Quality Report

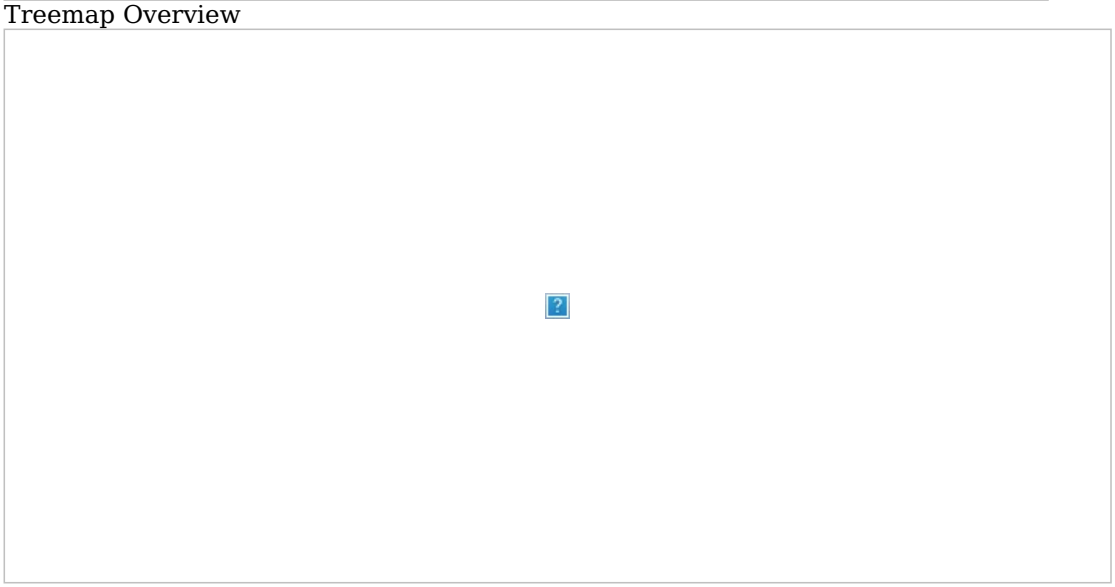
Creation Date 2024-01-17

Level of Detail Member

Tmp_240117_134748

Library Dependency Graph

Treemap Overview



Metrics Summary

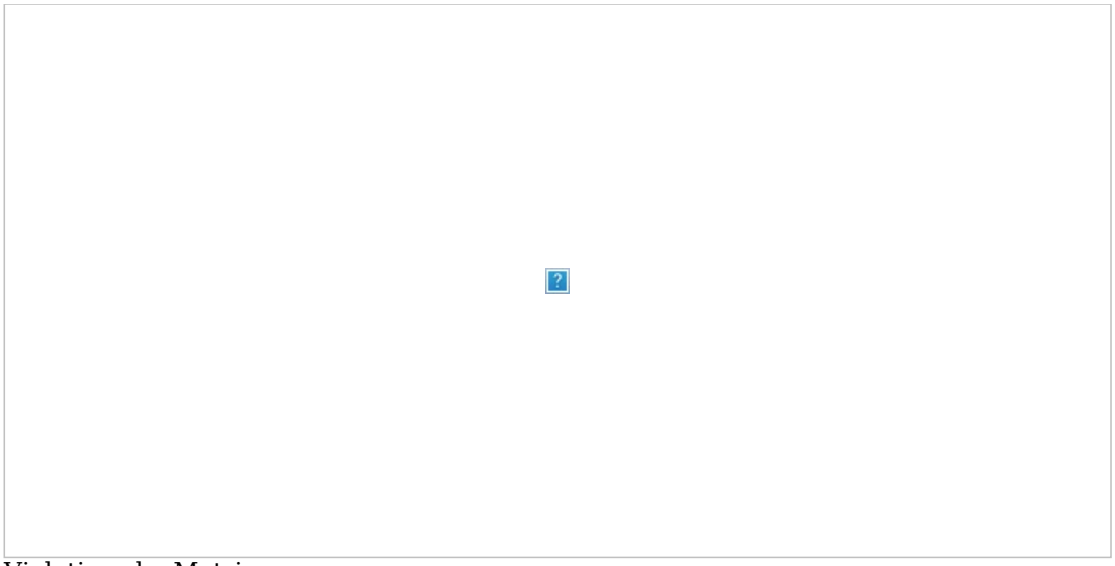
Metric	Value
Number of Libraries	3
Number of Packages	7
Number of Top Level Classes	26
Average Number of Top Level Classes per Package	3.71
Average Number of Member Classes per Class	0
Average Number of Methods per Class	8.42
Average Number of Fields per Class	3.38
Estimated Lines of Code	922
Estimated Lines of Code per Top Level Class	35.46
Average Cyclomatic Complexity	0.96
Fat for Library Dependencies	0
Fat for Flat Package Dependencies	9
Fat for Top Level Class Dependencies	58
Tangled for Library Dependencies	0%
Average Component Dependency between Libraries	0%
Average Component Dependency between Packages	28.57%
Average Component Dependency between Units	26.15%
Average Distance	-0.15
Average Absolute Distance	0.15
Average Weighted Methods per Class	8.12
Average Depth of Inheritance Tree	0.88
Average Number of Children	0
Average Coupling between Objects	1.15
Average Response for a Class	10.15
Average Lack of Cohesion in Methods	42.77

