

SONARQUBE

The screenshot shows the SonarQube web interface in a browser. The page title is "Analyze your project". Below the title, it says "We initialized your project on SonarQube, now it's up to you to launch analyses!". The page is divided into two main sections: "1 Provide a token" and "2 Run analysis on your project".

1 Provide a token

Analyze "SATHYA": `sqp_f8905db61acb4a1612a584c28b2f6871a9fed155`

2 Run analysis on your project

What option best describes your project?

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

Execute the Scanner for Maven

Running a SonarQube analysis with Maven is straightforward. You just need to run the following command in your project's folder.

```
run clean verify sonar:sonar \
  -Dsonar.projectKey=SATHYA \
  -Dsonar.projectName=SATHYA \
  -Dsonar.host.url=http://localhost:9000 \
  -Dsonar.token=sqp_f8905db61acb4a1612a584c28b2f6871a9fed155
```

[Copy](#)

Please visit the official documentation of the [Scanner for Maven](#) for more details.

Get the most out of SonarQube!

Take advantage of the whole ecosystem by using SonarLint, a free IDE plugin that helps you find and fix issues earlier in your workflow. Connect SonarLint to SonarQube to sync rule sets and issue states.

[Learn More](#) [Dismiss](#)

SONARCUBE

The screenshot shows the SonarQube web interface in a browser. The page title is "Analyze your project". Below the title, it says "We initialized your project on SonarQube, now it's up to you to launch analyses!". The page is divided into two main sections: "1 Provide a token" and "2 Run analysis on your project".

1 Provide a token

Analyze "SATHYA": `sqp_f8905db61acb4a1612a584c28b2f6871a9fed155`

2 Run analysis on your project

What option best describes your project?

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

Execute the Scanner for Maven

Running a SonarQube analysis with Maven is straightforward. You just need to run the following command in your project's folder.

```
run clean verify sonar:sonar \
  -Dsonar.projectKey=SATHYA \
  -Dsonar.projectName=SATHYA \
  -Dsonar.host.url=http://localhost:9000 \
  -Dsonar.token=sqp_f8905db61acb4a1612a584c28b2f6871a9fed155
```

[Copy](#)

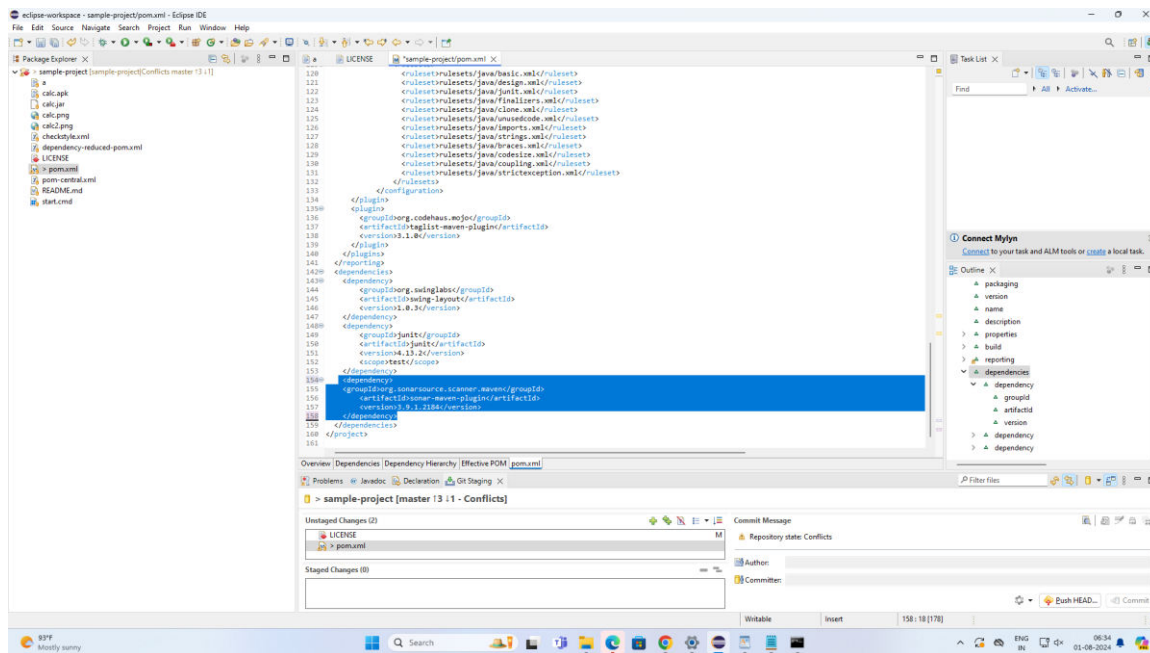
Please visit the official documentation of the [Scanner for Maven](#) for more details.

