

Report Banner - Edit rsm.cfg File

Resource Standard Metrics™ for C, C++, C# and Java
Version 7.75 - mSquaredTechnologies.com

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License No. : SW1380 License Date: Dec 05, 1998
Build Date : Sep 2 2009 Run Date: Apr 05, 2023
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License File: C:\Program Files (x86)\MSquared\M2 RSM\rsm.lic
Config. File: C:\Program Files (x86)\MSquared\M2 RSM\rsm.cfg
Command Line: -H -OC:\Users\Jared\M2 RSM Wizard\output\output.htm -i -o
-SClass/Object Metrics and Analysis -FC:\Users\Jared\M2 RS
M Wizard\input\rsm_file_list.lst

Class/Object Metrics and Analysis

~~ Function Metrics ~~
~~ Class/Struct Metrics ~~

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Controller\ControlHandler.java>

Package Begin: Controller

Class: Controller.ControlHandler

Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 10	Prot 0	Private 1	Total	11
LOC 96	eLOC 75	lLOC 36	Comment 5	Lines	117

Package End: Controller

~~ Total File Summary ~~

LOC 105	eLOC 84	lLOC 45	Comment 5	Lines	130
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~~ File Functional Summary ~~

File Function Count....:	11		
Total Function LOC.....:	81	Total Function Pts LOC :	2.0
Total Function eLOC.....:	61	Total Function Pts eLOC:	1.6
Total Function lLOC.....:	31	Total Function Pts lLOC:	0.8
Total Function Params ..:	9	Total Function Return ..:	11
Total Cyclo Complexity :	24	Total Function Complex.:	44
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Max Function LOC	46	Average Function LOC ..:	7.36
Max Function eLOC	38	Average Function eLOC ..:	5.55
Max Function lLOC	22	Average Function lLOC ..:	2.82

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Controller\ControlHandler.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Arrow.java>

Package Begin: **Model**

Class: **Model.Arrow**

Attributes	Publ 0	Prot 0	Private 4	Total	4
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 30	eLOC 27	lLOC 24	Comment 0	Lines	36

Package End: **Model**

~~ Total File Summary ~~

LOC 32	eLOC 29	lLOC 26	Comment 0	Lines	41
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~~ File Functional Summary ~~

File Function Count....:	2				
Total Function LOC.....:	24	Total Function Pts LOC :	0.6		
Total Function eLOC.....:	22	Total Function Pts eLOC:	0.5		
Total Function lLOC.....:	20	Total Function Pts lLOC:	0.5		
Total Function Params ..:	5	Total Function Return ..:	2		
Total Cyclo Complexity :	2	Total Function Complex.:	9		
-----	-----	-----	-----	-----	-----
Max Function LOC	18	Average Function LOC ..:	12.00		
Max Function eLOC	17	Average Function eLOC ..:	11.00		
Max Function lLOC	16	Average Function lLOC ..:	10.00		

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Arrow.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\BeginShape.java>

Package Begin: **Model**

Class: **Model.BeginShape**

Inheritance: **Shape**

Attributes	Publ 1	Prot 0	Private 0	Total	1
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 28	Comment 4	Lines	63

Package End: **Model**

~~ Total File Summary ~~

LOC 55	eLOC 46	lLOC 31	Comment 4	Lines	69
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~~ File Functional Summary ~~

File Function Count....:	5				
Total Function LOC.....:	47	Total Function Pts LOC :	1.0		
Total Function eLOC.....:	39	Total Function Pts eLOC:	0.9		
Total Function lLOC.....:	27	Total Function Pts lLOC:	0.6		
Total Function Params ..:	8	Total Function Return ..:	5		
Total Cyclo Complexity :	8	Total Function Complex.:	21		

Max Function LOC	25	Average Function LOC ..	9.40
Max Function eLOC	21	Average Function eLOC ..	7.80
Max Function lLOC	13	Average Function lLOC ..	5.40

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\BeginShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ConditionShape.java>

Package Begin: Model

Class: Model.ConditionShape

Inheritance: Shape

Attributes	Publ 1	Prot 0	Private 1	Total	2
Methods	Publ 7	Prot 0	Private 0	Total	7
LOC 48	eLOC 39	lLOC 23	Comment 4	Lines	59

Package End: Model

~~ Total File Summary ~~

LOC 52	eLOC 43	lLOC 27	Comment 4	Lines	66
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~~ File Functional Summary ~~

File Function Count....:	5		
Total Function LOC.....:	37	Total Function Pts LOC :	1.0
Total Function eLOC.....:	30	Total Function Pts eLOC:	0.8
Total Function lLOC.....:	18	Total Function Pts lLOC:	0.5
Total Function Params ..:	7	Total Function Return ..:	4
Total Cyclo Complexity :	10	Total Function Complex.:	21