Top Violations (2 of 2)

Artifact	Metric	Value
com.pac.gestoreeventi	Tangled	26.42%
Tmp_240117_134748	DIT	0.88

Pollution Chart

Pollution 1.12



Violations by Metric

Tangled

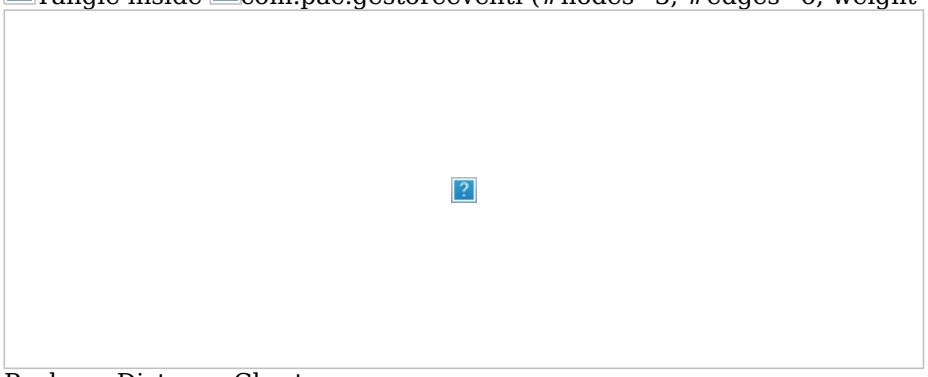
Artifact	Value
com.pac.gestoreeventi	26.42%

Average Depth of Inheritance Tree

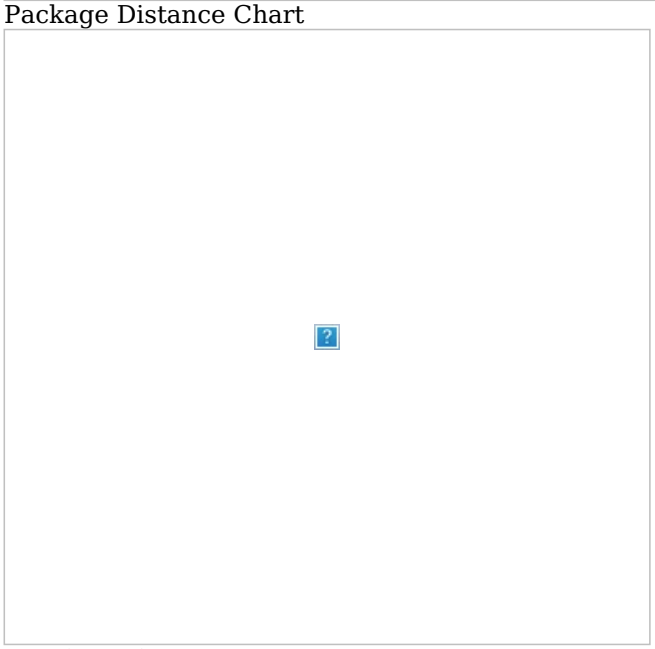
Artifact	Value
Tmp_240117_134748	0.88

Design Tangles

Tangle inside com.pac.gestoreeventi (#nodes=3, #edges=6, weight=37, fas size=3, weight=14)



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		