sonar

stockportfolio Maven Webapp
0.0.1-SNAPSHOT

Sonar way
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1. stockportfolio Maven Webapp

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. Report Overview

Static Analysis

Lines of code

1,519

6 packages
30 classes
54 methods
0.0% duplicated lines

Comments

30.0%

652 comment lines

Complexity

2.3

4.1 /class
123 decision points

Dynamic Analysis

Code Coverage

54.8%

12 tests

Test Success

100.0%

0 failures
0 errors

Coding Rules Violations

Rules Compliance

90.1%

Violations

77

1.2. Violations Analysis

Most violated rules	
Avoid Catching Throwable	1
Method Name	11
Parameter Name	6
Avoid cycle between java packages	6
Member name	4

Most violated files

ShowChartAction	13
MakeGraphSession	8
AddStockAction	5
WriteXMLFile	4
XMLStockMaster	4

Most complex files

ShowChartAction	11
VariationThreadManager	10
UserAction	9
Variation_Thread_Action	8
LoginAction	8

Most duplicated files

No duplications

1.3. Violations Details

Rule	Avoid Catching Throwable	
File		Line
HibernateUtil		34

Rule	Method Name	
File		Line
AddStockAction		124, 135
SearchStockAction		94
StockMaster		113, 122
XMLStockMaster		80, 89
SearchStockManager		76
ShowChartAction		56, 65
Variation_Thread_Action		105

Rule	Parameter Name	

File	Line
AddStockAction	135
StockMaster	122
XMLStockMaster	89
SearchStockManager	40
ShowChartAction	56, 167

Rule	Avoid cycle between java packages

File	Line
AddStockAction	N/A
Forgot_passwordAction	N/A
LoginAction	N/A
SearchStockAction	N/A
UserAction	N/A
AlertManager	N/A

Rule	Member name

File	Line
AddStockAction	31
StockMaster	41
XMLStockMaster	31
ShowChartAction	34

Rule	Hide Utility Class Constructor

File	Line
HibernateUtil	11
Test	9
EmailAlert	26

Rule	Local Variable Name

File	Line
Forgot_passwordManager	54
SearchStockManager	44

Rule	Simplify Boolean Expression	
File		**Line**
ShowChartAction		180, 232

Rule	Unused Private Field	
File		**Line**
ShowChartAction		37, 46

Rule	Visibility Modifier	
File		**Line**
ShowChartAction		49