ZAD1

Branch : main

VERSION 1.0-SNAPSHOT

Code analysis

By: Administrator

2024-11-20

zad1

CONTENT

INTRODUCTION

This document contains results of the code analysis of zad1.

CONFIGURATION

- Quality Profiles
    - Names: Sonar way [Java]; Sonar way [XML];
    - Files: 9c24d35f-16b0-4bd2-b4bc-e96fc1c76e3f.json; 4b086136-2149-4783-8ff9-9189c963009a.json;
- Quality Gate
    - Name: Sonar way
    - File: Sonar way.xml

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SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability
A	A	A	A

QUALITY GATE STATUS

Quality Gate Status	Failed

Metric	Value
Coverage on New Code	ERROR (0.0% is less than 80%)
Duplicated Lines (%) on New Code	OK
New Issues	OK

METRICS

Coverage	Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
0.0 %	4.2 %	2.3 %	46.0	100.0 %

TESTS

Total	Success Rate	Skipped	Errors	Failures
30	100.0 %	0	0	0

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DETAILED TECHNICAL DEBT

Reliability	Security	Maintainability	Total
-	-	0d 7h 10min	**0d 7h 10min**

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METRICS RANGE

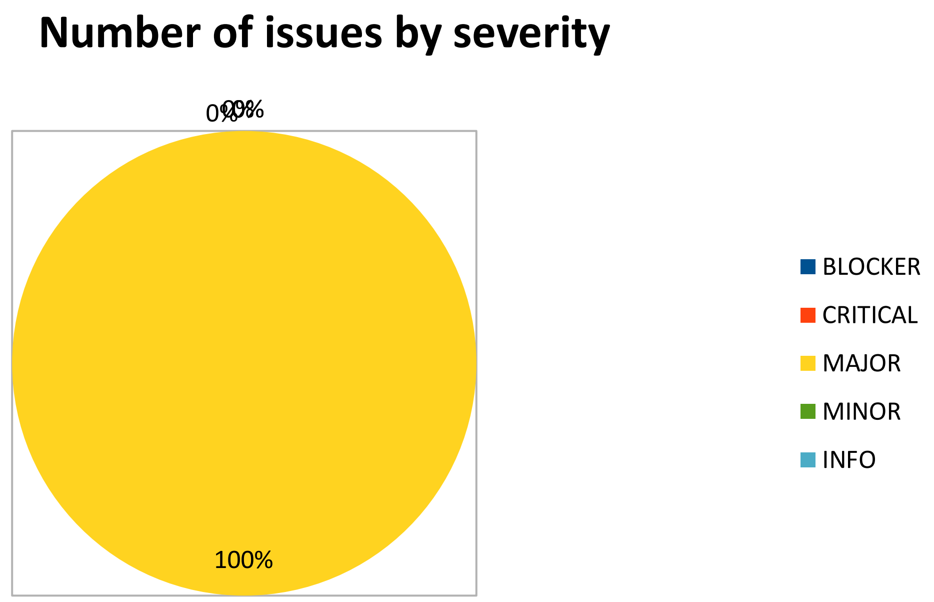
	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	2.0	0.0	16.0	0.0	0.0	0.0
Max	78.0	56.0	577.0	14.8	0.0	45.7

