

# 网络商城管理系统

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NetWork mall Manager System--nmms

## 开发环境:

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Myeclipse10+MySql5.6+tomcat7

## 环境搭建

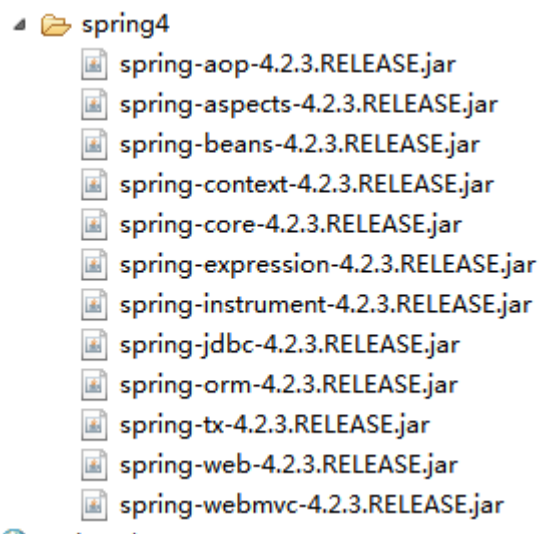
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使用的是ssm的架构

spring+springmvc+mybatis

### 1.jar

- ▲ 文件夹 aop
  - 📄 aopalliance.jar
  - 📄 aspectjrt.jar
  - 📄 aspectjweaver.jar
- ▲ 文件夹 commons
  - 📄 commons-beanutils.jar
  - 📄 commons-collections.jar
  - 📄 commons-dbcp.jar
  - 📄 commons-fileupload.jar
  - 📄 commons-io.jar
  - 📄 commons-lang.jar
  - 📄 commons-logging.jar
  - 📄 commons-pool.jar
- ▲ 文件夹 else
  - 📄 log4j-1.2.14.jar
  - 📄 mysql-connector-java-5.1.7-bin.jar
- ▲ 文件夹 jackson
  - 📄 jackson-annotations-2.4.0.jar
  - 📄 jackson-core-2.4.1.jar
  - 📄 jackson-databind-2.4.1.jar
- ▲ 文件夹 mybatis
  - 📄 jsqlparser-0.9.4.jar
  - 📄 mybatis-3.2.8.jar
  - 📄 mybatis-spring-1.2.2.jar
  - 📄 pagehelper-4.1.3.jar
- ▲ 文件夹 spring4
  - 📄 spring-aop-4.2.3.RELEASE.jar
  - 📄 spring-aspects-4.2.3.RELEASE.jar



## 2. 配置文件

### applicationContext.xml

1. 扫包
2. dataSource
3. 读取properties文件
4. sqlSessionFactory
5. MapperScannerConfigurer
6. 事务

```

<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:aop="http://www.springframework.org/schema/aop"
       xmlns:context="http://www.springframework.org/schema/context"
       xmlns:tx="http://www.springframework.org/schema/tx"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.2.xsd
                           http://www.springframework.org/schema/aop
http://www.springframework.org/schema/aop/spring-aop-4.2.xsd
                           http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.2.xsd
                           http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx-4.2.xsd ">
    <!-- 扫描 -->
    <context:component-scan base-package="com.itany.nmms.service.impl"></context:component-
scan>

    <!-- 读取properties文件 -->
    <context:property-placeholder location="classpath:datasource.properties"/>

    <!-- dataSource -->
    <bean id="dataSource" class="org.springframework.jdbc.datasource.DriverManagerDataSource">
        <property name="driverClassName" 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>
    </bean>

    <!-- sqlSessionSessionFactory -->
    <bean id="sqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
        <!-- 注入数据源 -->
        <property name="dataSource" ref="dataSource"></property>
        <!-- 配置别名 -->
        <property name="typeAliasesPackage" value="com.itany.nmms.entity"></property>
        <!-- 注册mapper文件 -->
        <property name="mapperLocations">
            <list>
                <value>classpath:com/itany/nmms/mapper/*.xml</value>
            </list>
        </property>
        <!-- 引入另一个xml文件,例如:引入mybatis-config -->
        <property name="configLocation" value="classpath:mybatis-config.xml"></property>
    </bean>

    <!-- MapperScannerConfigurer -->
    <bean class="org.mybatis.spring.mapper.MapperScannerConfigurer">
        <property name="basePackage" value="com.itany.nmms.dao"></property>
    </bean>

    <!-- transactionManager -->
    <bean id="transactionManager"
class="org.springframework.jdbc.datasource.DataSourceTransactionManager">

```

```

        <property name="dataSource" ref="dataSource"></property>
    </bean>

    <!-- 注解事务配置 -->
    <tx:annotation-driven transaction-manager="transactionManager"/>

</beans>

