



ALM_Test_PDF_ReportGen

Version 1.0

2019-07-17



Table of contents

1. ALM_Test_PDF_ReportGen	Page 1
1.1. Quality Profile	
1.2. Quality Gate	
1.3. Metric Dashboard	
1.4. Issues Analysis	

1. ALM_Test_PDF_ReportGen

This chapter presents an overview of the project measures. This dashboard shows the most important measures related to project quality, and it provides a good starting point for identifying problems in source code.

1.1. Quality Profile

Profiles

Profile Name	Language	Active Rules Count
Sonar way	C#	101
SonarQube Way	CSS	71
Sonar way	Groovy	59
Sonar way	Java	251
Sonar way	JavaScript	86
FindBugs Security JSP	JSP	6
SonarQube Way	Less	71
Sonar way	PHP	63
Sonar way	Python	34
SonarQube Way	SCSS	82
Sonar way	TypeScript	28
Sonar way	Web	16

1.2. Quality Gate

Status

Status	Passed
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1.3. Metric Dashboard

Leak Period : Pervious Version

Reliability

3	0	D
Bugs	New Bugs	Reliability Rating
Reliability Remediation Effort		30min

Reliability Remediation Effort on New Code	0min
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Security

0	0	A
Vulnerabilities	New Vulnerabilities	Security Rating

Security Remediation Effort	0min
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Maintainability

11	0	A
Code Smells	New Code Smells	Maintainability Rating

Technical Debt	1h 30min
Added Technical Debt	0min
Technical Debt Ratio	1.5%
Technical Debt Ratio on New Code	0.0%
Effort To Reach Maintainability Rating A	0min

Duplications

0.0%
Duplicated Lines (%)

Duplicated Blocks	0
Duplicated Lines	0
Duplicated Files	0

Size

201
Lines of Code

Lines	335
Statements	64

Functions	23
Classes	7
Files	6
Directories	2

Complexity

29	
Complexity	
Complexity / Function	1.2
Complexity / File	4.8
Complexity / Class	4.1

Documentation

18.3%	
Comments (%)	
Comment Lines	45

Issues

14	0
Issues	New Issues
Open Issues	14
Reopened Issues	0
Confirmed Issues	0
False Positive Issues	0
Wont Fix Issues	0
New Critical Issues	0

Other Metrics

Unit Tests	9
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1.4. Issues Analysis

Most Violated Rules

SEVERITY : ALL

Name	Language	Count
Standard outputs should not be used directly to log anything	Java	4
Exception handlers should preserve the original exceptions	Java	3
Static non-final field names should comply with a naming convention	Java	3
Utility classes should not have public constructors	Java	1
Public constants and fields initialized at declaration should be "static final" rather than merely "final"	Java	1

SEVERITY : INFO

No Violated Rules of Severity INFO

SEVERITY : MINOR

Name	Language	Count
Static non-final field names should comply with a naming convention	Java	3
Public constants and fields initialized at declaration should be "static final" rather than merely "final"	Java	1
Useless imports should be removed	Java	1

SEVERITY : MAJOR

Name	Language	Count
Standard outputs should not be used directly to log anything	Java	4
Utility classes should not have public constructors	Java	1
A field should not duplicate the name of its containing class	Java	1

SEVERITY : CRITICAL

Name	Language	Count
Exception handlers should preserve the original exceptions	Java	3

SEVERITY : BLOCKER

No Violated Rules of Severity BLOCKER

Most Violated Files

Name	HelloApp.java
Path	src/main/java/com/example/javamavenjunithelloworld/HelloApp.java
Issues	8

Name	HelloAppTest.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloAppTest.java
Issues	2

Name	HelloWithTestsIT.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloWithTestsIT.java
Issues	2

Name	Hello.java
Path	src/main/java/com/example/javamavenjunithelloworld/Hello.java
Issues	1

Name	HelloTest.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloTest.java
Issues	1

Most Complex Files

Name	HelloAppTest.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloAppTest.java
Complexity	7

Name	HelloTest.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloTest.java
Complexity	6

Name	TestingSecurityManager.java
Path	src/test/java/com/example/javamavenjunithelloworld/TestingSecurityManager.java
Complexity	5

Name	Hello.java
Path	src/main/java/com/example/javamavenjunithelloworld/Hello.java
Complexity	5

Name	HelloWithTestsIT.java
Path	src/test/java/com/example/javamavenjunithelloworld/HelloWithTestsIT.java
Complexity	4

Most Duplicated Files

No Duplications
