

Tutorial SonarQube

1. [Download SonarQube](#)
2. [Download SonarQube Scanner](#)
3. [Download Test Code](#)
4. Unzip downloaded folders
5. Start SonarQube Server

Windows:

C:\sonarqube\bin\windows-x86-xx\StartSonar.bat

Unix:

/etc/sonarqube/bin/[OS]/sonar.sh console

6. Analyze the Test Code

Windows:

cd C:\sonar-scanning-examples\sonarqube-scanner

C:\sonar-scanner\bin\sonar-scanner.bat

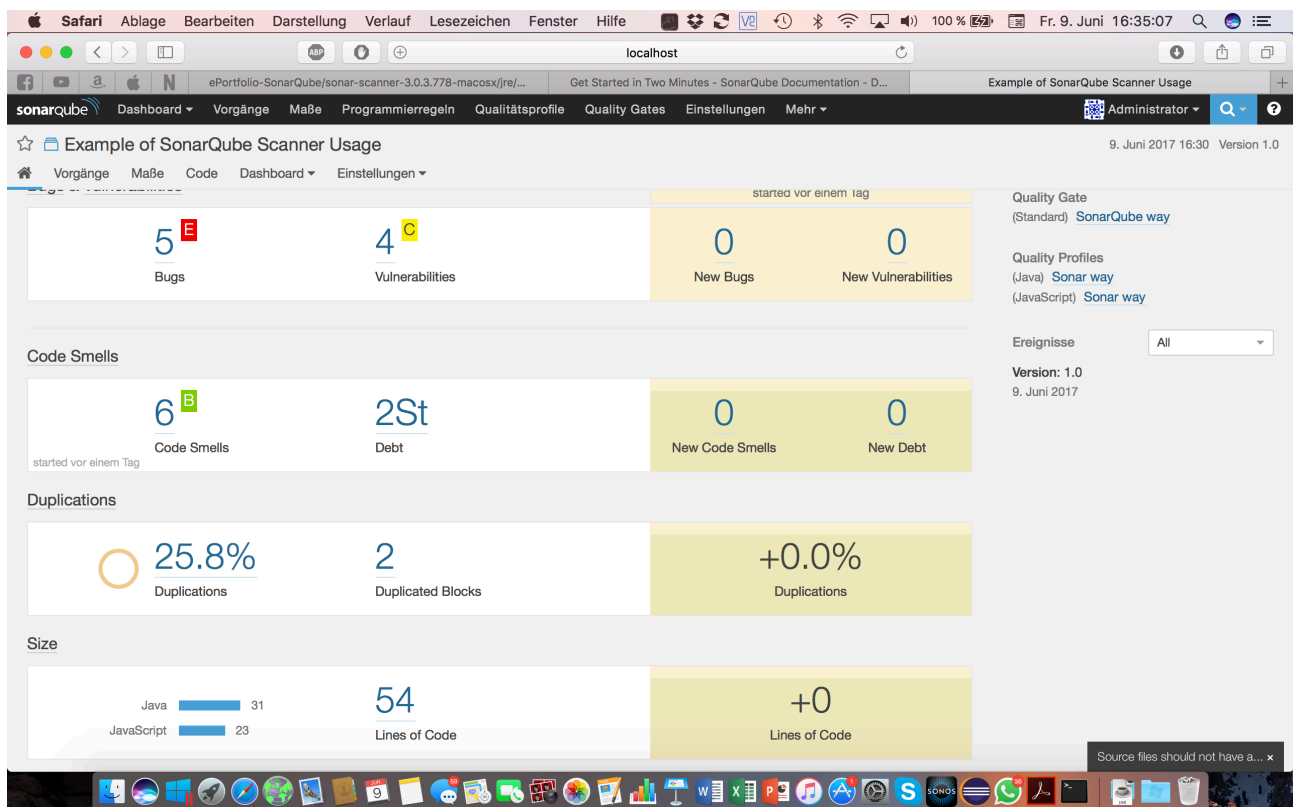
Unix:

