SonarQube setup in Windows

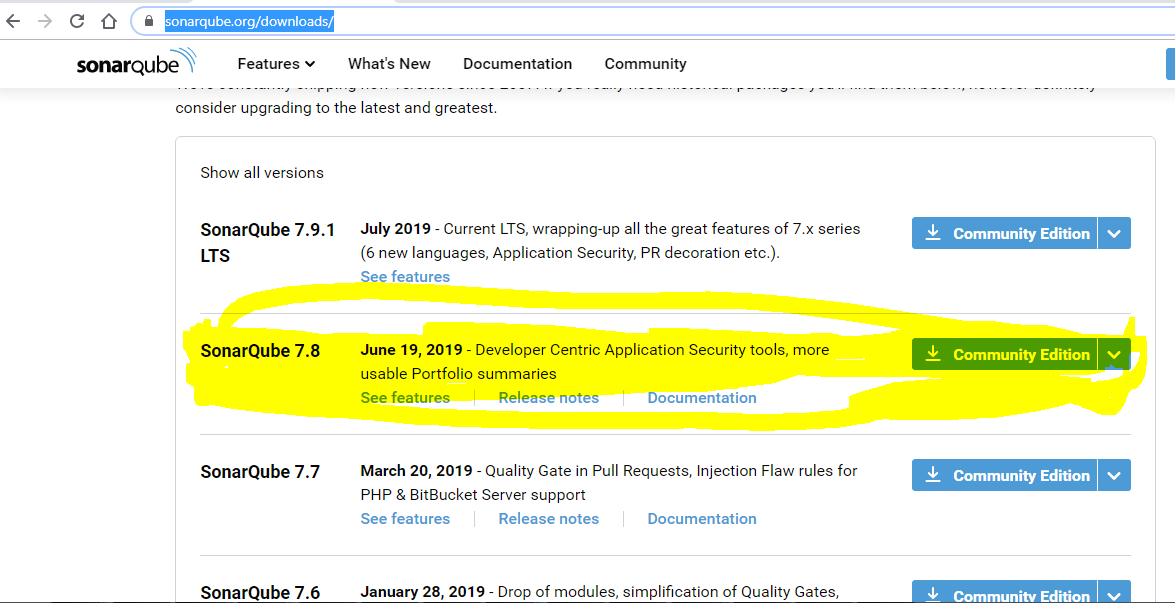
**With this setup we can connect and run the scan with local code until we get cloud URL from the client**

Required: Sonarcube Server and Sonarcube Scanner

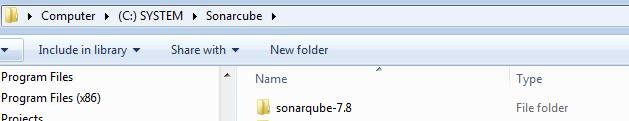
**Setup Sonarcube server**

Download SonarQube community server with this link <https://www.sonarqube.org/downloads/>

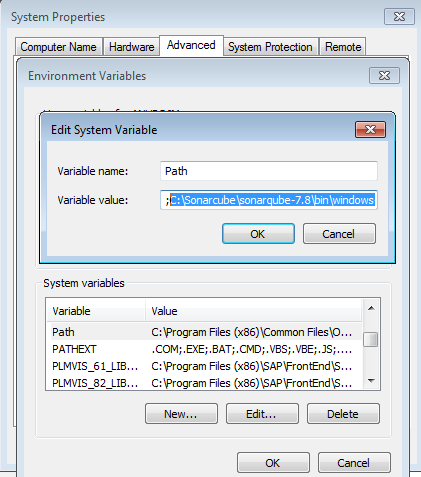
Download SonarQube 7.8 -> java 8 is required (and for all higher versions required JDK 11)



