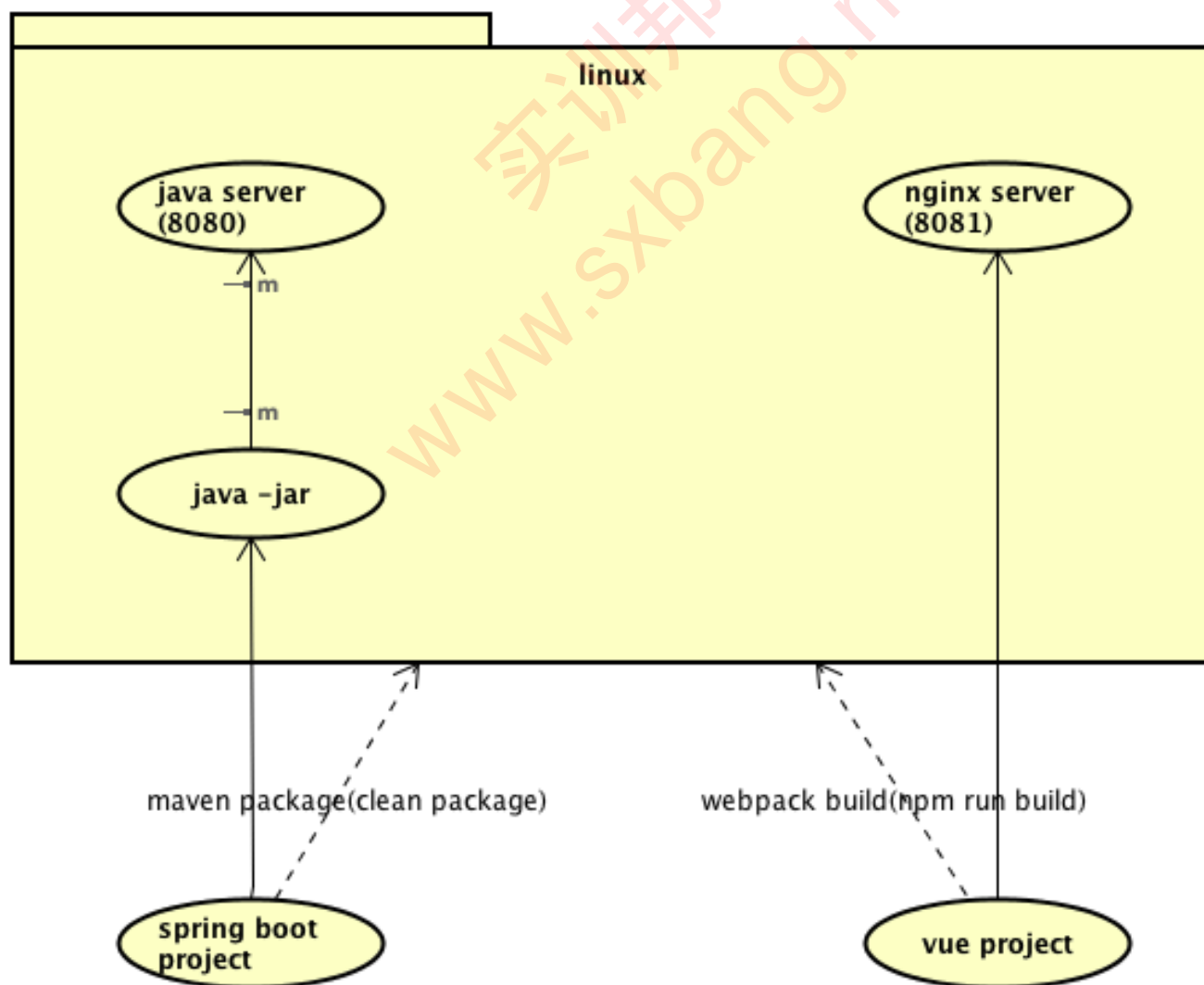# 前后端分离打包发布

目录

目标任务

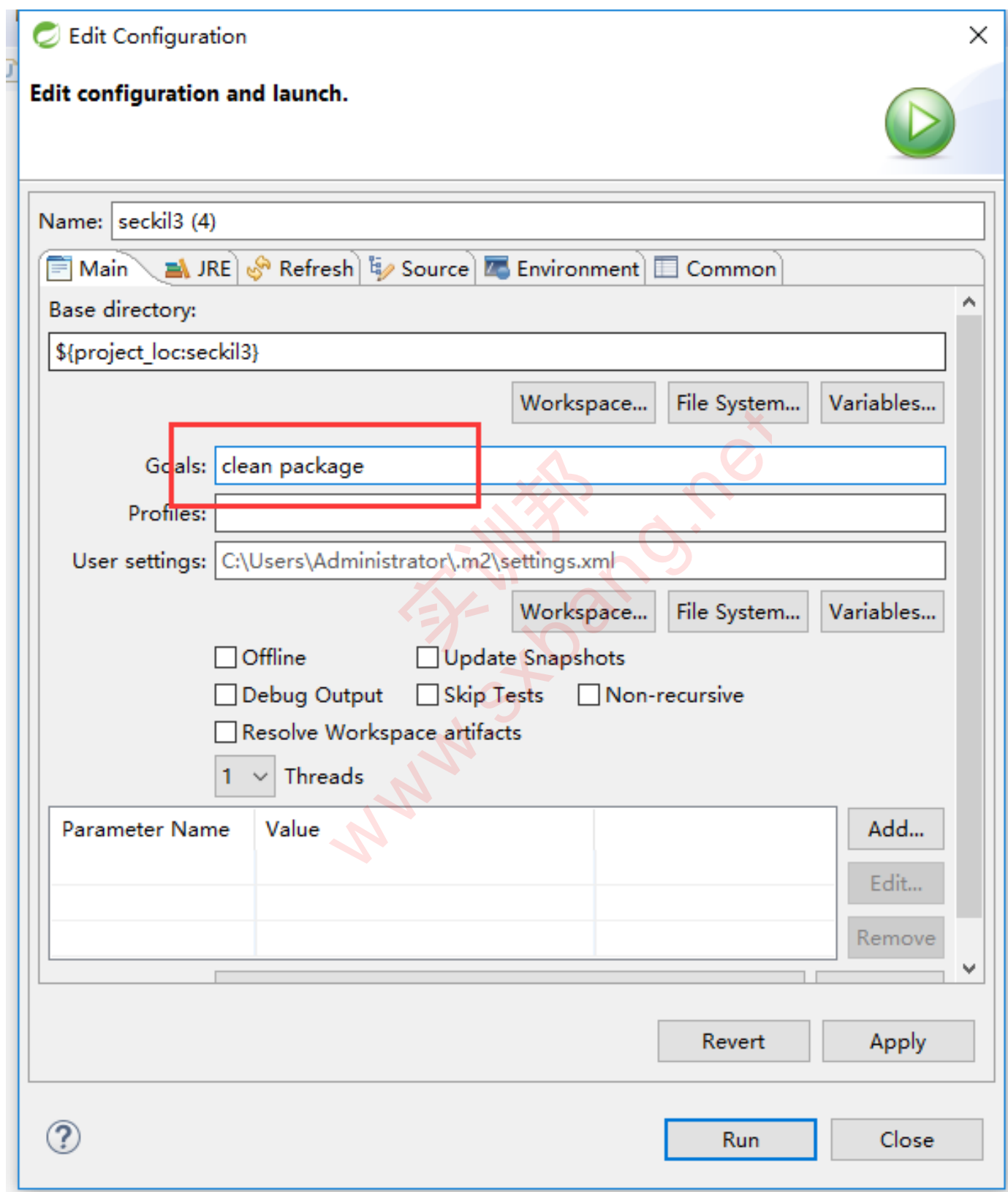- Spring Boot 后端打包发布

- 前端打包发布到 nginx

相关知识点

- maven 打包

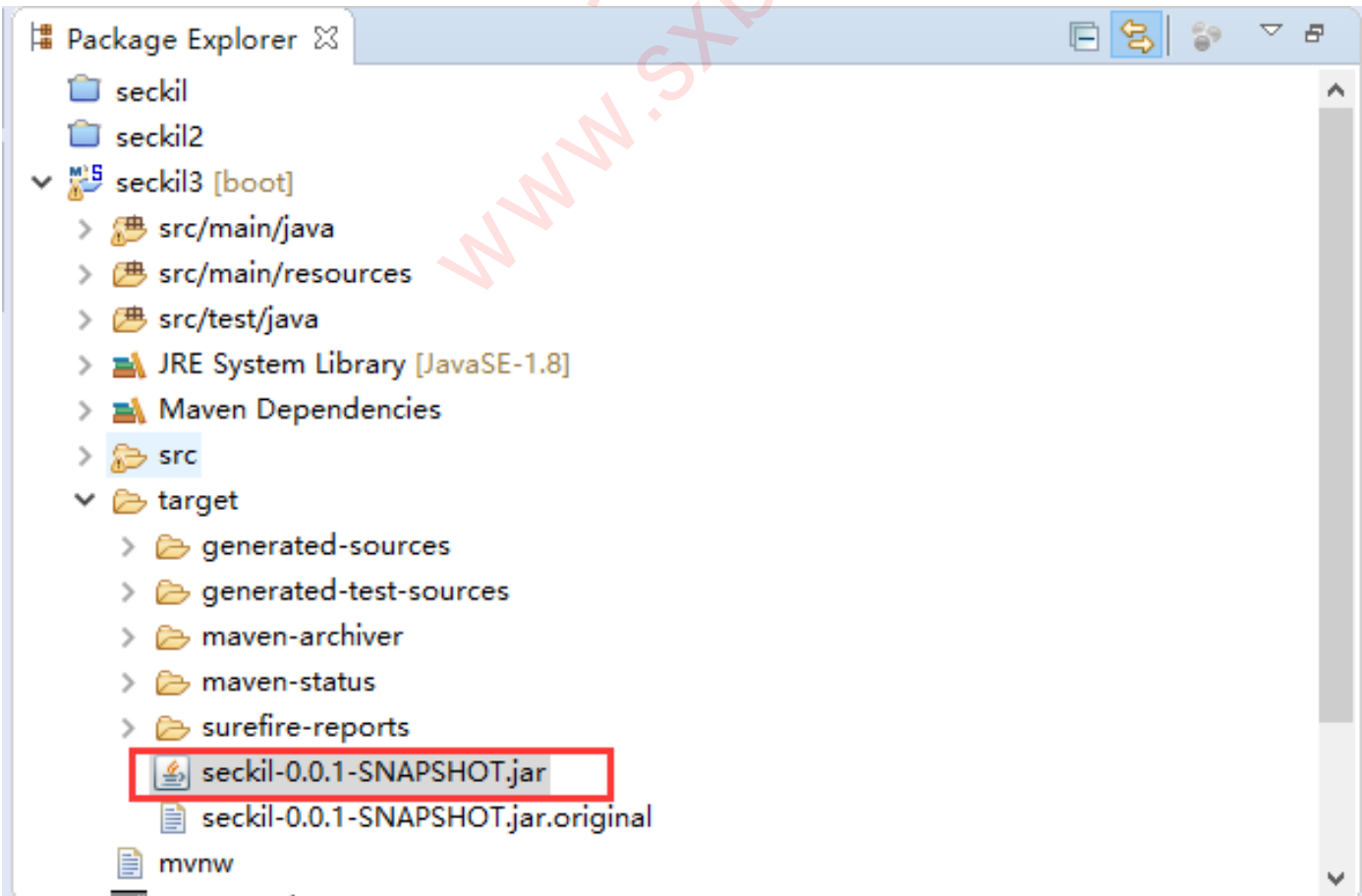- linux 以服务的形式发布 jar

- vue 打包

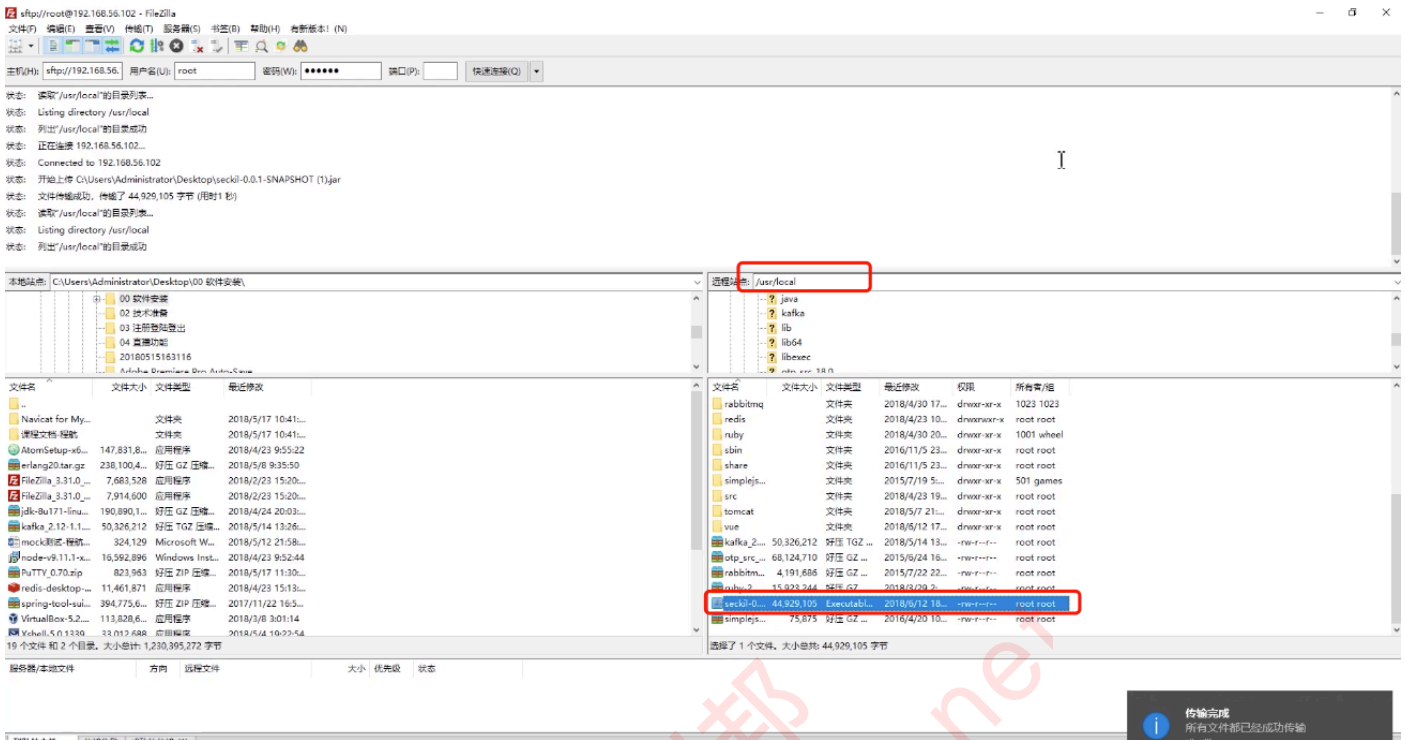- nginx 配置发布

思路分析

编码步骤

- 打包后端代码

```
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.0.0.M5/org.eclipse.sisu.inject-0.0.0.M
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.1/plexus-classworlds-2.5.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.5.1/plexus-classworlds-2.5.1.jar (49 KB
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-model/3.1.1/maven-model-3.1.1.jar (151 KB at 263.3 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.1/maven-plugin-api-3.1.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.1.1/maven-plugin-api-3.1.1.jar (44 KB at 85.1
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-settings/3.1.1/maven-settings-3.1.1.jar (41 KB at 79.0 KB/
