

Quality Report



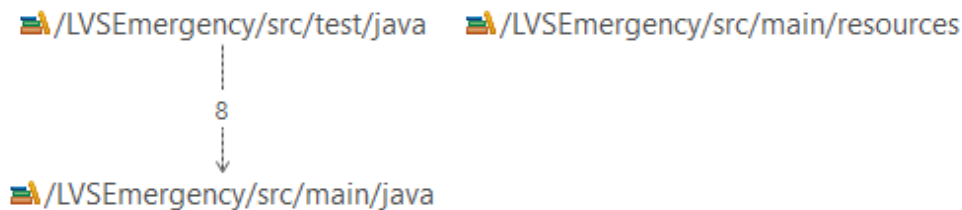
Creation Date 2022-02-20

Package Prefix it.

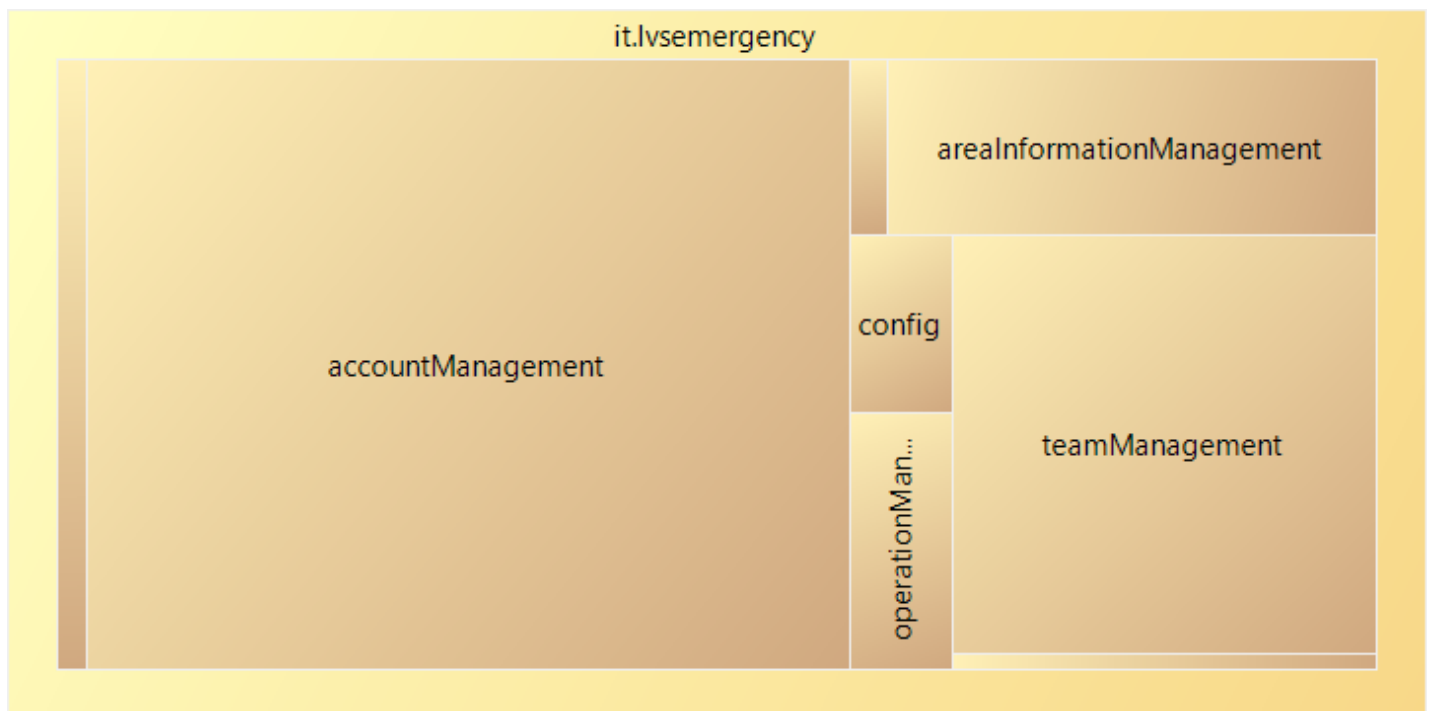
Level of Detail Member

Tmp_220123_212257

Library Dependency Graph



Treemap Overview










Metrics Summary

Metric	Value
Number of Libraries	3
Number of Packages	8
Number of Top Level Classes	26
Average Number of Top Level Classes per Package	3.25
Average Number of Member Classes per Class	0
Average Number of Methods per Class	7.15
Average Number of Fields per Class	2.23
Estimated Lines of Code	760
Estimated Lines of Code per Top Level Class	29.23