cd /etc/sonar-scanning-examples/sonarqube-scanner

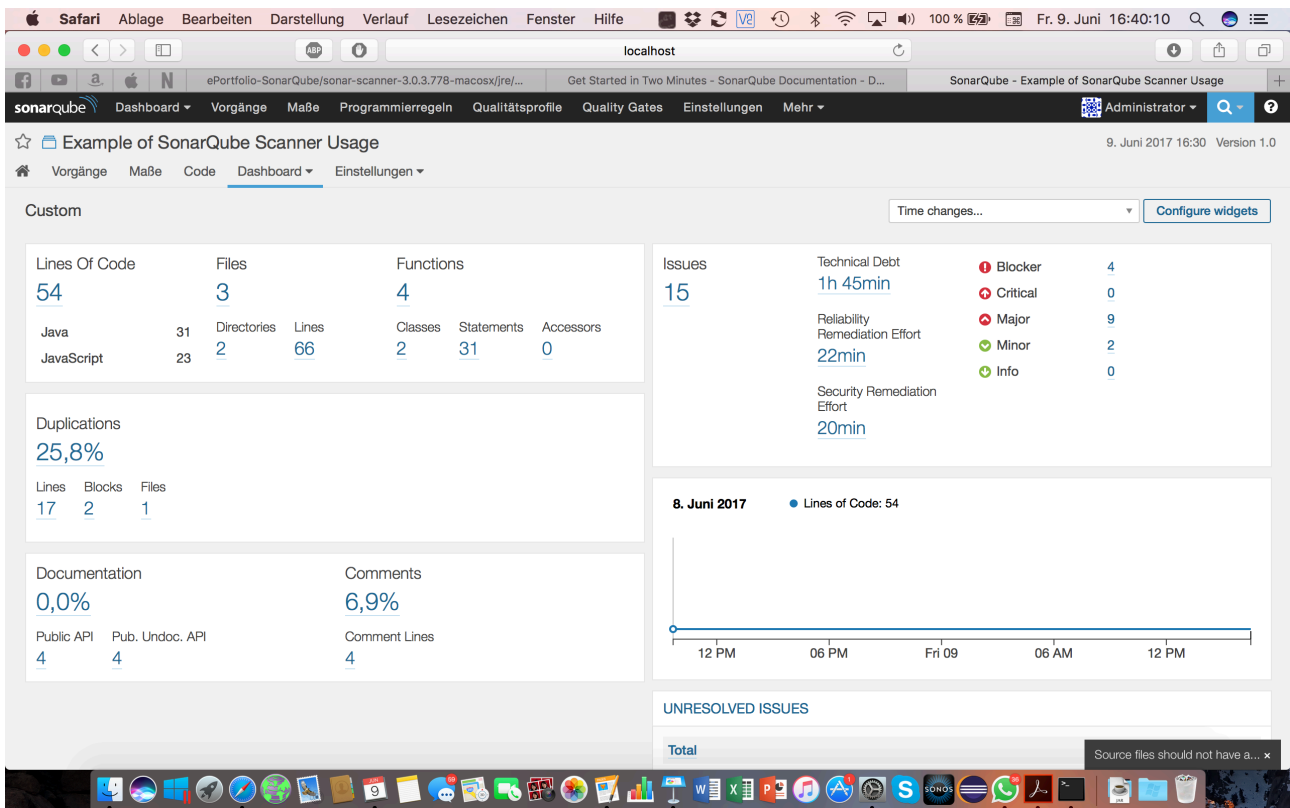
/etc/sonar-scanner/bin/sonar-scanner

7. Browse results at <http://localhost:9000> (Login admin/admin)

Front page:

