天猫商城

### 一 开发环境配置

#### linux系统安装

在VMware中安装linux系统，本项目使用的是CentOS-6.9-x86\_64-bin-DVD1。

#### linux软件源配置

##### 1.2.1 备份

|  |
| --- |
| mv /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo.backup |

##### 1.2.2 下载

下载centos-base.repo到/etc/yum.reposd/

|  |
| --- |
| wget -O /etc/yum.repos.d/CentOS-Base.repo <http://mirrors.aliyun.com/repo/Centos-6.repo> |

##### 1.2.3 运行

|  |
| --- |
| yum makecache |

#### linux下安装JDK

##### 下载JDK

|  |
| --- |
| wget jdk地址 |

##### 删除自带JDK

|  |
| --- |
| java –version  rpm –qa | grep jdk  sudo yum remove “系统自带的JDK” |

##### 安装JDK

|  |
| --- |
| 赋予JDK权限  sudo chmod 777 jdk名称  解压JDK，解压后默认在/usr/java目录下  sudo rpm –ivh jdk名称  配置环境变量  sudo vim /etc/profile  在文件最下方添加环境变量  export JAVA\_HOME=/usr/java/jdk名称  export CLASSPATH=.:$JAVA\_HOME/jre/lib/rt.jar:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar  export PATH=$PATH:$JAVA\_HOME/bin  使环境变量生效  source /etc/profile |

### 二 项目初始化

#### 2.1 IDEA配置

##### 2.1.1 JDK配置

Configure->Project Defaults->Project Structure

##### 2.1.2 Maven配置

Configure->Project Defaults->Settings

#### 2.2 git初始化

##### 2.2.1 创建README.md文件

在项目根目录下创建README.md文件

##### 2.2.2 配置.gitignore文件

在项目根目录下创建.gitignore文件

|  |
| --- |
| \*.class  #package file \*.war \*.ear  #kdiff3 ignore \*.orig  #maven ignore target/  #eclipse ignore .settings/ .project .classpath  #idea .idea/ /idea/ \*.ipr \*.iml \*.iws  #temp file \*.log \*.cache \*.diff \*.patch \*.tmp  #system ignore .DS\_Store Thumbs.db |

##### 2.2.3 提交到git仓库

|  |
| --- |
| git add .  git status  git commit -m "first commit init project"  git remote add origin [git@github.com:Lee-Shawn/tmall.git](mailto:git@github.com:Lee-Shawn/tmall.git)  git branch  git pull  git push -u -f origin master |

##### 2.2.4 创建分支

|  |
| --- |
| // 查看当前分支  git branch –r  // 创建新分支v1.0  git checkout -b v1.0 origin/master  // 推送到远程  git push origin HEAD -u |