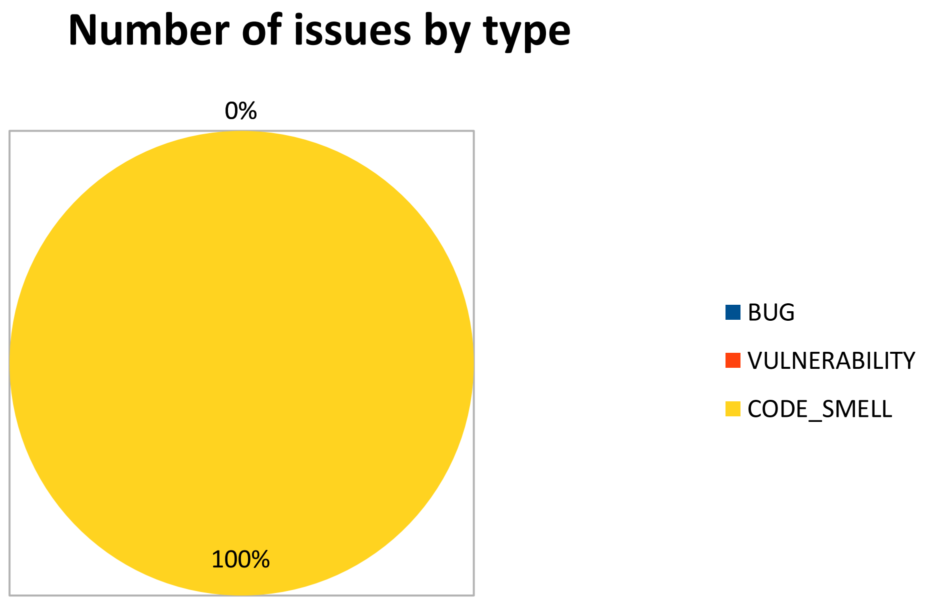
VOLUME

Language	Number
Java	577
XML	64
Total	641

ISSUES

CHARTS





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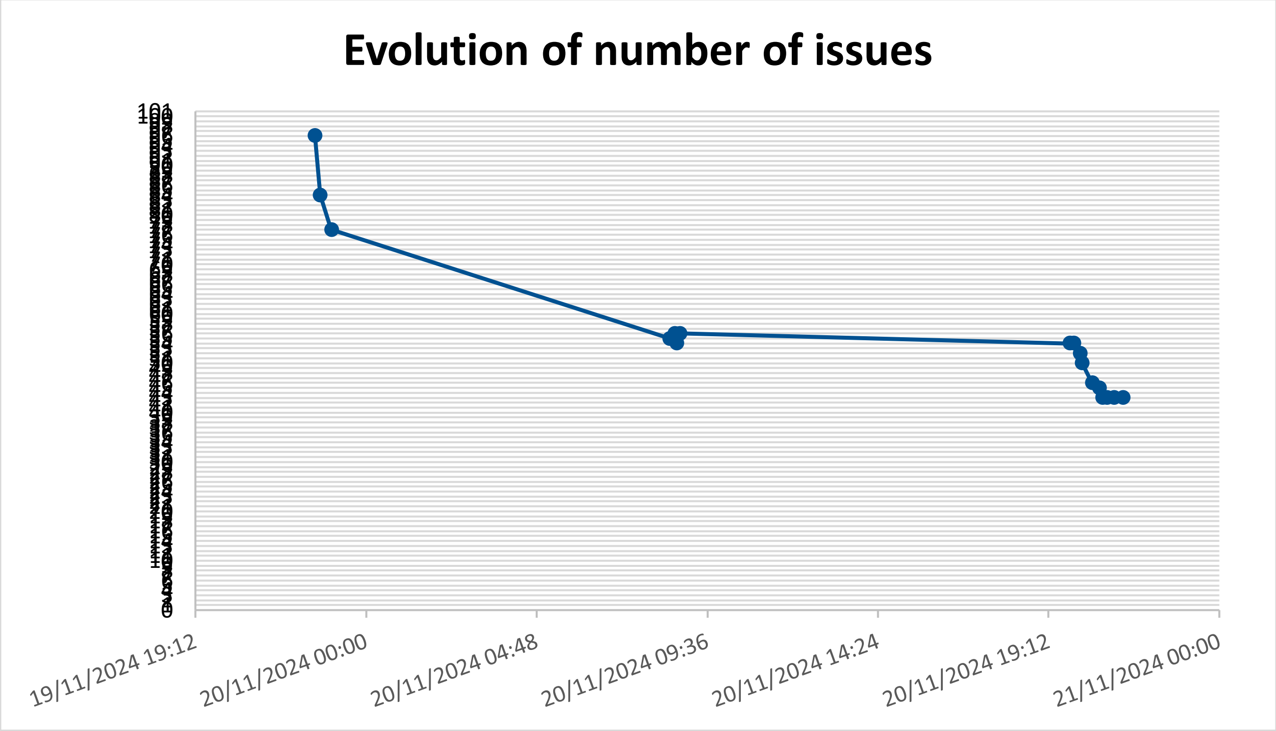
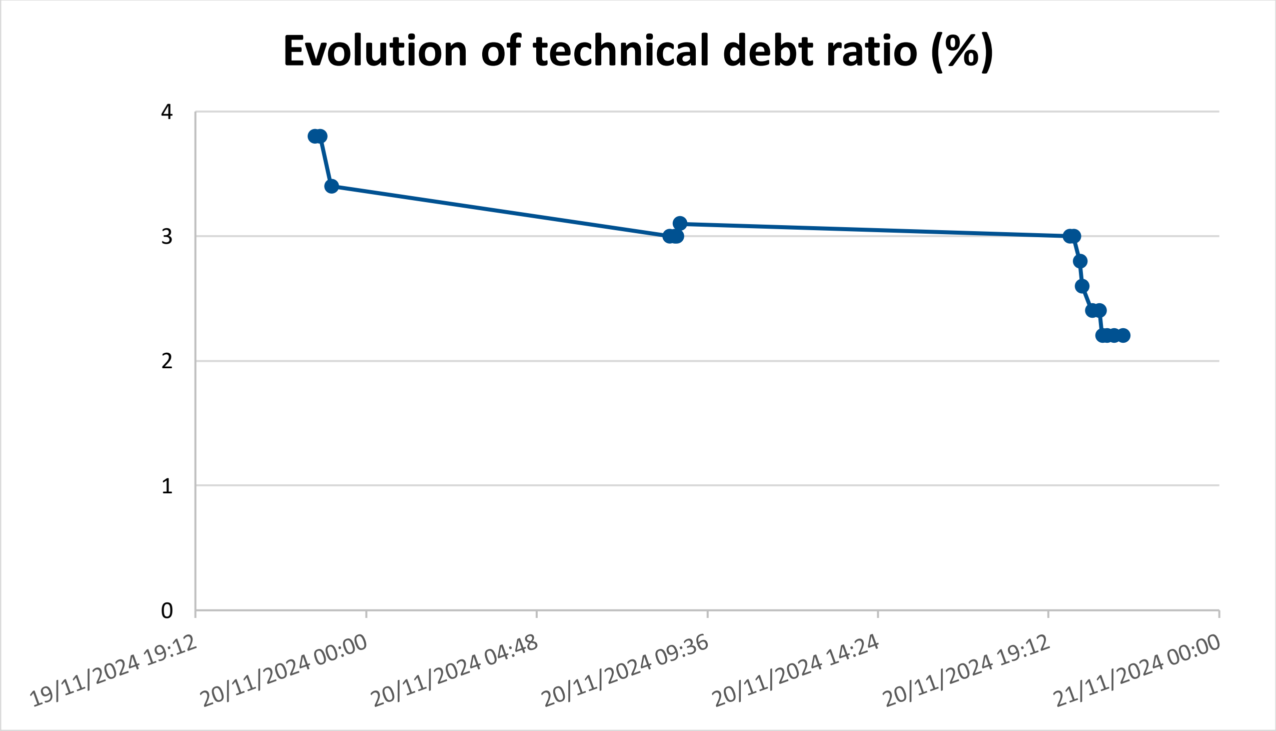

