READERSANDWRITERS

Branch : main

VERSION 1.0-SNAPSHOT

Code analysis

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ReadersAndWriters

CONTENT

INTRODUCTION

This document contains results of the code analysis of ReadersAndWriters.

CONFIGURATION

- Quality Profiles

  - Names: Sonar way [Java]; Sonar way [XML];

  - Files: 1db8cbf0-fff4-4cc8-b8b2-22ba279701c8.json; f231f744-67af-4291-971c-0219d6a12844.json;

- Quality Gate

  - Name: Sonar way (legacy)

  - File: Sonar way (legacy).xml

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SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability
A	A	A	A

QUALITY GATE STATUS

Quality Gate Status	Passed

Metric	Value
Reliability Rating on New Code	OK
Security Rating on New Code	OK
Maintainability Rating on New Code	OK
Coverage on New Code	OK
Duplicated Lines (%) on New Code	OK

METRICS

Coverage	Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
94.4 %	0.0 %	12.7 %	59.0	100.0 %

TESTS

Total	Success Rate	Skipped	Errors	Failures

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15	100.0 %	0	0	0

DETAILED TECHNICAL DEBT

Reliability	Security	Maintainability	Total
-	-	0d 2h 30min	**0d 2h 30min**

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## METRICS RANGE

	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	5.0	0.0	27.0	0.0	81.1	0.0
Max	37.0	22.0	287.0	32.5	100.0	0.0

VOLUME

Language	Number
Java	293
XML	306
Total	599

ISSUES

CHARTS

Number of issues by severity

00%0%

100%

■ BLOCKER

■ CRITICAL

■ MAJOR

■ MINOR

■ INFO

Number of issues by type

0%

100%

■ BUG

■ VULNERABILITY

■ CODE_SMELL

Evolution of number of issues

Evolution of technical debt ratio (%)

