

Java项目代码编译步骤【请把这部分完善到新人指引】

1、安装git

2、安装maven

3、配置maven的settings.xml文件

- 配置maven的settings.xml文件

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
3          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4          xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0
http://maven.apache.org/xsd/settings-1.0.0.xsd">
5
6      <localRepository>d:/mavenrepository</localRepository>
7
8      <pluginGroups>
9
10     </pluginGroups>
11
12     <proxies>
13
14     </proxies>
15
16     <servers>
17         <server>
18             <id>public</id>
19             <username>admin</username>
20             <password>admin123</password>
21         </server>
22
23         <server>
24             <id>snapshot</id>
25             <username>admin</username>
26             <password>admin123</password>
27         </server>
28
29         <server>
30             <id>release</id>
31             <username>admin</username>
32             <password>admin123</password>
33         </server>
34
```

```
35     <server>
36         <id>3rd-party</id>
37         <username>admin</username>
38         <password>admin123</password>
39     </server>
40
41 </servers>
42
43 <mirrors>
44
45     <!-- mirrorOf为标识central中央仓库的都访问aliyun的maven仓库-->
46     <mirror>
47         <id>aliyun-repo</id>
48         <mirrorOf>central</mirrorOf>
49         <name>central mirror</name>
50         <url>http://maven.aliyun.com/nexus/content/groups/public</url>
51     </mirror>
52
53     <mirror>
54         <id>snapshot</id>
55         <name>snapshot Repositories</name>
56         <mirrorOf>snapshot</mirrorOf>
57         <url>http://192.172.21.246:8081/repository/maven-snapshots/</url>
58     </mirror>
59
60     <mirror>
61         <id>release</id>
62         <name>release Repositories</name>
63         <mirrorOf>release</mirrorOf>
64         <url>http://192.172.21.246:8081/repository/maven-releases/</url>
65     </mirror>
66
67     <mirror>
68         <id>3rd-party</id>
69         <name>3rd-party Repositories</name>
70         <mirrorOf>3rd-party</mirrorOf>
71         <url>http://192.172.21.246:8081/repository/3rd-party/</url>
72     </mirror>
73
74 </mirrors>
75
76 <profiles>
77     <profile>
78         <id>dev</id>
79         <activation>
80             <activeByDefault>true</activeByDefault>
81             <jdk>1.8</jdk>
82         </activation>
83         <properties>
84             <maven.compiler.source>1.8</maven.compiler.source>
85             <maven.compiler.target>1.8</maven.compiler.target>
86             <maven.compiler.compilerVersion>1.8</maven.compiler.compilerVersion>
87         </properties>
```

```
88 <repositories>
89   <!-- 私有库地址-->
90   <repository>
91     <id>release</id>
92     <url>http://192.172.21.246:8081/repository/maven-releases/</url>
93     <releases>
94       <enabled>true</enabled>
95       <updatePolicy>always</updatePolicy>
96     </releases>
97     <snapshots>
98       <enabled>true</enabled>
99       <updatePolicy>always</updatePolicy>
100   </snapshots>
101 </repository>
102 <repository>
103   <id>3rd-party</id>
104   <url>http://192.172.21.246:8081/repository/3rd-party/</url>
105   <releases>
106     <enabled>true</enabled>
107     <updatePolicy>always</updatePolicy>
108   </releases>
109   <snapshots>
110     <enabled>true</enabled>
111     <updatePolicy>always</updatePolicy>
112   </snapshots>
113 </repository>
114 <repository>
115   <id>snapshot</id>
116   <url>http://192.172.21.246:8081/repository/maven-snapshots/</url>
117   <releases>
118     <enabled>true</enabled>
119     <updatePolicy>always</updatePolicy>
120   </releases>
121   <snapshots>
122     <enabled>true</enabled>
123     <updatePolicy>always</updatePolicy>
124   </snapshots>
125 </repository>
126 </repositories>
127 <pluginRepositories>
128   <!-- 插件库地址-->
129   <pluginRepository>
130     <id>release</id>
131     <url>http://192.172.21.246:8081/repository/maven-releases/</url>
132     <releases>
133       <enabled>true</enabled>
134       <updatePolicy>always</updatePolicy>
135     </releases>
136     <snapshots>
137       <enabled>true</enabled>
138       <updatePolicy>always</updatePolicy>
139     </snapshots>
140   </pluginRepository>
```

```

141     <pluginRepository>
142         <id>3rd-party</id>
143         <url>http://192.172.21.246:8081/repository/3rd-party</url>
144         <releases>
145             <enabled>true</enabled>
146             <updatePolicy>always</updatePolicy>
147         </releases>
148         <snapshots>
149             <enabled>true</enabled>
150             <updatePolicy>always</updatePolicy>
151         </snapshots>
152     </pluginRepository>
153 </pluginRepositories>
154
155 </profile>
156
157 </profiles>
158 <!-- 激活配置，指定哪些配置被激活 -->
159 <activeProfiles>
160     <activeProfile>dev</activeProfile>
161 </activeProfiles>
162 </settings>

```

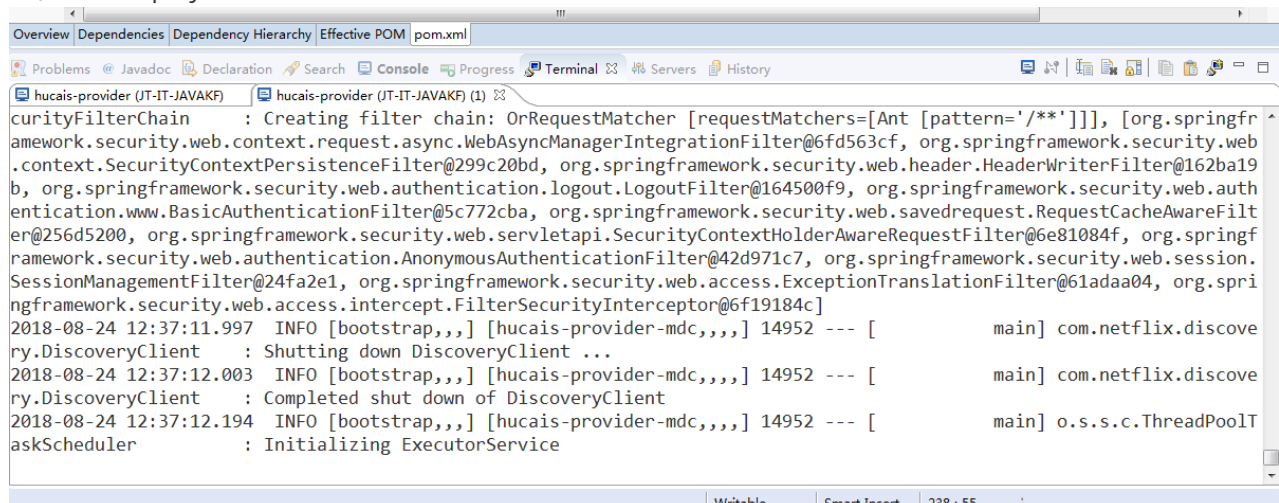
5、eclipse配置maven的settings.xml目录。

6、编译运行

- maven---》update project

7、打包镜像上传镜像

- 打开命令行terminal
- 运行docker login 192.172.21.246:8083
- 输入账号和密码：admin/admin123
- 运行mvn deploy



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