

SonarQube Usage Report

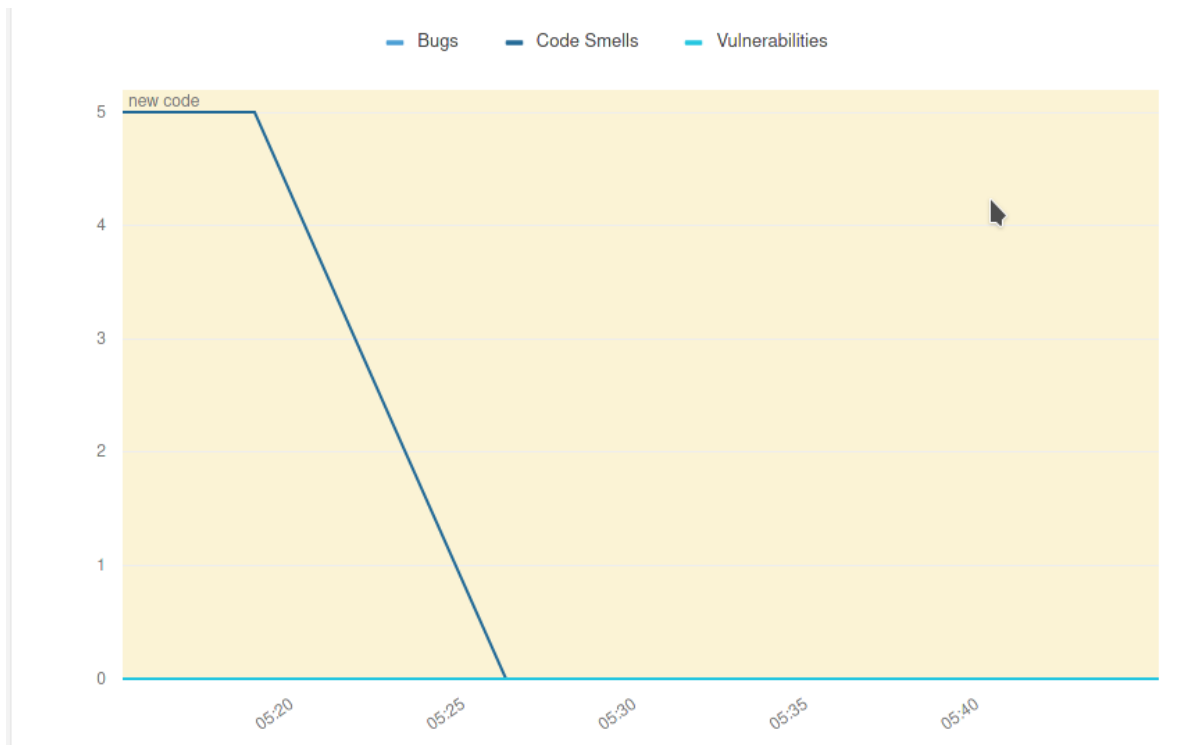
Group 3: Mattia Guazzaloca, Enea Guidi, Lorenzo Liso, Matteo Lorenzoni, Paolo Marzolo

Introduction

This is a brief overview of how we used SonarQube for code analysis.

Historical Data

We only used SonarQube at the end of the sprint: there wasn't a specific plan behind this, but a few of us had been "scolded" by the initial setup of many of these tools (we had already set up SonarQube as well), so nobody was especially excited by the idea of getting back into it. As it turned out, after the initial setup there really isn't much to it, so we quickly completed the final steps and ran our first scan: this revealed 5 "code smells" that we resolved easily, and one "possible security issue" (the use of CORS) that took a few minutes and one extra file.



Current Status

What follows is a snapshot from one of the main views of SonarQube. As said above, we have resolved all the issues SonarQube revealed, and the only code duplication remaining is for a file containing a couple tweets' JSON files for testing. We believe SonarQube was fairly useful, and our most interesting finding was the possible security issue.

sonarqube

ProjectsIssuesRulesQuality ProfilesQuality Gates

?

Q Search for projects...

Log in

Twitter Tracker

master

Last analysis had 1 warning

November 22, 2020, 5:47 PM

Version not provided

OverviewIssuesSecurity HotspotsMeasuresCodeActivity

Project Information

QUALITY GATE STATUS

MEASURES

Some Quality Gate conditions on New Code were ignored because of the small number of New Lines

Passed

All conditions passed.

New Code

Overall Code

Since November 22, 2020

Started 2 days ago

0 Bugs

Reliability

A

0 Vulnerabilities

Security

A

0 Security Hotspots

Reviewed

Security Review

A

0 Debt

0 Code Smells

Maintainability

A

0.0%

Coverage on 235 Lines to cover

Unit Tests

3.5%

Duplications on 1k Lines

Duplicated Blocks

2