READERSANDWRITERS - MULTITHREADING IN JAVA

Branch: main

VERSION 1.0

Code analysis

By: Administrator

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INTRODUCTION

This document contains results of the code analysis of ReadersAndWriters - multithreading in Java.

CONFIGURATION

- Quality Profiles
 - Names: Sonar way [Java]; Sonar way [XML];
 - o Files: 2195c5a0-fe74-4a29-9ad3-b78de8c67617.json; 064202f4-bc3d-4f47-9c51-b50a43bfc747.json;
- Quality Gate
 - o Name: Sonar way
 - o File: Sonar way.xml

SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability
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QUALITY GATE STATUS

Quality Gate Status

Passed

Metric	Value
Coverage on New Code	ОК
Duplicated Lines (%) on New Code	ОК
New Issues	OK

Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
0.0 %	17. 5 %	136.5	100.0 %
	·	Duplication density	Duplication density code per file

TESTS				
Total	Success Rate	Skipped	Errors	Failures
32	100.0 %	0	0	0

DETAILED TECH	HNICAL DEBT		
Reliability	Security	Maintainability	Total
-	-	0d 0h 20min	0d 0h 20min

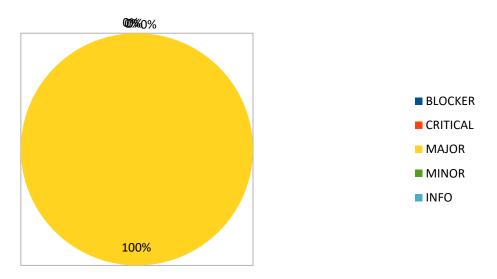
METE	RICS RANGE					
	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	1.0	0.0	8.0	1.6	80.0	0.0
Max	43.0	14.0	435.0	63.6	100.0	0.0

VOLUME		
Language	Number	
Java	261	
XML	648	
Total	909	

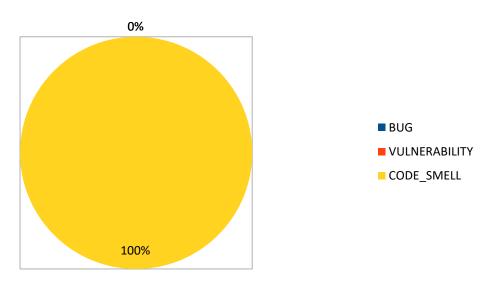
ISSUES

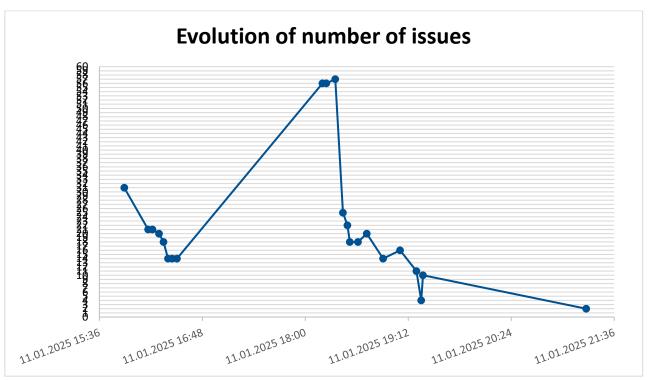
CHARTS

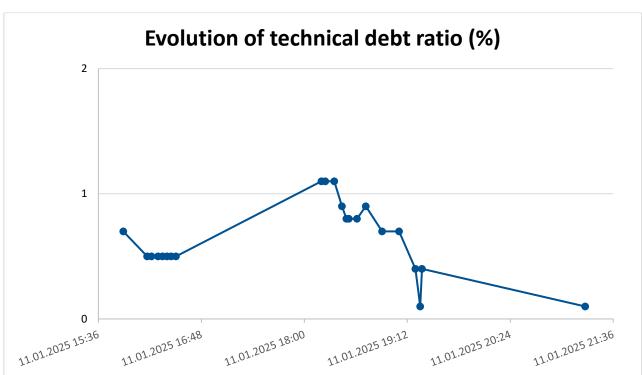
Number of issues by severity



Number of issues by type







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	2	0	0

ISSUES LIST				
Name	Description	Туре	Severity	Number
Standard outputs should not be used directly to log anything		CODE_SMELL	MAJOR	2

SECURITY HOTSPOTS

SECURITY HOTSPOTS COUNT BY CATEGORY AND PRICE	ORITY		
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