# Jenkins+sonarqube

## 安装DOCKER

Remove old version

$ sudo yum remove docker

install

$ sudo yum search docker

$ sudo yum -y install <FULLY-QUALIFIED-PACKAEGE-NAM>

Service start

$ sudo systemctl start docker

testing

$ sudo docker run hello-world

## 部署MYSQL

mkdir –p /apps/db

docker run -d --restart=always --name mysql\_sonarqube\_service --privileged=true -v /apps/db:/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=sonarqube -p 3306:3306 docker.io/mysql

#帐号密码 root/sonarqube

建库 sonar SonarQube应用需要用到

## 部署SonarQube

mkdir –p /apps/sonarqube/data

docker run -d --restart=always --privileged=true --name sonarqube --link mysql\_sonarqube\_service:db -e SONARQUBE\_JDBC\_USERNAME=root -e SONARQUBE\_JDBC\_PASSWORD=sonarqube -e SONARQUBE\_JDBC\_URL="jdbc:mysql://db:3306/**sonar**?useUnicode=true&characterEncoding=utf8" -p 9000:9000 -v /apps/sonarqube/data:/opt/sonarqube/data sonarqube

#帐号密码 admin/admin

## 部署jenkins

mkdir –p /apps/jenkins/data

docker run -d --name jenkins --privileged=true -p 80:8080 -p 50000:50000 -v /apps/jenkins/data:/var/jenkins\_home jenkinsci/blueocean

安装maven

cd /apps/jenkins/data

wget <http://mirrors.shu.edu.cn/apache/maven/maven-3/3.5.2/binaries/apache-maven-3.5.2-bin.tar.gz>

tar –xzvf apache-maven-3.5.2-bin.tar.gz

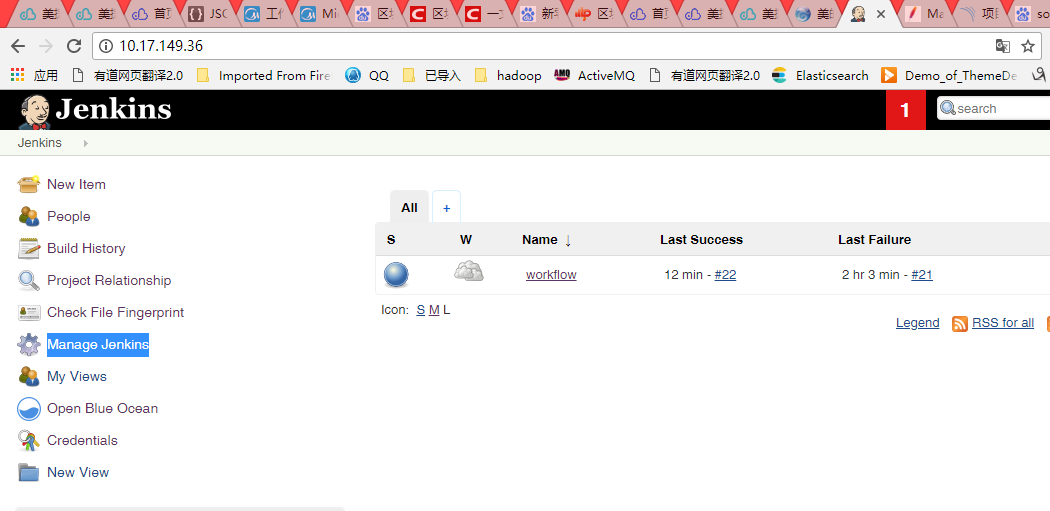
mv /apps/jenkins/data/apache-maven-3.5.2-bin /apps/jenkins/data/maven

