

CodePro Metrics for BuchRedesign

This document contains the results of running metrics for BuchRedesign at 05.01.17 12:26.

- [BuchRedesign](#)
- [de.buch.datenhaltung](#)
- [de.buch.fachlogik](#)
- [de.buch.gui](#)

Global Results

Metric Name	Value
Abstractness	7.6%
Average Block Depth	0.95
Average Cyclomatic Complexity	1.31
Average Lines Of Code Per Method	7.44
Average Number of Constructors Per Type	0.46
Average Number of Fields Per Type	0.80
Average Number of Methods Per Type	1.96
Average Number of Parameters	0.52
Comments Ratio	0.5%
Difficulty	36.80
Efferent Couplings	10
Effort	387,065.91
Lines of Code	534
Number of Characters	15,065
Number of Comments	3
Number of Constructors	12
Number of Fields	27
Number of Lines	661
Number of Methods	51
Number of Operands	957
Number of Operators	375
Number of Packages	6
Number of Semicolons	305
Number of Types	26
Number of Unique Operands	221
Number of Unique Operators	17
Program Length	1,332
Program Vocabulary	238
Program Volume	10,515.89
Weighted Methods	83

Violation Summary

There were no bounds violations in the computed metrics.

Results for BuchRedesign

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Results for de.buch.datenhaltung

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Metric Name	Value
Number of Operands	227
Comments Ratio	1.3%
Average Number of Constructors Per Type	0.75
Average Number of Methods Per Type	1.75
Number of Unique Operators	12
Number of Operators	89
Number of Characters	4,144
Lines of Code	143
Number of Comments	2
Difficulty	16.60
Average Lines Of Code Per Method	10.80
Number of Unique Operands	82
Number of Lines	179
Average Number of Fields Per Type	0.75
Average Cyclomatic Complexity	2.20
Program Volume	2,071.25
Average Number of Parameters	0.42
Number of Methods	7
Number of Semicolons	75
Program Length	316
Number of Constructors	3
Abstractness	25%
Number of Fields	4
Number of Types	4
Effort	34,402.95
Weighted Methods	22

Program Vocabulary	94
Average Block Depth	1.38
Efferent Couplings	4

Results for de.buch.fachlogik

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Metric Name	Value
Number of Operands	102
Comments Ratio	0%
Average Number of Constructors Per Type	2.00
Average Number of Methods Per Type	5.00
Number of Unique Operators	9
Number of Operators	38
Number of Characters	1,591
Lines of Code	68
Number of Comments	0
Difficulty	14.80
Average Lines Of Code Per Method	3.57
Number of Unique Operands	31
Number of Lines	91
Average Number of Fields Per Type	3.00
Average Cyclomatic Complexity	1.07
Program Volume	745.06
Average Number of Parameters	0.40
Number of Methods	10
Number of Semicolons	34
Program Length	140
Number of Constructors	4
Abstractness	0%
Number of Fields	7
Number of Types	2
Effort	11,031.84
Weighted Methods	15
Program Vocabulary	40
Average Block Depth	0.78
Efferent Couplings	2

Results for de.buch.gui

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Metric Name	Value
Number of Operands	628
Comments Ratio	0.3%
Average Number of Constructors Per Type	0.25
Average Number of Methods Per Type	1.70
Number of Unique Operators	13
Number of Operators	248
Number of Characters	9,330
Lines of Code	323
Number of Comments	1
Difficulty	25.83
Average Lines Of Code Per Method	7.97
Number of Unique Operands	158
Number of Lines	391

Average Number of Fields Per Type	0.60
Average Cyclomatic Complexity	1.17
Program Volume	6,498.03
Average Number of Parameters	0.58
Number of Methods	34
Number of Semicolons	196
Program Length	876
Number of Constructors	5
Abstractness	5%
Number of Fields	16
Number of Types	20
Effort	167,879.71
Weighted Methods	46
Program Vocabulary	171
Average Block Depth	0.90
Efferent Couplings	8

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