

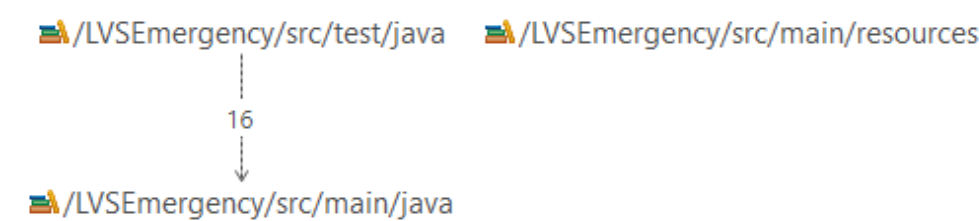
Quality Report



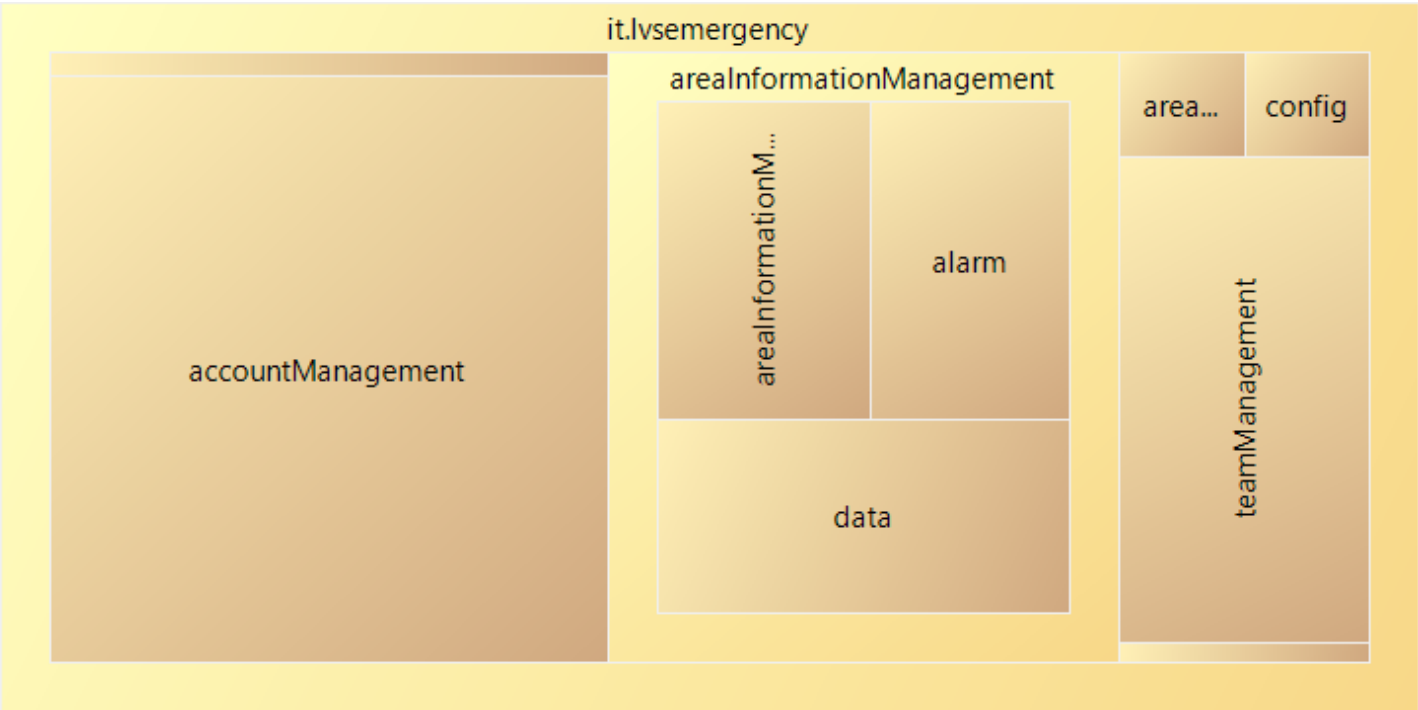
Creation Date 2022-02-01
Package Prefix it.
Level of Detail Member

Tmp_220123_212257

Library Dependency Graph



Treemap Overview








Metrics Summary

Metric	Value
Number of Libraries	3
Number of Packages	9
Number of Top Level Classes	29
Average Number of Top Level Classes per Package	3.22
Average Number of Member Classes per Class	0
Average Number of Methods per Class	7.76
Average Number of Fields per Class	3.07
Estimated Lines of Code	1097
Estimated Lines of Code per Top Level Class	37.83

