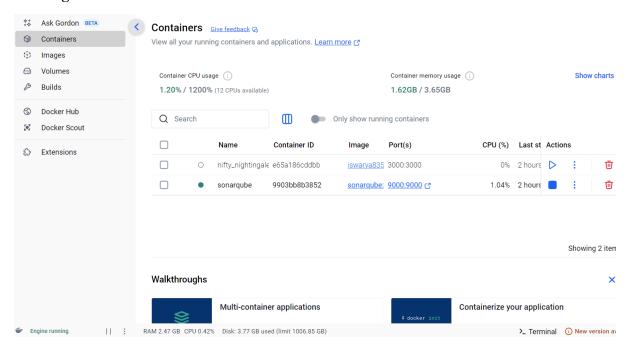
Setting Up SonarQube for Node.js

RUN SONARQUBE LOCALLY WITH DOCKER

Step 1: Start Docker Desktop

Make sure Docker is running. Open Docker Desktop \rightarrow wait until it says "**Docker is running**".



Step 2: Run SonarQube container

Run this in **PowerShell or CMD**:

docker run -d --name sonarqube -p 9000:9000 sonarqube:lts

```
PS C:\Users\vinit\Documents\MovieAreasAPI> docker run -d --name sonarqube -p 9000:9000 sonarqube:lts

>>
Unable to find image 'sonarqube:lts' locally
lts: Pulling from library/sonarqube

1d387567261e: Pull complete

88f81c124c7b: Pull complete

1791a8ed1ca8: Pull complete

1904063b69b5d: Pull complete

1824101659b5: Pull complete

1025d8490d5d: Pull complete

593dfbe5cafe: Pull complete

593dfbe5cafe: Pull complete

Digest: sha256:76896f724b93f4ece73c1c71006d19a1d057f58025f42ee18f12cb7f04904c7f

Status: Downloaded newer image for sonarqube:lts

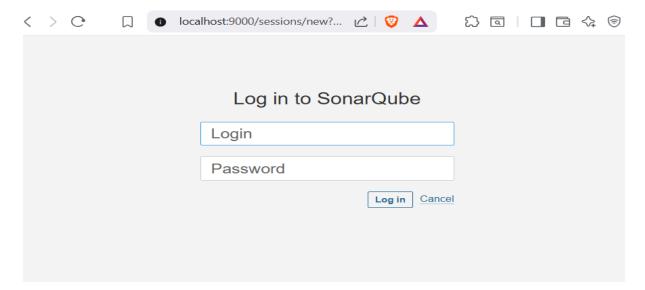
d8d1d6850fc13a1f689cbc06877858dc6f664fb82745b67822935c0fa6cf44ac

PS C:\Users\vinit\Documents\MovieAreasAPI>
```

Step 3: Open SonarQube in browser

Go to:

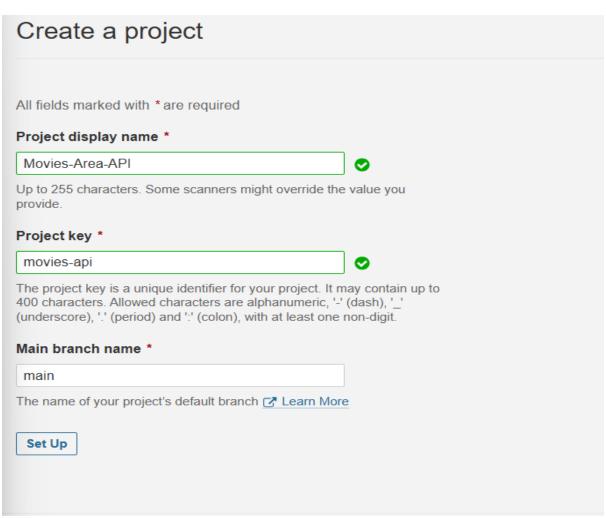
http://localhost:9000



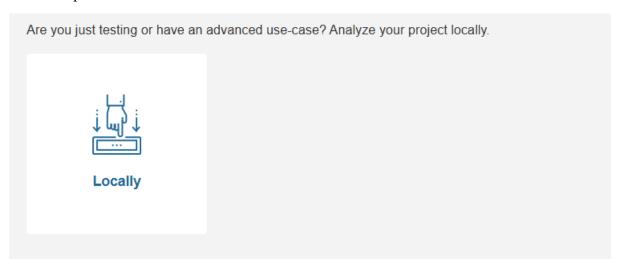
Login: admin

Password: admin

STEP 4: CREATE PROJECT MANUALLY



Click setup



Click locally

Analyze "Movies-Area-API": sqp_aa8788b252a3f93ab420f5b9f6024606f2a23d35

compromised, you can revoke it at any point in time in your <u>user account</u>.