Max Function LOC	25	Average Function LOC ..	7.40
Max Function eLOC	21	Average Function eLOC ..	6.00
Max Function lLOC	13	Average Function lLOC ..	3.60

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ConditionShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\EndShape.java>

Package Begin: Model

Class: Model.EndShape

Inheritance: Shape

Attributes	Publ 0	Prot 0	Private 1	Total	1
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 28	Comment 4	Lines	64

Package End: Model

~~ Total File Summary ~~

LOC 55	eLOC 46	lLOC 31	Comment 4	Lines	72
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~~ File Functional Summary ~~

File Function Count....:	5				
Total Function LOC.....:	47	Total Function Pts LOC :	1.0		
Total Function eLOC.....:	39	Total Function Pts eLOC:	0.9		
Total Function lLOC.....:	27	Total Function Pts lLOC:	0.6		
Total Function Params .:	8	Total Function Return .:	5		
Total Cyclo Complexity :	8	Total Function Complex.:	21		
-----	-----	-----	-----	-----	-----
Max Function LOC	25	Average Function LOC ..:	9.40		
Max Function eLOC	21	Average Function eLOC .:	7.80		
Max Function lLOC	13	Average Function lLOC .:	5.40		

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\EndShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\InputOutputShape.java>

Package Begin: Model

Class: Model.InputOutputShape

Inheritance: Shape

Attributes	Publ 0	Prot 0	Private 12	Total	12
Methods	Publ 6	Prot 0	Private 0	Total	6
LOC 67	eLOC 58	lLOC 45	Comment 2	Lines	85

Package End: Model

~~ Total File Summary ~~

LOC 72	eLOC 63	lLOC 50	Comment 2	Lines	93
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~~ File Functional Summary ~~

File Function Count....:	6				
Total Function LOC.....:	57	Total Function Pts LOC :	1.4		
Total Function eLOC.....:	49	Total Function Pts eLOC:	1.2		
Total Function lLOC.....:	39	Total Function Pts lLOC:	0.9		
Total Function Params .:	11	Total Function Return .:	7		
Total Cyclo Complexity :	8	Total Function Complex.:	26		
-----	-----	-----	-----	-----	-----
Max Function LOC	17	Average Function LOC ..:	9.50		
Max Function eLOC	15	Average Function eLOC .:	8.17		
Max Function lLOC	13	Average Function lLOC .:	6.50		

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\InputOutputShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\InstructionShape.java>

Package Begin: Model

Class: Model.InstructionShape

Inheritance: Shape

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 48	eLOC 39	lLOC 24	Comment 13	Lines	63

Package End: Model

~~ Total File Summary ~~

LOC 51	eLOC 42	lLOC 27	Comment 13	Lines	72
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~~ File Functional Summary ~~

File Function Count....:	5		
Total Function LOC.....:	43	Total Function Pts LOC :	1.0
Total Function eLOC.....:	35	Total Function Pts eLOC:	0.8
Total Function lLOC.....:	22	Total Function Pts lLOC:	0.5
Total Function Params ..:	8	Total Function Return ..:	5
Total Cyclo Complexity :	11	Total Function Complex.:	24
-----	-----	-----	-----
Max Function LOC	25	Average Function LOC ..:	8.60
Max Function eLOC	21	Average Function eLOC ..:	7.00
Max Function lLOC	13	Average Function lLOC ..:	4.40

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\InstructionShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\MethodShape.java>

Package Begin: Model

Class: Model.MethodShape

Inheritance: Shape

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 51	eLOC 42	lLOC 26	Comment 4	Lines	59

Package End: Model

~~ Total File Summary ~~

LOC 54	eLOC 45	lLOC 29	Comment 4	Lines	66
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~~ File Functional Summary ~~

File Function Count....:	5		
Total Function LOC.....:	45	Total Function Pts LOC :	1.0
Total Function eLOC.....:	37	Total Function Pts eLOC:	0.8
Total Function lLOC.....:	24	Total Function Pts lLOC:	0.5
Total Function Params ..:	8	Total Function Return ..:	5
Total Cyclo Complexity :	11	Total Function Complex.:	24

Max Function LOC	25	Average Function LOC ..	9.00
Max Function eLOC	21	Average Function eLOC ..	7.40
Max Function lLOC	13	Average Function lLOC ..	4.80

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\MethodShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Repository.java>

Package Begin: Model

Class: Model.Repository

Inheritance: Observable

Attributes	Publ 0	Prot 0	Private 5	Total	5
Methods	Publ 14	Prot 0	Private 1	Total	15
LOC 119	eLOC 98	lLOC 62	Comment 7	Lines	140

Package End: Model

~~ Total File Summary ~~

LOC 123	eLOC 102	lLOC 66	Comment 7	Lines	147
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~~ File Functional Summary ~~

