



**FREE eBook**

# LEARNING sonarqube

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**#sonarqube**

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# About

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: [sonarqube](#)

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# Chapter 1: Getting started with sonarqube

## Remarks

This section provides an overview of what sonarqube is, and why a developer might want to use it.

It should also mention any large subjects within sonarqube, and link out to the related topics. Since the Documentation for sonarqube is new, you may need to create initial versions of those related topics.

## Versions

Version	Release Date
6.4	2017-06-02
6.3	2017-03-14
6.2	2016-12-14
6.1	2016-10-13
6.0	2016-08-04
5.6	2016-06-08
5.5	2016-05-19
5.4	2016-04-01
5.3	2016-01-28
5.2	2015-11-26
5.1	2015-04-23
5.0	2015-01-28

## Examples

### Installation or Setup

Sonarqube uses database for storing its results and analysis. You can install MySQL for example and run it using `mysql -u root -p` and then run the following queries to set up the database tables.

```
CREATE DATABASE sonar CHARACTER SET utf8 COLLATE utf8_general_ci;
CREATE USER 'sonar' IDENTIFIED BY 'sonar';
GRANT ALL ON sonar.* TO 'sonar'@'%' IDENTIFIED BY 'sonar';
GRANT ALL ON sonar.* TO 'sonar'@'localhost' IDENTIFIED BY 'sonar';
FLUSH PRIVILEGES;
```

then you need to download the sonarqube from their website, for example you can use `wget` to do it as shown below. Choose the appropriate sonarqube version required.

```
wget https://sonarsource.bintray.com/Distribution/sonarqube/sonarqube-5.6.zip

unzip sonarqube-5.6.zip
mv sonarqube-5.6 /opt/sonar
```

Open `/opt/sonar/conf/sonar.properties` with vim editor, and modify it as shown below.

```
sonar.jdbc.username=sonar
sonar.jdbc.password=sonar

sonar.jdbc.url=jdbc:mysql://localhost:3306/sonar?useUnicode=true&characterEncoding=utf8&rewriteBatched
```

these setup the database and the user name, password for that. To setup server on port 9000 add the below configurations

```
sonar.web.host=127.0.0.1
sonar.web.context=/sonar
sonar.web.port=9000
```

this sets up all the required configurations. now you can start the service using this command `sudo /opt/sonar/bin/linux-x86-64/sonar.sh start`. replace the start keyword with `stop` to shutdown the server.

for more information and configurations you can visit -

<http://docs.sonarqube.org/display/SONAR/Installing+the+Server>

Read **Getting started with sonarqube** online: <https://riptutorial.com/sonarqube/topic/5282/getting-started-with-sonarqube>

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# Credits

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