Continue



Run analysis on your project

What option best describes your build?

```
Maven Gradle .NET Other (for JS, TS, Go, Python, PHP, ...)
```

Download and unzip the Scanner for Windows

Visit the of official documentation of the Scanner to download the latest version, and add the bin directory to the

Execute the Scanner

Running a SonarQube analysis is straighforward. You just need to execute the following commands in your project's

```
sonar-scanner.bat -D"sonar.projectKey=movies-api" -D"sonar.sources=." -D"sonar.host.url=http://loca
```

Please visit the <u>r</u> official documentation of the Scanner for more details.

Is my analysis done? If your analysis is successful, this page will automatically refresh in a few moments.

You can set up Pull Request Decoration under the project settings. To set up analysis with your favorite CI tool, see I

Check these useful links while you wait: The Branch Analysis, Pull Request Analysis.

Download sonar scanner manually then step up the path. (in environment variable)

After that create sonar-project.properties (no extension)

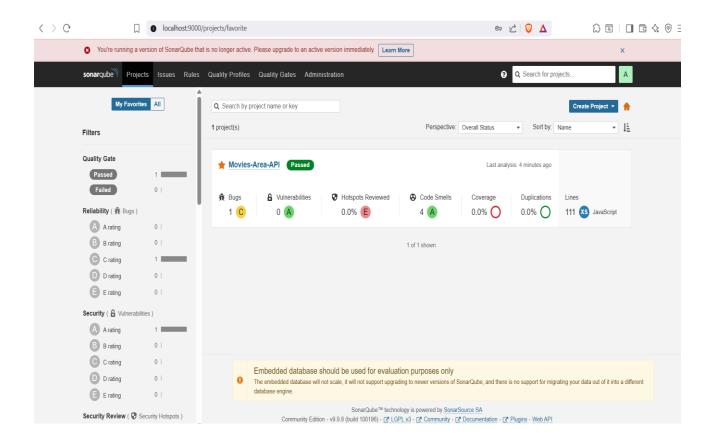
Execute this command: sonar-scanner or sonar-scanner -x

```
C:\Users\vinit\Documents\MovieAreasAPI>sonar-scanner
11:52:41.584 INFO Scanner configuration file: C:\Users\vinit\Downloads\sonar-scanner-cli-7.1.0.4889-windows-x64\sonar-scanner-7.1.0.4889-windows-x64\bin\..\conf\sonar-scanner.propertie
11:52:41.633 INFO SonarScanner CLI 7.1.0.4889
11:52:41.637 INFO Java 17.0.13 Eclipse Adoptium (64-bit)
11:52:41.639 INFO Windows 11 10.0 amd64
11:52:42.950 INFO Communicating with SonarQube Server 9.9.8.100196
11:52:43.905 INFO Load global settings
11:52:44.087 INFO Load global settings (done) | time=182ms
11:52:44.090 INFO Server id: 147B411E-AZhpCvjyB7yVONnGtfEf
11:52:44.093 INFO User cache: C:\Users\vinit\.sonar\cache
11:52:44.097 INFO Load/download plugins
11:52:44.097 INFO Load plugins index
11:52:44.187 INFO Load plugins index (done) | time=90ms
11:52:44.303 INFO Load/download plugins (done) | time=206ms
11:52:45.152 INFO Process project properties
11:52:45.190 INFO Process project properties (done) | time=38ms
11:52:45.194 INFO Execute project builders
11:52:45.199 INFO Execute project builders (done) | time=5ms
11:52:45.220 INFO Project key: movies-api
11:52:45.221 INFO Base dir: C:\Users\vinit\Documents\MovieAreasAPI
11:52:45.221 INFO Working dir: C:\Users\vinit\Documents\MovieAreasAPI\.scannerwork
11:52:45.246 INFO Load project settings for component key: 'movies-api
11:52:46.222 INFO Load project settings for component key: 'movies-api' (done) | time=976ms
11:52:46.411 INFO Load quality profiles
11:52:46.636 INFO Load quality profiles (done) | time=225ms
11:52:46.640 INFO Load active rules
11:52:50.543 INFO Load active rules (done) | time=3903ms
11:52:50.549 INFO Load analysis cache
11:52:50.615 INFO Load analysis cache (404) | time=66ms
11:52:50.740 INFO Load project repositories
11:52:50.926 INFO Load project repositories (done) | time=186ms
11:52:51.002 INFO Indexing files..
11:52:51.003 INFO Project configuration:
```

```
11:53:24.799 INFO Sensor CE Properties [csharp] (done) | time=Ims Sensor CE Properties Sensor Sens
```

EXECUTION SUCCESS

YOUR LOCAL HOST WILL LOOKS LIKE THIS:



Security Review (Security Hotspots)

- A ≥ 80%
- 0 |
- B 70% 80%
- 0 |
- 50% 70%
- 0
- 30% 50%
- 0 |
- < 30%
- 1

Maintainability (A Code Smells)

- A rating
- 1
- B rating
- 0
- C C rating
- 0 |
- D rating
- 0 |
- E rating
- 0 |

Coverage

- () ≥ 80%
- 0 |
- 70% 80%
- 0 |

-)
 - 50% 70%
- 0 |

- 30
 - 30% 50%
- 0 |
- < 30%
- 1
- No data
- 0 |

Duplications

