**SONARQUBE**

**Prerequisites :**

1. **Java 1.7 + { recommended 1.8 }**
2. **MySql 5.6+**

**Install Java 1.8**

**============**

**# sudo yum -y install java-1.8.0-openjdk**

**# sudo yum -y install java-1.8.0-openjdk-devel**

**# java -version** ***{ confirm java version}***

**Install MySql 5.6+ { for production use }**

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**# wget http://repo.mysql.com/mysql-community-release-el7-5.noarch.rpm**

**# sudo rpm -ivh mysql-community-release-el7-5.noarch.rpm**

**# sudo yum -y install mysql-server**

**# sudo systemctl start mysqld**

**# sudo mysql\_secure\_installation**

**# sudo mysql -u root -p**

**# CREATE DATABASE sonar;**

**# CREATE USER 'sonar' IDENTIFIED BY 'sonar';**

**# GRANT ALL ON sonar.\* TO 'sonar'@'localhost' IDENTIFIED BY 'sonar';**

**# FLUSH PRIVILEGES;**

**Sonarqube Installation**

**===================**

Visit<https://www.sonarqube.org/downloads/>

# wget the latest version [LTS]

# unzip <file>

# cd sonar/conf

# vim **sonar.properties**

Changes to make in **sonar.properties**

**==============================**

**# sonar.jdbc.username=sonar**

**# sonar.jdbc.password=sonar**

**# uncomment sonar.jdbc.url of MySQL 5.6**

**# uncomment sonar.web.host=0.0.0.0**

**# uncomment sonar.web.port=9000**

**# cd sonarqube-6.7/bin**

**# cd linux-x86-64**

**# ./sonar.sh start**

**Browse the sonarqube dashboard on**

[http://ip-addr:9000/](http://ip-addr:8081/nexus)

Now browse to one of the maven projects and do mvn sonar:sonar.  
  
# cd SampleApp  
# mvn compile sonar:sonar  
  
# git clone <https://github.com/wakaleo/game-of-life># cd game-of-life

**# mvn compile sonar:sonar**