#设置 maven/conf/setting.xml 的本地仓库路径

mkdir –p /apps/jenkins/data/repo

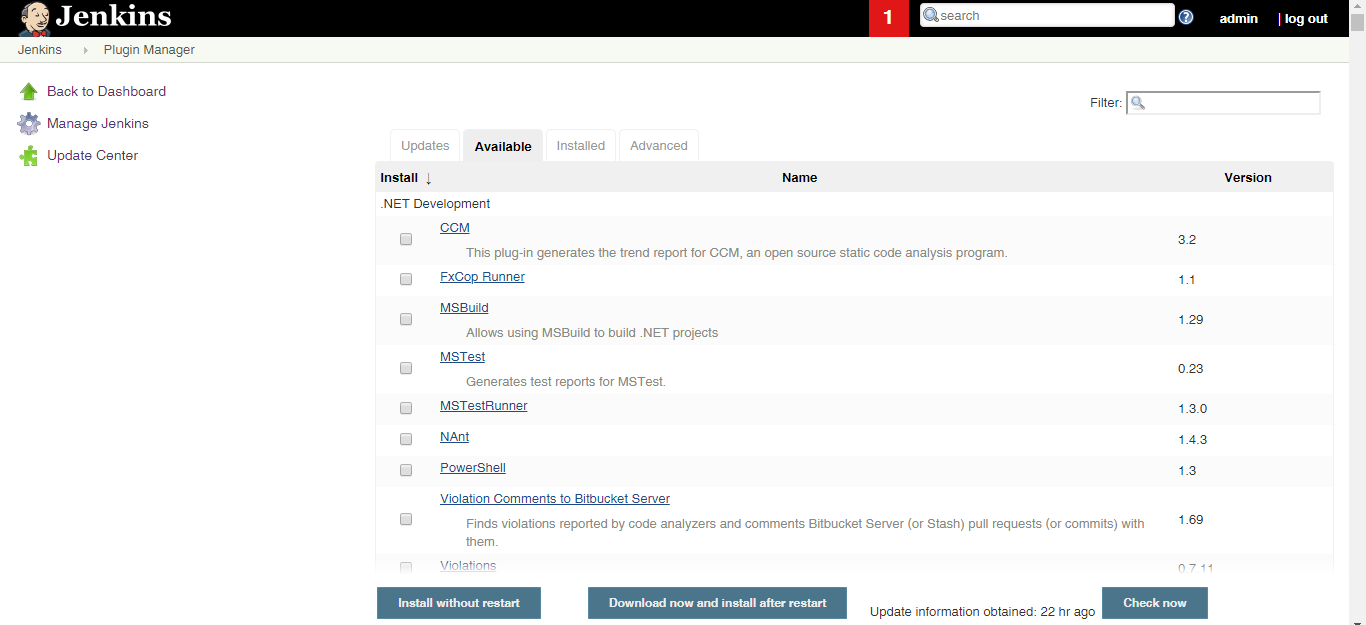
<localRepository>/var/jenkins\_home/maven/repo</localRepository>

打开Jenkins主页 <http://localhost>



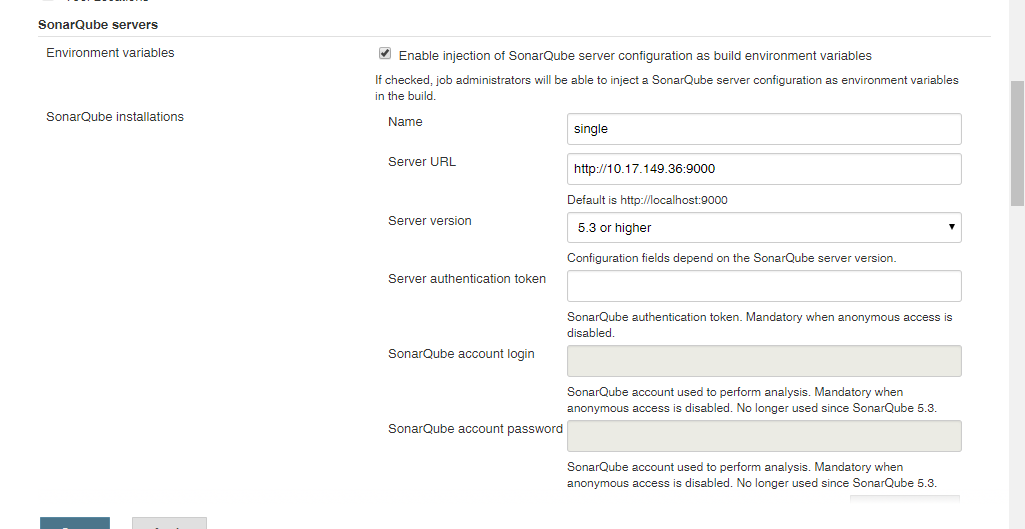
安装插件 [Manage Jenkins](http://10.17.149.36/manage)🡪[Manage Plugins](http://10.17.149.36/pluginManager)