File Function Count....:	15		
Total Function LOC.....:	112	Total Function Pts LOC :	2.3
Total Function eLOC.....:	92	Total Function Pts eLOC:	1.9
Total Function lLOC.....:	57	Total Function Pts lLOC:	1.2
Total Function Params ..:	13	Total Function Return ..:	16
Total Cyclo Complexity :	32	Total Function Complex.:	61

Max Function LOC	25	Average Function LOC ..	7.47
Max Function eLOC	23	Average Function eLOC ..	6.13
Max Function lLOC	14	Average Function lLOC ..	3.80

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Repository.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Shape.java>

Package Begin: Model

Class: Model.Shape

Attributes	Publ 0	Prot 2	Private 5	Total	7
Methods	Publ 18	Prot 0	Private 0	Total	18
LOC 67	eLOC 49	lLOC 29	Comment 15	Lines	100

Package End: Model

~~ Total File Summary ~~

LOC 70	eLOC 52	lLOC 32	Comment 15	Lines	110
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~~ File Functional Summary ~~

File Function Count....:	16				
Total Function LOC.....:	58	Total Function Pts LOC :		1.3	
Total Function eLOC.....:	41	Total Function Pts eLOC:		1.0	
Total Function lLOC.....:	23	Total Function Pts lLOC:		0.6	
Total Function Params .:	9	Total Function Return .:		18	
Total Cyclo Complexity :	20	Total Function Complex.:		47	
-----	-----	-----	-----	-----	-----
Max Function LOC	10	Average Function LOC ..:		3.63	
Max Function eLOC	7	Average Function eLOC ..:		2.56	
Max Function lLOC	5	Average Function lLOC ..:		1.44	

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Shape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java>

[Package Begin:](#) Model

[Package End:](#) Model

~~ Total File Summary ~~

LOC 4	eLOC 3	lLOC 1	Comment 0	Lines	5
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End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.java>

[Package Begin:](#) Model

[Class:](#) Model.VariableShape

[Inheritance:](#) Shape

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 26	Comment 4	Lines	60

[Package End:](#) Model

~~ Total File Summary ~~

LOC 55	eLOC 46	lLOC 29	Comment 4	Lines	65
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~~ File Functional Summary ~~

File Function Count....:	5
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Total Function LOC.....:	45	Total Function Pts LOC :	1.0
Total Function eLOC.....:	37	Total Function Pts eLOC:	0.9
Total Function lLOC.....:	24	Total Function Pts lLOC:	0.5
Total Function Params .:	8	Total Function Return .:	5
Total Cyclo Complexity :	11	Total Function Complex.:	24

Max Function LOC	25	Average Function LOC ...:	9.00
Max Function eLOC	21	Average Function eLOC .:	7.40
Max Function lLOC	13	Average Function lLOC .:	4.80

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\Blackboard.java>

[Package Begin: View](#)

Class: View.Blackboard

Inheritance: JPanel

Attributes	Publ 0	Prot 0	Private 1	Total	1
Methods	Publ 6	Prot 0	Private 1	Total	7
LOC 36	eLOC 26	lLOC 9	Comment 1	Lines	43

[Package End: View](#)

~~ Total File Summary ~~

LOC 44	eLOC 34	lLOC 17	Comment 1	Lines	54
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~~ File Functional Summary ~~

File Function Count.....:	7		
Total Function LOC.....:	31	Total Function Pts LOC :	0.8
Total Function eLOC.....:	22	Total Function Pts eLOC:	0.6
Total Function lLOC.....:	8	Total Function Pts lLOC:	0.3
Total Function Params .:	3	Total Function Return .:	7
Total Cyclo Complexity :	12	Total Function Complex.:	22

Max Function LOC	16	Average Function LOC ...:	4.43
Max Function eLOC	11	Average Function eLOC .:	3.14
Max Function lLOC	4	Average Function lLOC .:	1.14

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\Blackboard.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\fileMenu.java>

[Package Begin: View](#)

Class: View.fileMenu

Inheritance: JMenu

Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 29	eLOC 25	lLOC 18	Comment 0	Lines	35

[Package End: View](#)

~~ Total File Summary ~~

LOC 33	eLOC 29	lLOC 22	Comment 0	Lines	43
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~~ File Functional Summary ~~

File Function Count....:	2				
Total Function LOC.....:	23	Total Function Pts LOC :	0.6		
Total Function eLOC.....:	20	Total Function Pts eLOC:	0.5		
Total Function lLOC.....:	15	Total Function Pts lLOC:	0.4		
Total Function Params ..:	2	Total Function Return ..:	2		
Total Cyclo Complexity :	5	Total Function Complex.:	9		
-----	-----	-----	-----	-----	-----
Max Function LOC	12	Average Function LOC ..:	11.50		
Max Function eLOC	11	Average Function eLOC ..:	10.00		
Max Function lLOC	10	Average Function lLOC ..:	7.50		

