

# TP4 - SonarQube

## Telechargement de Sonarqube

1. Téléchargez SonarQube depuis le site officiel :

<https://www.sonarsource.com/products/sonarqube/downloads/>

2. Lancer le script bat

`.\bin\windows-x86-64\StartSonar.bat`

3. Une fois lancé, ouvrez un navigateur et accédez à :

<http://localhost:9000>

`C:\Users\L450\Desktop\sonarqube-25.11.0.114957\conf\sonar.properties`

`sonar.search.javaAdditionalOpts=-Ecluster.routing.allocation.disk.threshold_enabled=false`



## Log in to SonarQube

Login \*

Password \*

[Go back](#)

[Log in](#)

4. Utiliser login/mot de passe par default **admin admin**
5. Après connexion créer un nouveau mot de passe

# Exercise 1


▲

Embedded database should be used for evaluation purposes only. It doesn't support scaling, upgrading to a new SonarQube Server version, or migration to another database engine. [Learn more](#)

●

Keep your instance current and get the [latest SonarQube Community Build](#), available now.

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## How do you want to create your project?


Do you want to benefit from all of SonarQube Community Build's features (like repository import and Pull Request decoration)?

### Create your project from your favorite DevOps platform.


First, you need to set up a DevOps platform configuration.

 Import from Azure DevOps


Setup

 Import from Bitbucket Cloud


Setup

 Import from Bitbucket Server

Setup

 Import from GitHub

Setup

 Import from GitLab

Setup


Are you just testing or have an advanced use-case?

Create a local project

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## Create a local project

Project display name \* ⓘ

test-sonarqube

Project key \* ⓘ

test-sonarqube

Main branch name \*

main

The name of your project's default branch [Learn More](#)

Cancel

Next

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### Set up new code for project

The new code definition sets the criteria for what's considered new code, allowing you to focus on the most recent changes in your project.

This setting allows project administrators to customize the new code definition for their project. [Learn more in documentation](#)

Follows the instance's default  
Current default: Previous version

Is custom  
Choose whether it should be the [previous version](#), a [number of days](#) or a [reference branch](#)

[Back](#) [Create project](#)

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Aller vers My Account -> Securite et creer un nouveau token

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Administrator

My Account

Log out

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A Administrator

Profile **Security** Notifications Projects

### Security

If you want to enforce security by not providing credentials of a real SonarQube user to run your code scan or to invoke web services, you can provide a User Token as a replacement of the user login. This will increase the security of your installation by not letting your analysis user's password going through your network.

#### Generate Tokens

Name	Type	Expires in	
<input type="text" value="Enter Token Name"/>	<select value="Select Token Type"></select>	<select value="30 days"></select>	<a href="#">Generate</a>

Name	Type	Project	Last use	Created	Expiration	
Analyze "test-sonarqube"	Project	test-git	14 days ago	November 17, 2025	December 17, 2025	<a href="#">Revoke</a>

Creer un Dossier qui va contenir votre code d'application (python), et installer pysonar

**poetry add pysonar**

Après lancer la commande sur le chemin de votre application:

```
poetry run pysonar --sonar-host-url=http://localhost:9000 --sonar-token=MY-TOKEN  
--sonar-project-key=test-sonarqube
```