#### 2.3 配置pom.xml

##### 2.3.1 配置maven的pom.xml文件

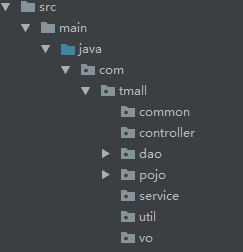
在pom.xml中配置项目所需要的依赖

|  |
| --- |
| <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/maven-v4\_0\_0.xsd">  <modelVersion>4.0.0</modelVersion>  <groupId>com</groupId>  <artifactId>tmall</artifactId>  <packaging>war</packaging>  <version>1.0-SNAPSHOT</version>  <name>tmall Maven Webapp</name>  <url>http://maven.apache.org</url>   <properties>  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>  <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>  <maven.compiler.encoding>UTF-8</maven.compiler.encoding>   <org.springframework.version>4.3.10.RELEASE</org.springframework.version>  <org.mybatis.version>3.4.1</org.mybatis.version>  <org.mybatis.spring.version>1.3.0</org.mybatis.spring.version>  </properties>   <dependencies>  <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  <version>4.12</version>  <scope>test</scope>  </dependency>   <dependency>  <groupId>org.apache.tomcat</groupId>  <artifactId>tomcat-servlet-api</artifactId>  <version>7.0.64</version>  </dependency>   <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-webmvc</artifactId>  <version>${org.springframework.version}</version>  </dependency>   <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-oxm</artifactId>  <version>${org.springframework.version}</version>  </dependency>   <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-jdbc</artifactId>  <version>${org.springframework.version}</version>  </dependency>   <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-tx</artifactId>  <version>${org.springframework.version}</version>  </dependency>   <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-test</artifactId>  <version>${org.springframework.version}</version>  </dependency>   <dependency>  <groupId>org.aspectj</groupId>  <artifactId>aspectjweaver</artifactId>  <version>1.8.1</version>  </dependency>   <dependency>  <groupId>org.mybatis</groupId>  <artifactId>mybatis-spring</artifactId>  <version>${org.mybatis.spring.version}</version>  </dependency>  <dependency>  <groupId>org.mybatis</groupId>  <artifactId>mybatis</artifactId>  <version>${org.mybatis.version}</version>  </dependency>   <dependency>  <groupId>org.aspectj</groupId>  <artifactId>aspectjrt</artifactId>  <version>1.8.13</version>  </dependency>   <dependency>  <groupId>org.codehaus.jackson</groupId>  <artifactId>jackson-mapper-asl</artifactId>  <version>1.9.13</version>  </dependency>   <dependency>  <groupId>commons-dbcp</groupId>  <artifactId>commons-dbcp</artifactId>  <version>1.4</version>  <!--<scope>runtime</scope>-->  </dependency>   <dependency>  <groupId>ch.qos.logback</groupId>  <artifactId>logback-classic</artifactId>  <version>1.1.8</version>  <scope>compile</scope>  </dependency>  <dependency>  <groupId>ch.qos.logback</groupId>  <artifactId>logback-core</artifactId>  <version>1.1.8</version>  <scope>compile</scope>  </dependency>   <dependency>  <groupId>mysql</groupId>  <artifactId>mysql-connector-java</artifactId>  <version>5.1.38</version>  </dependency>   <dependency>  <groupId>com.google.guava</groupId>  <artifactId>guava</artifactId>  <version>20.0</version>  </dependency>   <dependency>  <groupId>org.apache.commons</groupId>  <artifactId>commons-lang3</artifactId>  <version>3.1</version>  </dependency>   <dependency>  <groupId>commons-collections</groupId>  <artifactId>commons-collections</artifactId>  <version>3.2.1</version>  </dependency>   <dependency>  <groupId>joda-time</groupId>  <artifactId>joda-time</artifactId>  <version>2.3</version>  </dependency>   <!-- id加密解密 -->  <dependency>  <groupId>org.hashids</groupId>  <artifactId>hashids</artifactId>  <version>1.0.1</version>  </dependency>   <!-- ftpclient -->  <dependency>  <groupId>commons-net</groupId>  <artifactId>commons-net</artifactId>  <version>3.1</version>  </dependency>   <!-- file upload -->   <!-- https://mvnrepository.com/artifact/commons-fileupload/commons-fileupload -->  <dependency>  <groupId>commons-fileupload</groupId>  <artifactId>commons-fileupload</artifactId>  <version>1.2.2</version>  </dependency>   <dependency>  <groupId>commons-io</groupId>  <artifactId>commons-io</artifactId>  <version>2.0.1</version>  </dependency>   <!-- mybatis pager -->   <dependency>  <groupId>com.github.pagehelper</groupId>  <artifactId>pagehelper</artifactId>  <version>4.1.0</version>  </dependency>   <dependency>  <groupId>com.github.miemiedev</groupId>  <artifactId>mybatis-paginator</artifactId>  <version>1.2.17</version>  </dependency>   <dependency>  <groupId>com.github.jsqlparser</groupId>  <artifactId>jsqlparser</artifactId>  <version>0.9.4</version>  </dependency>   <!-- alipay -->  <dependency>  <groupId>commons-codec</groupId>  <artifactId>commons-codec</artifactId>  <version>1.10</version>  </dependency>  <dependency>  <groupId>commons-configuration</groupId>  <artifactId>commons-configuration</artifactId>  <version>1.10</version>  </dependency>  <dependency>  <groupId>commons-lang</groupId>  <artifactId>commons-lang</artifactId>  <version>2.6</version>  </dependency>  <dependency>  <groupId>commons-logging</groupId>  <artifactId>commons-logging</artifactId>  <version>1.1.1</version>  </dependency>  <dependency>  <groupId>com.google.zxing</groupId>  <artifactId>core</artifactId>  <version>2.1</version>  </dependency>  <dependency>  <groupId>com.google.code.gson</groupId>  <artifactId>gson</artifactId>  <version>2.3.1</version>  </dependency>  <dependency>  <groupId>org.hamcrest</groupId>  <artifactId>hamcrest-core</artifactId>  <version>1.3</version>  </dependency>   <dependency>  <groupId>redis.clients</groupId>  <artifactId>jedis</artifactId>  <version>2.9.0</version>  </dependency>   </dependencies>   <build>  <finalName>tmall</finalName>  <plugins>  <plugin>  <groupId>org.mybatis.generator</groupId>  <artifactId>mybatis-generator-maven-plugin</artifactId>  <version>1.3.2</version>  <configuration>  <verbose>true</verbose>  <overwrite>true</overwrite>  </configuration>  </plugin>   <!-- geelynote maven的核心插件之-complier插件默认只支持编译Java 1.4，因此需要加上支持高版本jre的配置，在pom.xml里面加上 增加编译插件 -->  <plugin>  <groupId>org.apache.maven.plugins</groupId>  <artifactId>maven-compiler-plugin</artifactId>  <configuration>  <source>1.8</source>  <target>1.8</target>  <encoding>UTF-8</encoding>  <compilerArguments>  <extdirs>${project.basedir}/src/main/webapp/WEB-INF/lib</extdirs>  </compilerArguments>  </configuration>  </plugin>  </plugins>   </build> </project> |

#### 2.4 项目包结构初始化

##### 2.4.1 新建包结构

（1）在src文件夹先新建main/java/com/tmall，然后再分别建各个功能文件夹。



（2）在src文件夹下新建与main同级的test文件夹。

（3）在java文件夹上右键选择make directory as将其设为Resource Root，在test文件夹上右键设为Test Resource Root。

#### 2.5 配置mybaits-generator