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.4/maven-common-artifact-
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.4/maven-common-artifact-f
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.8.1/plexus-archiver-2.8.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.8.1/plexus-archiver-2.8.1.jar (140 KB at 24
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.3.2/plexus-io-2.3.2.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.3.2/plexus-io-2.3.2.jar (73 KB at 135.3 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/2.2/maven-shade-plugin-2.2.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-shade-plugin/2.2/maven-shade-plugin-2.2.jar (98 KB
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-compat/3.0/maven-compat-3.0.jar (279 KB at 440.9 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/1.0-beta-6/wagon-provider-api-1.0-beta-
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/wagon/wagon-provider-api/1.0-beta-6/wagon-provider-api-1.0-beta-
[INFO] Downloading: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/asm/asm/3.3.1/asm-3.3.1.jar (43 KB at 81.5 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/asm/asm-commons/3.3.1/asm-commons-3.3.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/asm/asm-commons/3.3.1/asm-commons-3.3.1.jar (38 KB at 72.7 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/asm/asm-tree/3.3.1/asm-tree-3.3.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/asm/asm-tree/3.3.1/asm-tree-3.3.1.jar (22 KB at 41.3 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/jdom/jdom/1.1/jdom-1.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/jdom/jdom/1.1/jdom-1.1.jar (150 KB at 259.6 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/2.1/maven-dependency-tree-2.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/2.1/maven-dependency-tree-2.1.jar (
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/vafer/jdependency/0.7/jdependency-0.7.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/vafer/jdependency/0.7/jdependency-0.7.jar (12 KB at 22.8 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/asm/asm-analysis/3.2/asm-analysis-3.2.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/asm/asm-analysis/3.2/asm-analysis-3.2.jar (18 KB at 33.8 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/asm/asm-util/3.2/asm-util-3.2.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/asm/asm-util/3.2/asm-util-3.2.jar (36 KB at 68.8 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/com/google/guava/guava/11.0.2/guava-11.0.2.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/google/guava/guava/11.0.2/guava-11.0.2.jar (1610 KB at 1193.2 KB/sec)
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 01:48 min
[INFO] Finished at: 2018-06-08T11:40:09+08:00
[INFO] Final Memory: 48M/505M
[INFO] ------------------------------------------------------------------------
```