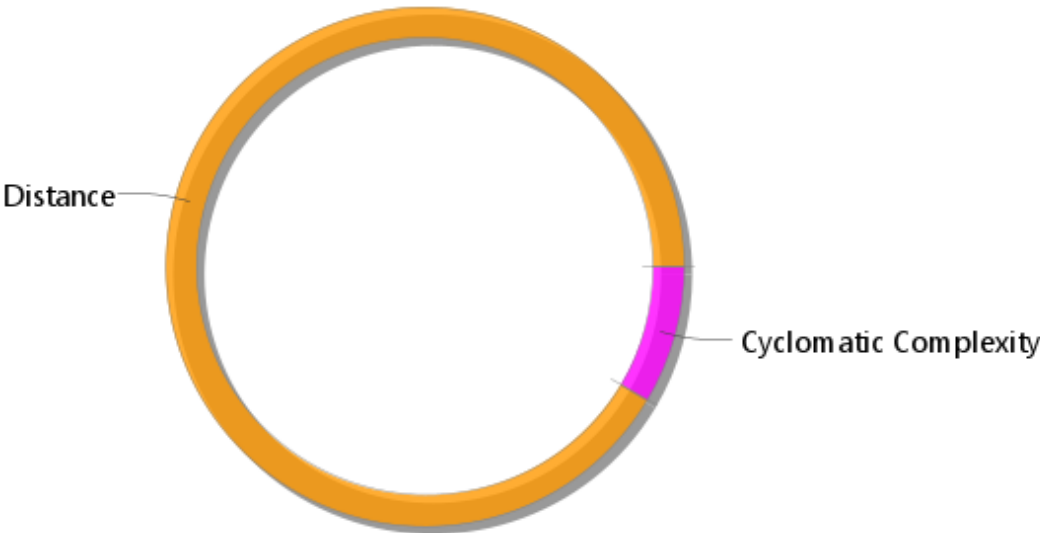
Average Cyclomatic Complexity	1.19
Fat for Library Dependencies	1
Fat for Flat Package Dependencies	6
Fat for Top Level Class Dependencies	53
Tangled for Library Dependencies	0%
Average Component Dependency between Libraries	16.67%
Average Component Dependency between Packages	11.11%
Average Component Dependency between Units	11.70%
Average Distance	-0.24
Average Absolute Distance	0.28
Average Weighted Methods per Class	9.21
Average Depth of Inheritance Tree	1
Average Number of Children	0
Average Coupling between Objects	1.17
Average Response for a Class	9.52
Average Lack of Cohesion in Methods	33.72

Top Violations (5 of 5)

Artifact	Metric	Value
 lvsemergency.accountManagement	D	-0.89
 lvsemergency.areaInformationManagement.data	D	-0.67
 lvsemergency.areaInformationManagement.alarm	D	-0.75
 lvsemergency.accountManagement.User.equals(...)	CC	17
 lvsemergency.areaInformationManagement.data.AprsData.equals(...)	CC	15

Pollution Chart

Pollution 0.40



Violations by Metric

Cyclomatic Complexity

Artifact	Value
lvsemergency.accountManagement.User.equals(...)	17
lvsemergency.areaInformationManagement.data.AprsData.equals(...)	15

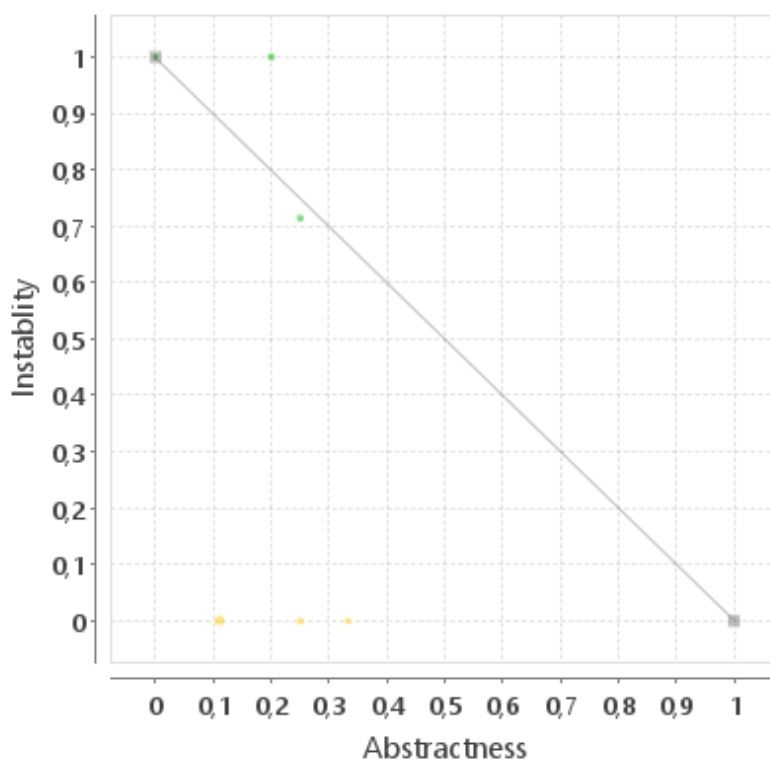
Distance

Artifact	Value
lvsemergency.accountManagement	-0.89
lvsemergency.areaInformationManagement.data	-0.67
lvsemergency.areaInformationManagement.alarm	-0.75

Design Tangles

There are no design tangles.

Package Distance Chart










Metric Ratings

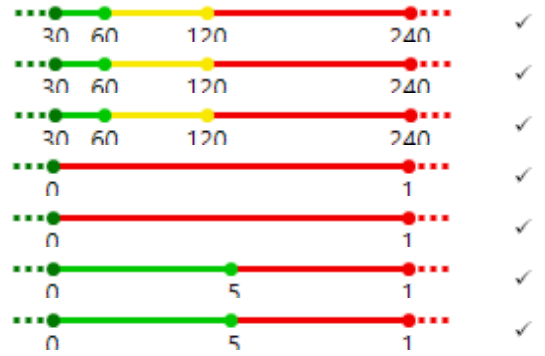
Count Metrics

Metric	Rating	Linear
Number of Top Level Classes	20 40 60 80	✓
Number of Methods	25 50 100 200	✓
Number of Fields	10 20 40 80	✓
Estimated Lines of Code	200 300 400 500	✓
Estimated Lines of Code	30 60 120 240	✓


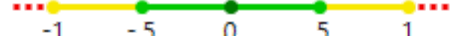


Complexity Metrics

Metric	Rating	Linear
Cyclomatic Complexity	10 15 20 30	✓

-  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		✓