Get the most out of SonarQube!

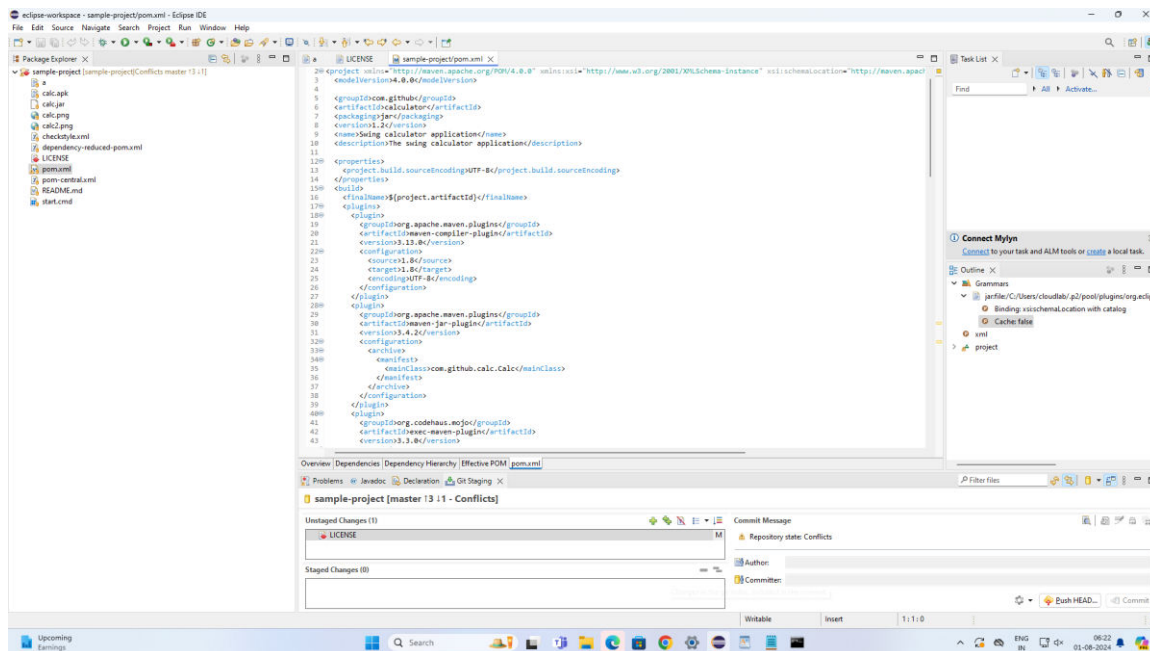
Take advantage of the whole ecosystem by using SonarLint, a free IDE plugin that helps you find and fix issues earlier in your workflow. Connect SonarLint to SonarQube to sync rule sets and issue states.

[Learn More](#) [Dismiss](#)