**Place the downloaded zip file in one place and Extract**



**Add this path in Environment variables C:\Sonarcube\sonarqube-7.8\bin\windows-x86-64**

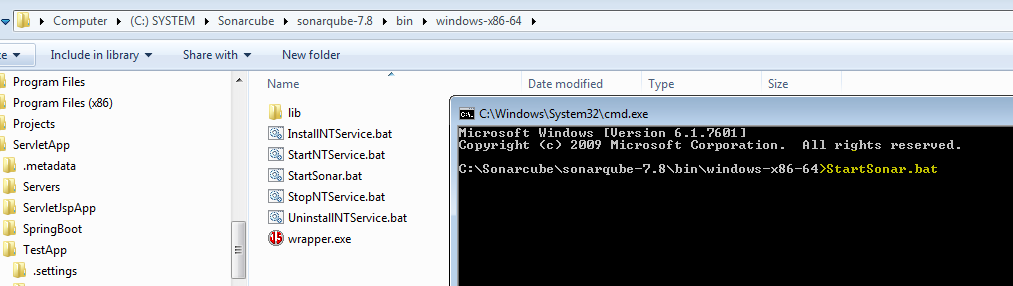


**Now Server is configures**

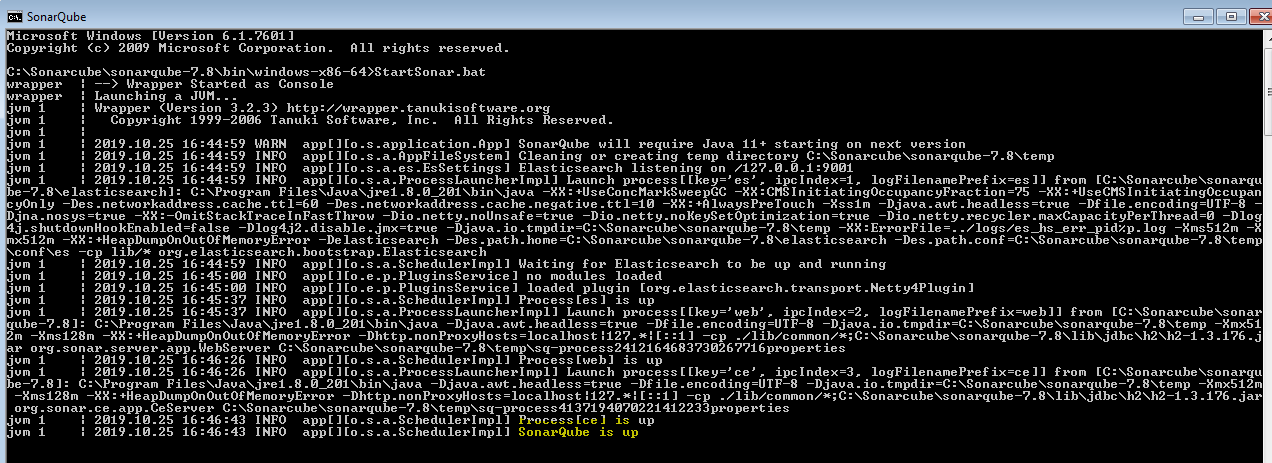
**To Start the Sonarcube server**

**Go to this path C:\Sonarcube\sonarqube-7.8\bin\windows-x86-64 in CMD**

**Type StartSonar.bat**

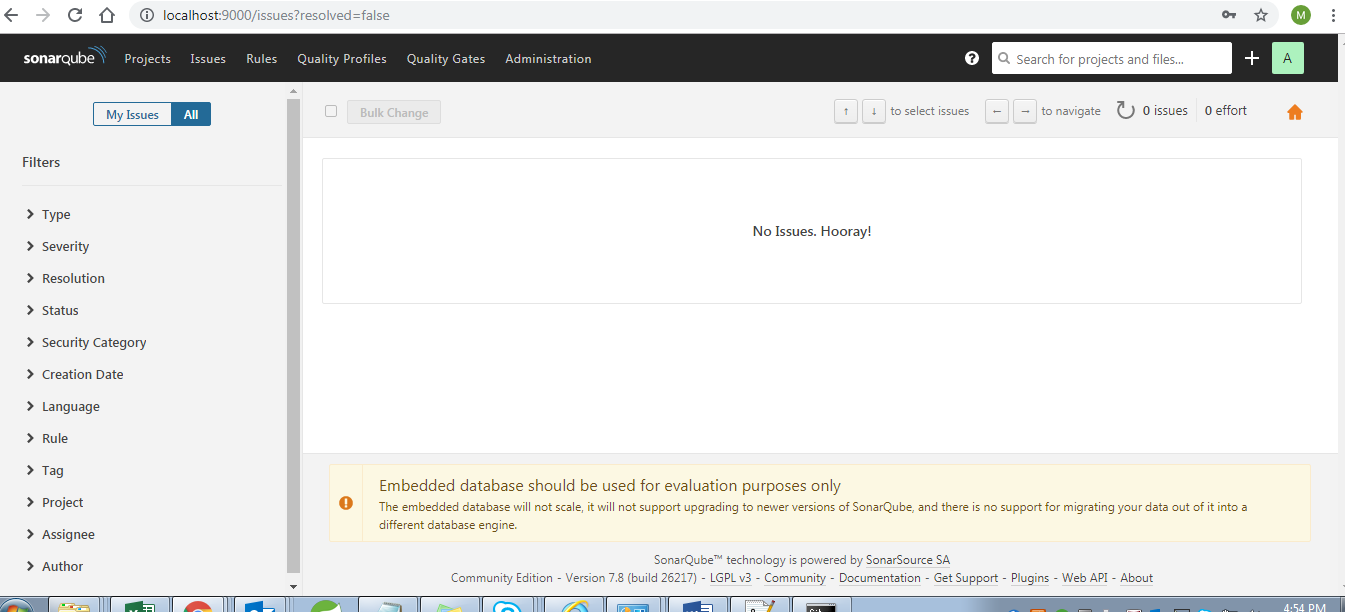