Evolution of number of issues
101
0
19/11/2024 19:12
20/11/2024 00:00
20/11/2024 04:48
20/11/2024 09:36
20/11/2024 14:24
20/11/2024 19:12
21/11/2024 00:00


Evolution of technical debt ratio (%)
4
3
2
1
0
19/11/2024 19:12
20/11/2024 00:00
20/11/2024 04:48
20/11/2024 09:36
20/11/2024 14:24
20/11/2024 19:12
21/11/2024 00:00

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ISSUES COUNT BY SEVERITY AND TYPE

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
BUG	0	0	0	0	0
VULNERABILITY	0	0	0	0	0
CODE_SMELL	0	0	43	0	0

ISSUES LIST

Name	Description	Type	Severity	Number
Standard outputs should not be used directly to log anything		CODE_SMELL	MAJOR	43

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SECURITY HOTSPOTS

SECURITY HOTSPOTS COUNT BY CATEGORY AND PRIORITY

Category / Priority	LOW	MEDIUM	HIGH
LDAP Injection	0	0	0
Object Injection	0	0	0
Server-Side Request Forgery (SSRF)	0	0	0
XML External Entity (XXE)	0	0	0
Insecure Configuration	0	0	0
XPath Injection	0	0	0
Authentication	0	0	0
Weak Cryptography	0	0	0
Denial of Service (DoS)	0	0	0
Log Injection	0	0	0
Cross-Site Request Forgery (CSRF)	0	0	0
Open Redirect	0	0	0
Permission	0	0	0
SQL Injection	0	0	0
Encryption of Sensitive Data	0	0	0
Traceability	0	0	0
Buffer Overflow	0	0	0
File Manipulation	0	0	0
Code Injection (RCE)	0	0	0

Cross-Site Scripting (XSS)	0	0	0
Command Injection	0	0	0
Path Traversal Injection	0	0	0
HTTP Response Splitting	0	0	0
Others	0	0	0

SECURITY HOTSPOTS LIST