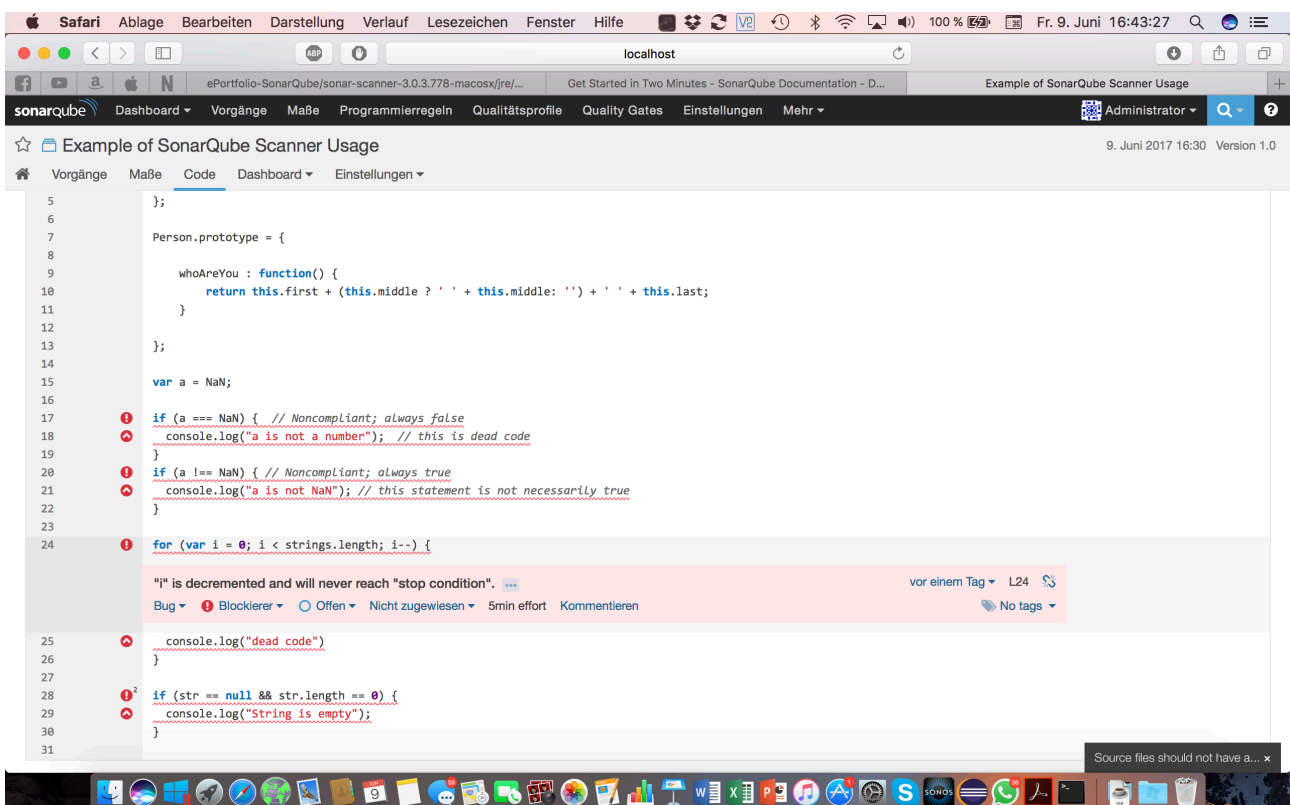


Here you can see an overview of all important things (e.g. Bugs, Code Smells and Duplications) Under „Dashboard“ you can find a more detailed overview. In addition you can customize the dashboard.



Here you can see how much lines of code you have written and how man issues this code have. Also SonarQube predicts the time how much you must spend to fix the various issues. Moreover the proportion of comments are displayed too.

When you browse to „Code“ you can click on your code to see whats wrong with hit. Here for example you see some JavaScript Code which have some issues.



When you click on one of the red mark at the right side of the code, you can get a detailed view of whats the exact issues.

In this case SonarQube detects that in line 24 the stop condition of the for-loop will never be reached because i gets decremented.

Plugins can be installed if your an Admin (admin/admin for login) under „Administration“ —> „System“ —> „Update Center“ —> „Available“