**Now Server will be started**



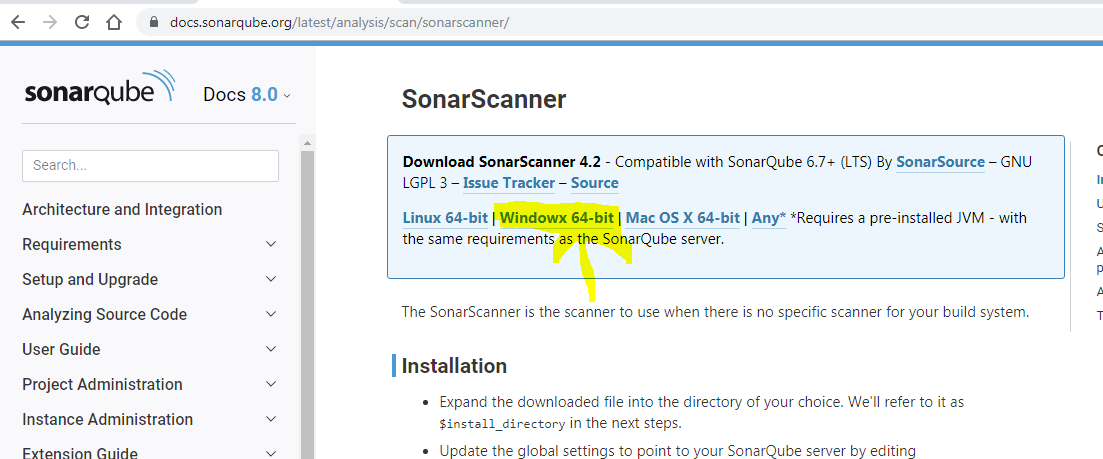
We can access the application http://localhost:9000/

Click on login and enter user name admin and password admin

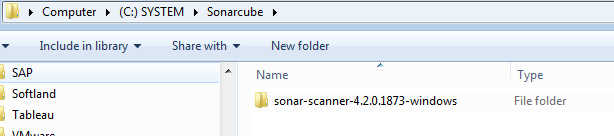


Now Setup the Sonarcube scanner

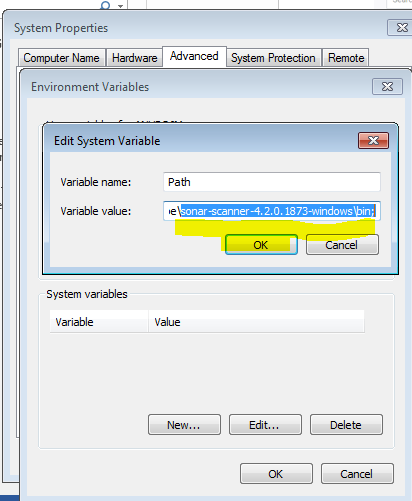
Go to this link and download <https://docs.sonarqube.org/latest/analysis/scan/sonarscanner/>