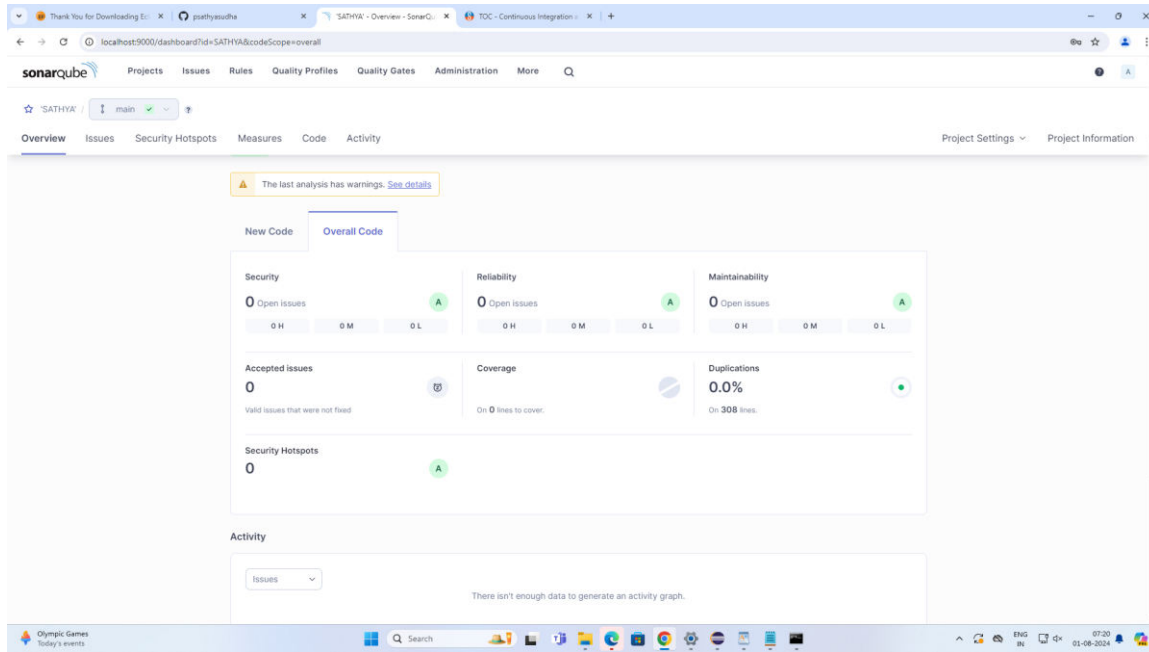
eclipse chanes in code



ECLIPSE- POM.XML



After execution sonarqube output



maven execution

```
Administrator: Command Prompt
[INFO] Replacing original artifact with shaded artifact.
[INFO] Replacing C:\Users\cloudlab\git\sample-project\target\calculator-1.2.jar with C:\Users\cloudlab\git\sample-project\target\calculator-1.2-shaded.jar
[INFO]
[INFO] --- install:3.1.2(install) (default-install) @ calculator ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom (2.9 kB at 178 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom (2.9 kB at 1.2 MB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom (2.7 kB at 206 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar (106 kB at 6.3 MB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar (157 kB at 3.2 MB/s)
[INFO] Installing C:\Users\cloudlab\git\sample-project\dependency-reduced-pom.xml to C:\Users\cloudlab\m2repository\com\github\calculator\1.2\calculator-1.2.pom
[INFO] Installing C:\Users\cloudlab\git\sample-project\target\calculator.jar to C:\Users\cloudlab\m2repository\com\github\calculator\1.2\calculator-1.2.jar
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 1.685 s
[INFO] Finished at: 2024-08-01T08:23:15+05:30
[INFO]
C:\Users\cloudlab\git\sample-project>
```

calculator output

```
Administrator: Command Prompt & java -jar calc.jar
[INFO] Replacing original artifact with shaded artifact.
[INFO] Replacing C:\Users\cloudlab\git\sample-project\target\calculator.jar with C:\Users\cloudlab\git\sample-project\target\calculator-1.2-shaded.jar
[INFO]
[INFO] --- install:3.1.2(install) (default-install) @ calculator ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom (2.9 kB at 178 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom (2.9 kB at 1.2 MB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom (2.7 kB at 206 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar (106 kB at 6.3 MB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar (157 kB at 3.2 MB/s)
[INFO] Installing C:\Users\cloudlab\git\sample-project\dependency-reduced-pom.xml to C:\Users\cloudlab\m2repository\com\github\calculator\1.2\calculator-1.2.pom
[INFO] Installing C:\Users\cloudlab\git\sample-project\target\calculator.jar to C:\Users\cloudlab\m2repository\com\github\calculator\1.2\calculator-1.2.jar
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 1.685 s
[INFO] Finished at: 2024-08-01T08:23:15+05:30
[INFO]
C:\Users\cloudlab\git\sample-project>java -jar calc.jar
Error: Unable to access Jarfile calc.jar

C:\Users\cloudlab\git\sample-project>dir
Volume in drive C has no label.
Volume Serial Number is 8878-1f79

Directory of C:\Users\cloudlab\git\sample-project

01-08-2024 08:23 <DIR> .
01-08-2024 04:42 <DIR> ..
01-08-2024 04:42 218 .project
01-08-2024 04:42 253 .travis.yml
01-08-2024 04:42 4 a
01-08-2024 04:42 25,796 calc.apk
01-08-2024 04:42 121,344 calc.jar
01-08-2024 04:42 24,468 calc.png
01-08-2024 04:42 15,311 calc.png
01-08-2024 04:42 11,594 checkstyle.xml
01-08-2024 08:28 5,113 dependency-reduced-pom.xml
01-08-2024 05:28 11,754 LICENSE
01-08-2024 04:42 5,388 pom-central.xml
01-08-2024 06:48 5,818 pom.xml
01-08-2024 04:42 566 README.md
01-08-2024 04:42 18 start.cmd
01-08-2024 08:23 <DIR> target
14 file(s)
227,648 bytes
3 dir(s)
148,265,182,976 bytes free

C:\Users\cloudlab\git\sample-project>java calc.jar
Error: Could not find or load main class calc.jar
Caused by: java.lang.ClassNotFoundException: calc.jar

C:\Users\cloudlab\git\sample-project>java -jar calc.jar
```