sb-github-jenkinsfile-sonarqube-readme

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* required java 11 setup in environment variable

Download and install

* Jenkins,
* Setup Github account,
* sonarqube directly from website.

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Once installing sonarqube

Unzip and to till **LIB folder** based on your windows or mac

D:\softwares\sonarqube-8.7.0.41497\bin\windows-x86-64>

Then from there open commandpromt

Then type StartSonar

D:\softwares\sonarqube-8.7.0.41497\bin\windows-x86-64> StartSonar

To make sonar up and run, must should be install java 11, it look for java 11 or above.

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Default port localhost:9000 for sonarqube

Once it is up and running in browser,

It will ask for username and password

(default) username and password is admin.

Go to administrator 🡪 myaccount 🡪 security 🡪 generate new token by passing as

Admin or Test.

It will generate token copy 🡪 c85627bc530b9bb3d3bee1fb6f76644fa7b42003

and keep in some place as

-Dsonar.login=myAuthenticationToken

-Dsonar.login=c85627bc530b9bb3d3bee1fb6f76644fa7b42003

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create a Springboot with some testcase application.

Run and execute.

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Add sonarqube dependency in pom.xml

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Now Push and commit the application to Github.

Create repository in github. Push the code from eclipse to github

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Now open Jenkins in browser

Localhost:8085.

Username and password is admin.

Here

create a job🡪 Give name to job

then add some description about project

* in source code management 🡪 give github project url
* come to last to build
  + invoke top-level maven target
  + maven version as default
  + Goals 🡪 clean verify sonar:sonar -Dsonar.login=c85627bc530b9bb3d3bee1fb6f76644fa7b420

Then finally apply and save.

Click on 🡪 Build Now

Our application will execute as Success and open the sonarqube 🡪 check application coverage.

ThankYou.