

# ALM\_Test\_PDF\_ReportGen

Version 1.0 2019-07-17



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## 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	РНР	63
Sonar way	Python	34
SonarQube Way	SCSS	82
Sonar way	TypeScript	28
Sonar way	Web	16

## 1.2. Quality Gate

#### Status

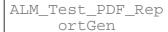
### 1.3. Metric Dashboard

Leak Period: Pervious Version

#### Reliability

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

1





### Sonar PDF Report

Reliability Remediation Effort on New Code 0m
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## Security

0	0		A
Vulnerabilities	New Vulnerabilities	Security Rating	
Security Remediation Effort			Omin

## Maintainability

11	0		A
Code Smells	New Code Smells	Maintai	nability 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

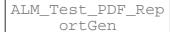
## **Duplications**

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 Te	ts	9
Cint 10	ts	



## 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 Rulesof 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 Rulesof Severity BLOCKER

### Most Violated Files

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

Name	HelloAppTest.java
	<pre>src/test/java/com/example/javamavenjunithelloworld/HelloAppT est.java</pre>
Issues	2

Name	HelloWithTestsIT.java
	<pre>src/test/java/com/example/javamavenjunithelloworld/HelloWith TestsIT.java</pre>
Issues	2

Name	Hello.java
Path	<pre>src/main/java/com/example/javamavenjunithelloworld/Hello.jav a</pre>
Issues	1

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

## Most Complex Files



Name	HelloAppTest.java
Path	<pre>src/test/java/com/example/javamavenjunithelloworld/HelloAppT est.java</pre>
Complexity	7

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

Name	TestingSecurityManager.java
Path	<pre>src/test/java/com/example/javamavenjunithelloworld/TestingSe curityManager.java</pre>
Complexity	5

Name	Hello.java
Path	<pre>src/main/java/com/example/javamavenjunithelloworld/Hello.jav a</pre>
Complexity	5

Name	HelloWithTestsIT.java
	<pre>src/test/java/com/example/javamavenjunithelloworld/HelloWith TestsIT.java</pre>
Complexity	4

## Most Duplicated Files

No Duplicatio	ns				
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