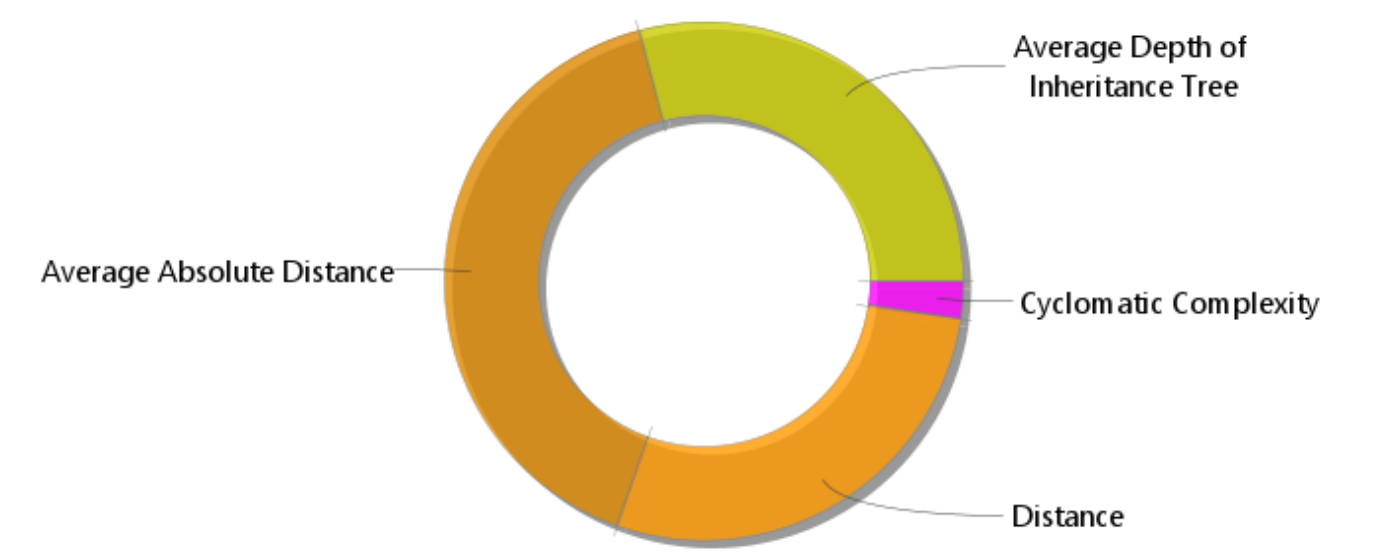
Average Cyclomatic Complexity	0.95
Fat for Library Dependencies	1
Fat for Flat Package Dependencies	3
Fat for Top Level Class Dependencies	47
Tangled for Library Dependencies	0%
Average Component Dependency between Libraries	16.67%
Average Component Dependency between Packages	5.36%
Average Component Dependency between Units	13.69%
Average Distance	0.12
Average Absolute Distance	0.47
Average Weighted Methods per Class	6.81
Average Depth of Inheritance Tree	0.81
Average Number of Children	0
Average Coupling between Objects	0.92
Average Response for a Class	8.69
Average Lack of Cohesion in Methods	27.54

Top Violations (7 of 7)

Artifact	Metric	Value
 Tmp_220123_212257	D	0.47
 Tmp_220123_212257	DIT	0.81
 lvsemergency.accountManagement	D	-0.80
 lvsemergency.areaInformationManagement	D	-0.60
 lvsemergency.accountManagement.User.equals(...)	CC	17
 lvsemergency.operationManagement	D	1
 lvsemergency.alarmNotificationManagement	D	1