**Place the downloaded zip file in one place and Extract**

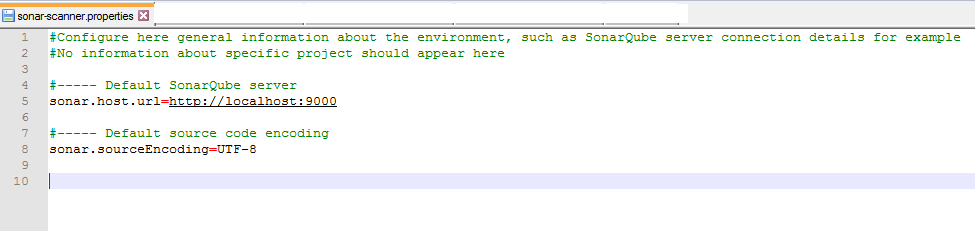


**Add this path in Environment variables C:\Sonarcube\sonar-scanner-4.2.0.1873-windows\bin;**

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**Now open sonar-scanner.properties file from the location C:\Sonarcube\sonar-scanner-4.2.0.1873-windows\conf\sonar-scanner.properties**

**Edit the above file as below and click on save**

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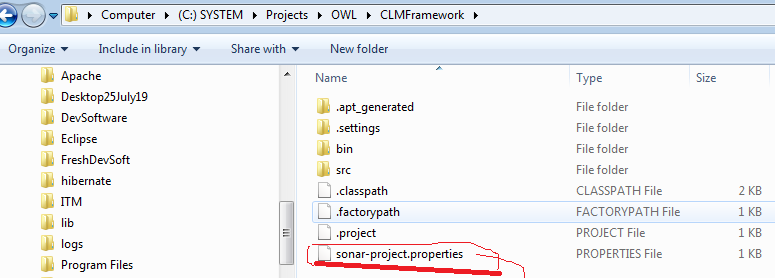
**====Now Sonarcube server and sonarqube scanner setup is done=====================**

**Running the Socanqube scan for a project**

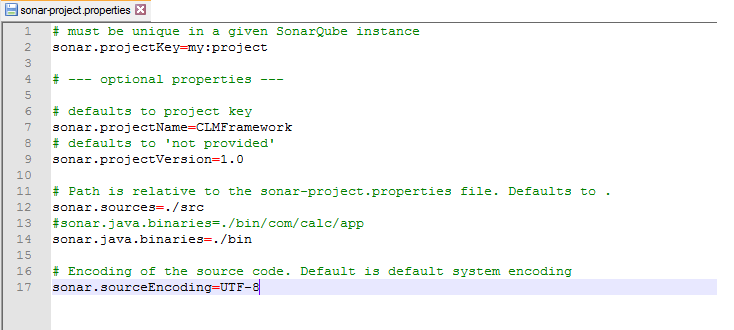
**For fast scan result, scan the particular project for example CLMFramework project**

**To run the scan for the above scan, do the following**

**Add the property files in this path C:\Projects\OWL\CLMFramework**

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**This sonar-project.properties file contains some configuration**

