/489604>