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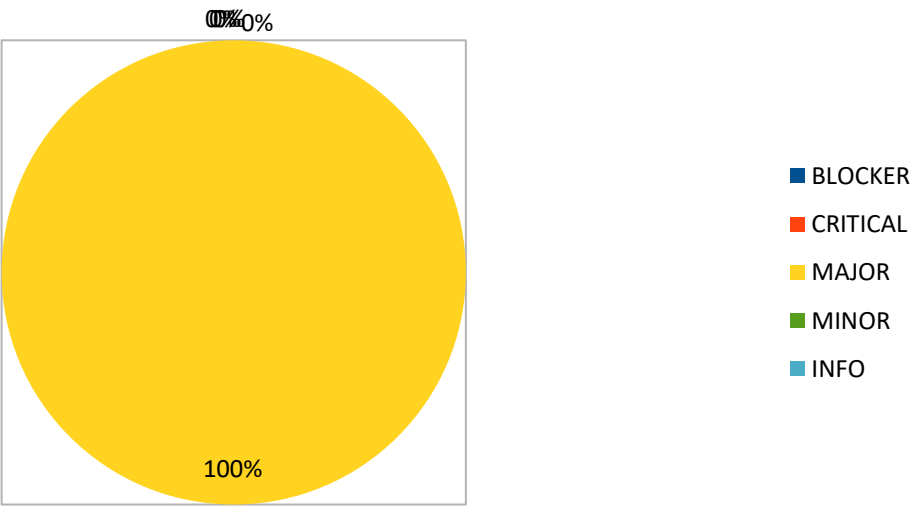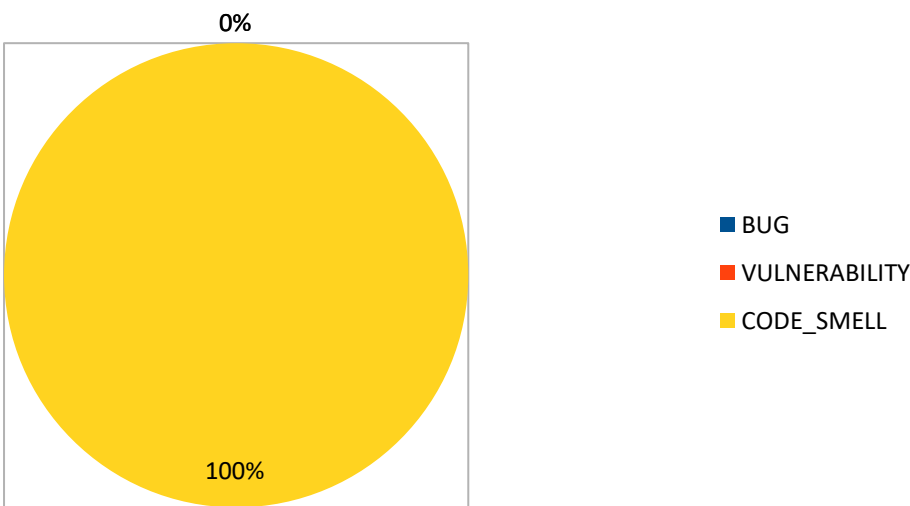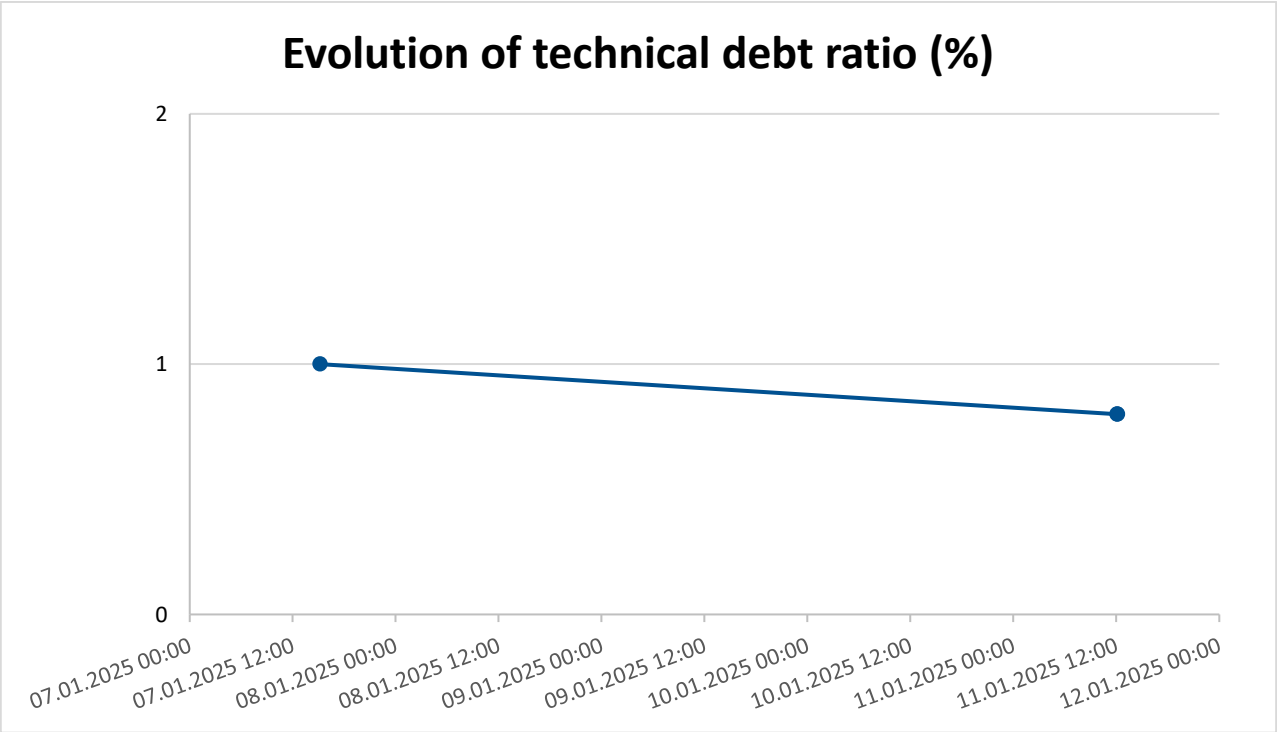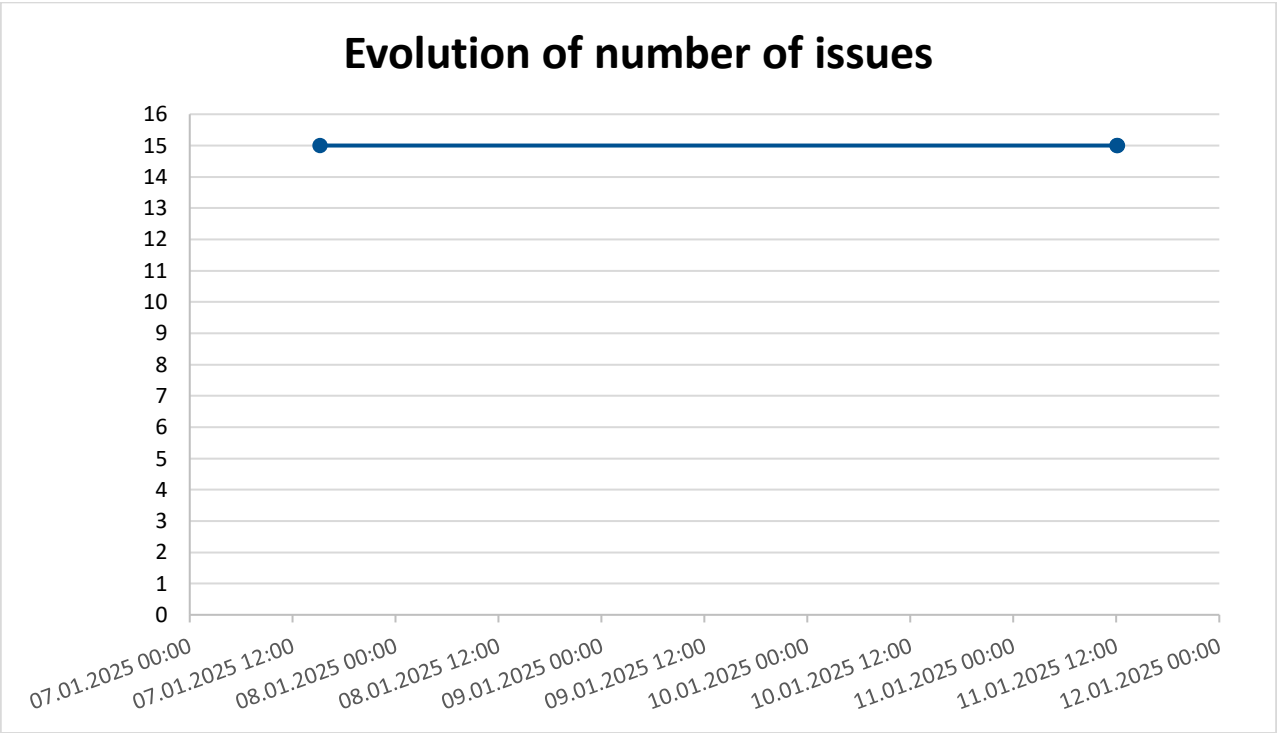
ISSUES COUNT BY SEVERITY AND TYPE

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
BUG	0	0	0	0	0
VULNERABILITY	0	0	0	0	0
CODE_SMELL	0	0	15	0	0

ISSUES LIST

Name	Description	Type	Severity	Number
Standard outputs should not be used directly to log anything		CODE_SMELL	MAJOR	15

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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