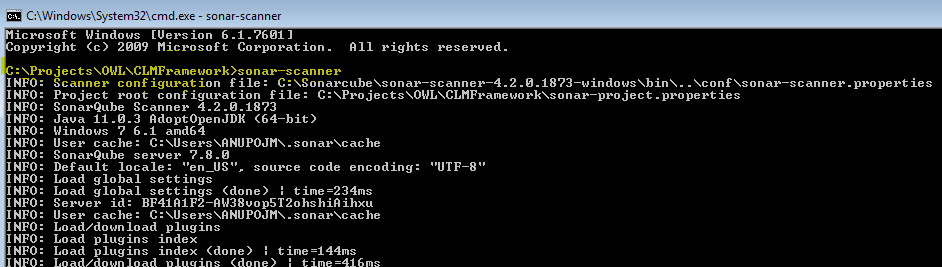
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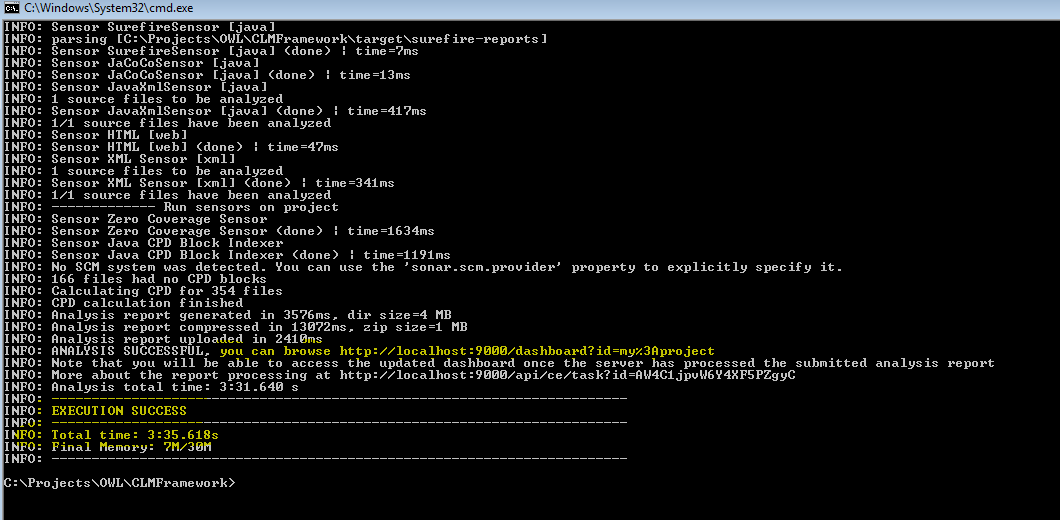
**Now start the scanner as below**

**Go to this path C:\Projects\OWL\CLMFramework in CMD and type this command sonar-scanner**

**Now it will start scanning**

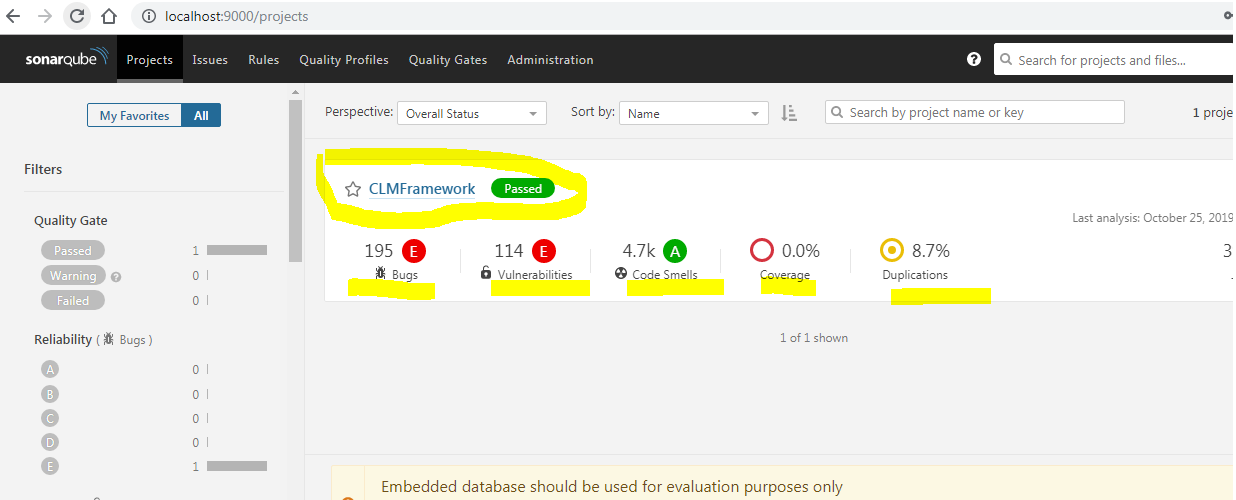
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**Once scan is done we get the below message**

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**Now we can see the result at** <http://localhost:9000/projects>

Scanned only one project CLMFramework(Results will be fast if only project is scanned at a time)

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