需要用到插件: [SonarQube](http://www.sonarqube.org/)、git、maven



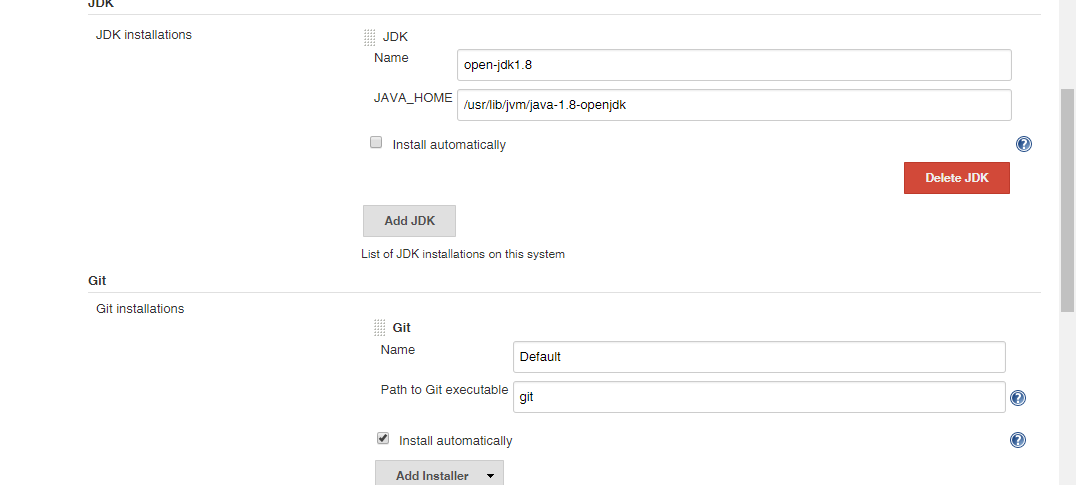
基础配置进入 [Manage Jenkins](http://10.17.149.36/manage)🡪 [Configure System](http://10.17.149.36/configure)

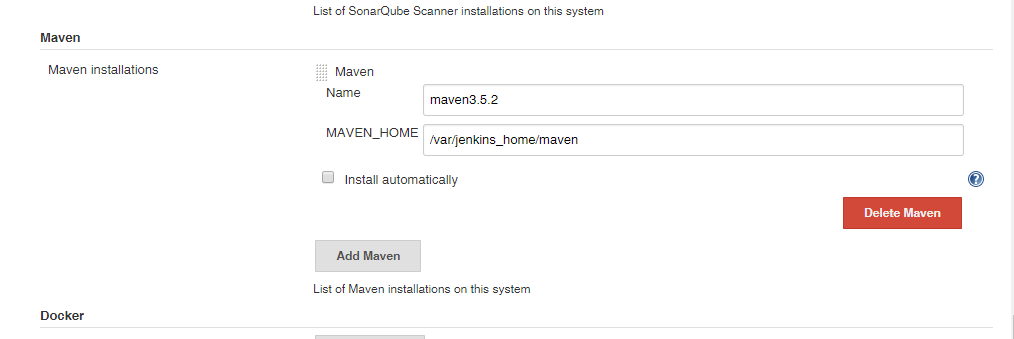
配置sonar server（可以不配置）



全局配置基础进入 [Manage Jenkins](http://10.17.149.36/manage)🡪 [Global Tool Configuration](http://10.17.149.36/configureTools)

配置JDK、GIT、 MAVEN



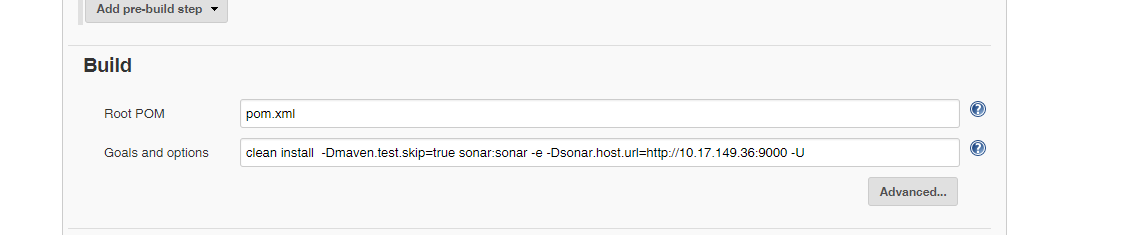


增加扫描任务

只需要在mvn命令行添加参数即可;

#http://10.17.149.36:9000 过个是sonar应用服务的URL

sonar:sonar -e -Dsonar.host.url=http://10.17.149.36:9000



任务完成即可到sonar应用查看扫描结果

<http://localhost:9000/projects>

