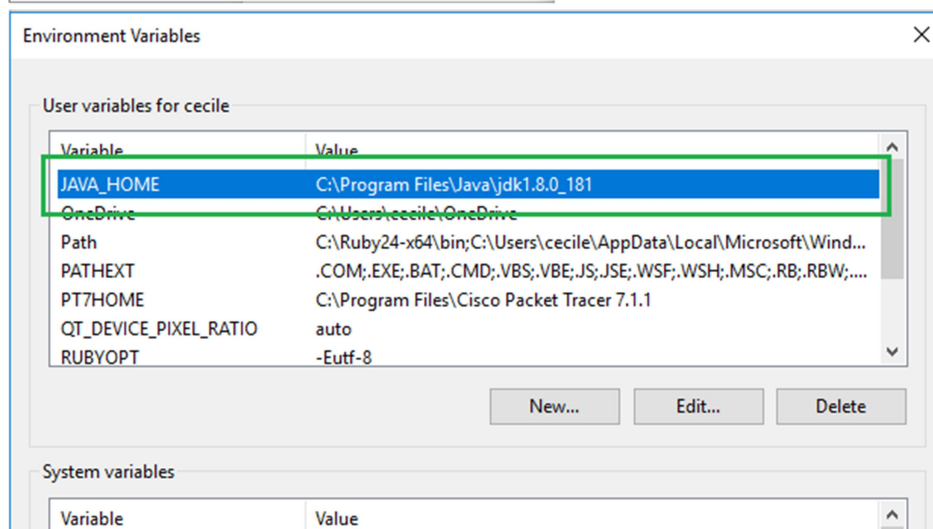
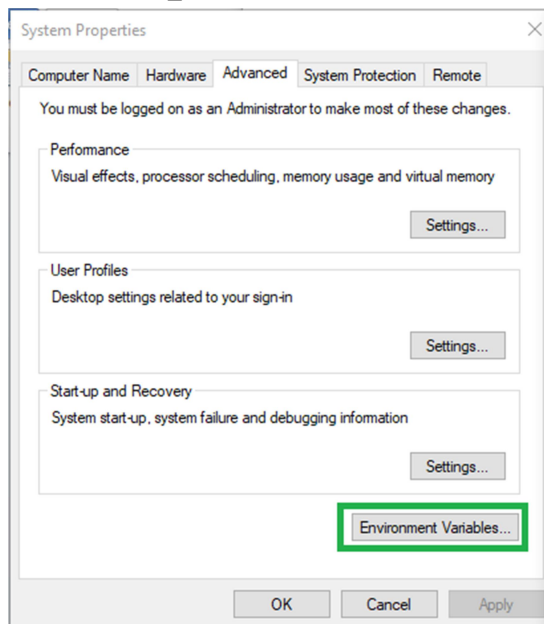


SonarQube 7.3 Installation and Basic Configuration

1. Download [SonarQube 7.3 Community Edition](#)
2. Unzip the file in a directory of your choice
3. Edit the conf\wrapper.conf file as follows
Path to JVM executable. By default it must be available in PATH.
Can be an absolute path, for example:
wrapper.java.command=C:/Program Files/Java/jdk1.8.0_181/bin/java
#wrapper.java.command=java
4. Add the **JAVA_HOME** environment variable



5. Open a terminal, go to the SonarQube installation directory then launch sonarqube
`cd c:\sonarqube-7.3\bin\windows-x86-64\`
`StartSonar.bat`
6. Open your browser and go to <http://127.0.0.1:9000>. Login with admin/admin.
7. Select **Generate a Token**, enter the project name **musicplay** then click on **Generate**

Analyze a project

Want to quickly analyze a first project? Follow these 2 easy steps.

1

Provide a token

☒ Generate a token

☐ Use existing token

Generate

The token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point of time in your user account.

2

Run analysis on your project

Find this tutorial back anytime in the Help section

A token is generated. Click on **Continue**.

Analyze a project

Want to quickly analyze a first project? Follow these 2 easy steps.

1

Provide a token

musicplay-ws: 6b17dfa9a149e6ad5b4aae70cd461d930192695d

✖

The token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point of time in your user account.

Continue

2

Run analysis on your project

Find this tutorial back anytime in the Help section

Select **Java** then **Maven**. A command line is generated.

Analyze a project

Want to quickly analyze a first project? Follow these 2 easy steps.

1 Provide a token musicplay-ws:6b17dfa9a149e6ad5b4aae70cd461d930192695d

2 Run analysis on your project

What is your project's main language?

Java C# or VB.NET Other (JS, TS, Go, Python, PHP, ...)

You are developing primarily in Java: what is your build technology?

Maven Gradle

Execute the Scanner for Maven from your computer

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

```
mvn sonar:sonar \
-Dsonar.host.url=http://127.0.0.1:9000 \
-Dsonar.login=6b17dfa9a149e6ad5b4aae70cd461d930192695d
```

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

Once the analysis is completed, you will be able to browse your project at the URL displayed at

Find this tutorial back anytime in the Help section [Finish this tutorial](#)

- Keep the page open, open an other terminal and go to the project root folder
For example: `cd \GITHUB\IEPSCF\ProjetIntegration2018\musicplay`
- Our MVN bin file is located under IntelliJ plugins directory. Enter
"`C:\Program Files\JetBrains\IntelliJ IDEA 2018.2.4\plugins\maven\lib\maven3\bin\mvn.cmd`" `-sonar:sonar -Dsonar.host.url=http://127.0.0.1:9000 -Dsonar.login=<the token generated>`
- When sonarqube has finished processing the project files, go back to the SonarQube web dashboard and explore Projects and Issues.

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

Search for projects, sub-projects and files...

Perspective: Overall Status Sort by: Name 1 projects

musicplay Maven Webapp **Passed**

Last analysis: October 3, 2018, 5:24 PM

0 Bugs 2 Vulnerabilities 2 Code Smells 0.0% Coverage 0.0% Duplications 134 XS XML, Java

1 of 1 shown

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

Search for projects, sub-projects and files...

My Issues All

Filters

Type

- Bug 0
- Vulnerability 2
- Code Smell 2
- Security Hotspot 0

Severity

- Blocker 0
- Critical 0
- Major 2
- Minor 2
- Info 0

musicplay Maven Webapp / src/main/java/servlets/Test.java

Bulk Change

to select issues to navigate 1 / 4 issues

Add the "@Override" annotation above this method signature *** 2 days ago L11 bad-practice

This block of commented-out lines of code should be removed. *** 2 days ago L16 misra, unused

Add a "try/catch" block for "forward". *** 2 days ago L17 cert, cwe, error-handling, owasp-a3

Add a "try/catch" block for "forward". *** 2 days ago L17 cert, cwe, error-handling, owasp-a3