```

## controller-servlet.xml

1. 扫包
2. HandlerMapping+HandlerAdapter
3. ViewResolver+view
4. 访问静态资源

```

<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:context="http://www.springframework.org/schema/context"
       xmlns:mvc="http://www.springframework.org/schema/mvc"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-4.2.xsd
                           http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.2.xsd
                           http://www.springframework.org/schema/mvc
http://www.springframework.org/schema/mvc/spring-mvc-4.2.xsd ">

    <!-- 扫包 -->
    <context:component-scan base-package="com.itany.nmms.controller"></context:component-scan>

    <!-- HandlerMapping+HandlerAdapter -->
    <mvc:annotation-driven></mvc:annotation-driven>

    <!-- viewResolver+view -->
    <bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
        <property name="viewClass" value="org.springframework.web.servlet.view.JstlView">
</property>
        <property name="prefix" value="/WEB-INF/pages/"></property>
        <property name="suffix" value=".jsp"></property>
    </bean>

    <!-- 访问静态资源 -->
    <mvc:default-servlet-handler/>

</beans>

```

## mybatis-config.xml

分页插件

```

<?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>

<plugins>
    <!-- 配置mybatis分页插件 -->
    <!-- com.github.pagehelper为PageHelper类所在包名 -->
    <plugin interceptor="com.github.pagehelper.PageHelper">
        <!-- 4.0.0以后版本可以不设置该参数 -->
        <property name="dialect" value="mysql"/>
        <!-- 该参数默认为false -->
        <!-- 设置为true时，会将RowBounds第一个参数offset当成pageNum页码使用 -->
        <!-- 和startPage中的pageNum效果一样-->
        <property name="offsetAsPageNum" value="true"/>
        <!-- 该参数默认为false -->
        <!-- 设置为true时，使用RowBounds分页会进行count查询 -->
        <property name="rowBoundsWithCount" value="true"/>
        <!-- 设置为true时，如果pageSize=0或者RowBounds.limit = 0就会查询出全部的结果 -->
        <!-- （相当于没有执行分页查询，但是返回结果仍然是Page类型） -->
        <property name="pageSizeZero" value="true"/>
        <!-- 3.3.0版本可用 - 分页参数合理化，默认false禁用 -->
        <!-- 启用合理化时，如果pageNum<1会查询第一页，如果pageNum>pages会查询最后一页 -->
        <!-- 禁用合理化时，如果pageNum<1或pageNum>pages会返回空数据 -->
        <property name="reasonable" value="false"/>
        <!-- 3.5.0版本可用 - 为了支持startPage(Object params)方法 -->
        <!-- 增加了一个`params`参数来配置参数映射，用于从Map或ServletRequest中取值 -->
        <!-- 可以配置pageNum,pageSize,count,pageSizeZero,reasonable,orderBy,不配置映射的用默认值 -->
        <!-- 不理解该含义的前提下，不要随便复制该配置 -->
        <property name="params" value="pageNum=pageHelperStart;pageSize=pageHelperRows;"/>
        <!-- 支持通过Mapper接口参数来传递分页参数 -->
        <property name="supportMethodsArguments" value="false"/>
        <!-- always总是返回PageInfo类型，check检查返回类型是否为PageInfo，none返回Page -->
        <property name="returnPageInfo" value="none"/>
    </plugin>
</plugins>

</configuration>

```

## web.xml

- 1.DispatcherServlet
- 2.listener
- 3.指定容器位置
- 4.post请求字符编码过滤器

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app version="2.5"
    xmlns="http://java.sun.com/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
        http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd">

    <!-- spring容器位置 -->
    <context-param>
        <param-name>contextConfigLocation</param-name>
        <param-value>classpath:applicationContext*.xml</param-value>
    </context-param>

    <!-- 监听器 -->
    <listener>
        <listener-class>org.springframework.web.context.ContextLoaderListener</listener-class>
    </listener>

    <!-- 配置DispatcherServlet -->
    <servlet>
        <servlet-name>controller</servlet-name>
        <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
        <load-on-startup>0</load-on-startup>
    </servlet>

    <servlet-mapping>
        <servlet-name>controller</servlet-name>
        <url-pattern>/</url-pattern>
    </servlet-mapping>

    <!-- post请求字符编码过滤器 -->
    <filter>
        <filter-name>character</filter-name>
        <filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>
        <init-param>
            <param-name>encoding</param-name>
            <param-value>utf-8</param-value>
        </init-param>
    </filter>
    <filter-mapping>
        <filter-name>character</filter-name>
        <url-pattern>/*</url-pattern>
    </filter-mapping>

</web-app>
```