Pollution Chart

Pollution 1.37







Violations by Metric


Cyclomatic Complexity

Artifact	Value
 lvsemergency.accountManagement.User.equals(...)	17


Distance

Artifact	Value
 lvsemergency.accountManagement	-0.80
 lvsemergency.areaInformationManagement	-0.60
 lvsemergency.operationManagement	1
 lvsemergency.alarmNotificationManagement	1

Average Absolute Distance

Artifact	Value
 Tmp_220123_212257	0.47

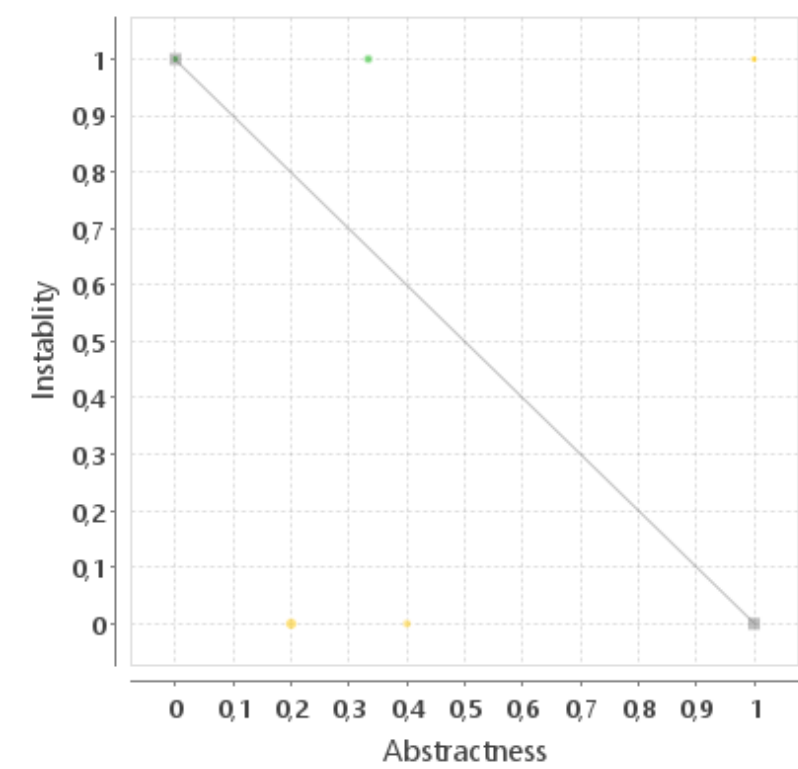
Average Depth of Inheritance Tree

Artifact	Value
 Tmp_220123_212257	0.81

Design Tangles

There are no design tangles.

Package Distance Chart


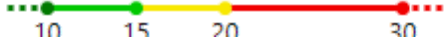

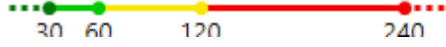

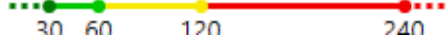

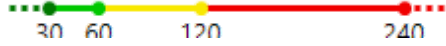










Metric Ratings


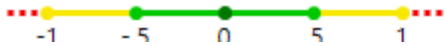


Count Metrics

Metric	Rating	Linear
 Number of Top Level Classes		✓
 Number of Methods		✓
 Number of Fields		✓
 Estimated Lines of Code		✓
 Estimated Lines of Code		✓



Complexity Metrics

Metric	Rating	Linear
 Cyclomatic Complexity		✓
 Fat		✓
 Fat		✓
 Fat		✓
 Tangled		✓
 Tangled for Library Dependencies		✓
 Average Component Dependency between Libraries		✓
 Average Component Dependency between Packages		✓

Robert C. Martin Metrics

Metric	Rating	Linear
 Distance		✓
 Average Absolute Distance		✓

Chidamber & Kemerer Metrics

Metric	Rating	Linear
 Weighted Methods per Class		✓
 Depth of Inheritance Tree		✓
 Average Depth of Inheritance Tree		✓
 Coupling between Objects		✓
 Response for a Class		✓