- jar 文件到 linux 服务器中

- 在 linux 中，添加一个文件/etc/systemd/system/seckill.service，并输入内容

```
[Unit]

Description=seckill

After=syslog.target


[Service]

ExecStart=/usr/local/java/jdk/bin/java -jar /usr/local/seckil-0.0.1-SNAPSHOT.jar


[Install]

WantedBy=multi-user.target
```

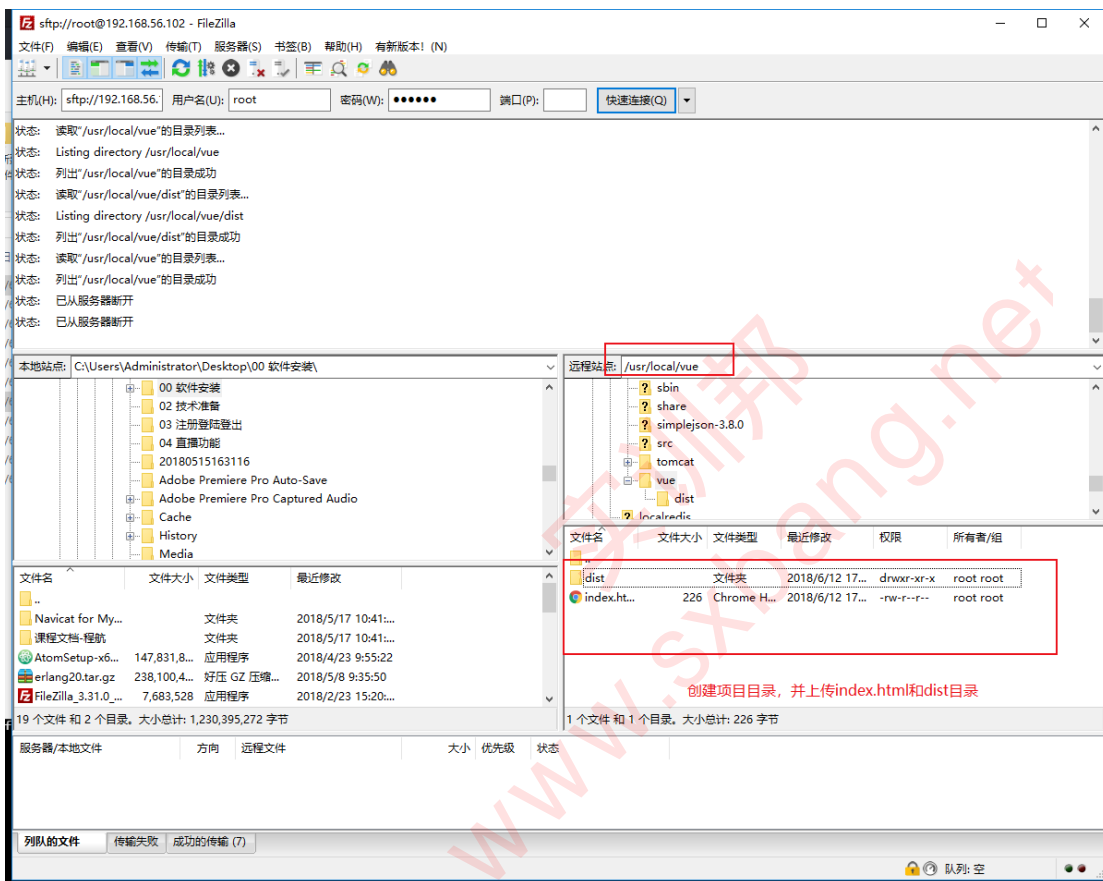- 使用 service seckill start 命令启动服务，要停止的话，就执行 service seckill stop

========================= 前端部分 =========================

- 打包前端代码并上传 dist 目录和 index.html 到 linue 服务器上

- 修改/etc/nginx/conf.d/default.conf 文件，并添加以下内容，**其中 root 后面的目录一定要和上传的 index.html,dist 目录是一致的。**

```
server {
    listen 8081;
    location / {
        root /usr/local/vue;
        index index.html;
    }
}
```

- nginx 常用命令：
  - 启动：nginx
  - 重启：nginx -s reload
  - 停止：nginx -s stop

源码参考

N/A

回马枪总结

- 注意 maven 打包时检查环境

- linux 里以服务形式启动 jar 时，要添加一个.service 的文件

- linux 里配置和启动 nginx，注意 root 的路径要正确