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\FinalProject.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\FinalProject.java>

[Package Begin: View](#)

[Class: View.FinalProject](#)

Inheritance: [JFrame](#)

Attributes	Publ 2	Prot 0	Private 0	Total	2
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 24	eLOC 21	lLOC 18	Comment 0	Lines	29

[Package End: View](#)

~~ Total File Summary ~~

LOC 29	eLOC 26	lLOC 23	Comment 0	Lines	38
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~~ File Functional Summary ~~

File Function Count....:	2				
Total Function LOC.....:	20	Total Function Pts LOC :	0.5		
Total Function eLOC.....:	18	Total Function Pts eLOC:	0.5		
Total Function lLOC.....:	16	Total Function Pts lLOC:	0.4		
Total Function Params ..:	1	Total Function Return ..:	2		
Total Cyclo Complexity :	2	Total Function Complex.:	5		
-----	-----	-----	-----	-----	-----
Max Function LOC	14	Average Function LOC ..:	10.00		
Max Function eLOC	13	Average Function eLOC ..:	9.00		
Max Function lLOC	12	Average Function lLOC ..:	8.00		

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\FinalProject.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\Menu.java>

Package Begin: View

Class: View.Menu

Inheritance: JMenuBar

Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 1	Prot 0	Private 0	Total	1
LOC 13	eLOC 11	lLOC 9	Comment 0	Lines	16

Package End: View

~~ Total File Summary ~~

LOC 15	eLOC 13	lLOC 11	Comment 0	Lines	21
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~~ File Functional Summary ~~

File Function Count....:	1		
Total Function LOC....:	8	Total Function Pts LOC :	0.3
Total Function eLOC....:	7	Total Function Pts eLOC:	0.2
Total Function lLOC....:	6	Total Function Pts lLOC:	0.2
Total Function Params ..:	0	Total Function Return ..:	1
Total Cyclo Complexity :	1	Total Function Complex.:	2
-----	-----	-----	-----
Max Function LOC	8	Average Function LOC ..:	8.00
Max Function eLOC	7	Average Function eLOC ..:	7.00
Max Function lLOC	6	Average Function lLOC ..:	6.00

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\Menu.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\shapeMenu.java>

Package Begin: View

Class: View.shapeMenu

Inheritance: JMenu

Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 52	eLOC 48	lLOC 37	Comment 0	Lines	62

Package End: View

~~ Total File Summary ~~

LOC 57	eLOC 53	lLOC 42	Comment 0	Lines	72
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~~ File Functional Summary ~~

File Function Count....: 2

Total Function LOC.....:	42	Total Function Pts LOC :	1.1
Total Function eLOC.....:	39	Total Function Pts eLOC:	1.0
Total Function lLOC.....:	30	Total Function Pts lLOC:	0.8
Total Function Params .:	2	Total Function Return .:	2
Total Cyclo Complexity :	9	Total Function Complex.:	13

Max Function LOC	24	Average Function LOC ..:	21.00
Max Function eLOC	23	Average Function eLOC .:	19.50
Max Function lLOC	22	Average Function lLOC .:	15.00

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\StatusBar.java>

File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\StatusBar.java>

[Package Begin: View](#)

[Class: View.StatusBar](#)

Inheritance: [JPanel](#)

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 2	Prot 0	Private 1	Total	3
LOC 18	eLOC 13	lLOC 8	Comment 0	Lines	20

[Package End: View](#)

~~ Total File Summary ~~

LOC 21	eLOC 16	lLOC 11	Comment 0	Lines	26
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~~ File Functional Summary ~~

File Function Count.....:	3		
Total Function LOC.....:	14	Total Function Pts LOC :	0.4
Total Function eLOC.....:	10	Total Function Pts eLOC:	0.3
Total Function lLOC.....:	6	Total Function Pts lLOC:	0.2
Total Function Params .:	1	Total Function Return .:	3
Total Cyclo Complexity :	4	Total Function Complex.:	8

Max Function LOC	6	Average Function LOC ..:	4.67
Max Function eLOC	4	Average Function eLOC .:	3.33
Max Function lLOC	3	Average Function lLOC .:	2.00

End of File: <C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\StatusBar.java>

~~ Total Metrics For 18 Files ~~

~~ Total Project Summary ~~

LOC 927	eLOC 772	lLOC 520	Comment 63	Lines	1190
Average per File, metric/18 files					
LOC 51	eLOC 42	lLOC 28	Comment 3	Lines	66

~~ Project Class/Struct Metrics ~~

Class: Controller.ControlHandler

Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 10	Prot 0	Private 1	Total	11
LOC 96	eLOC 75	lLOC 36	Comment 5	Lines	117

Class: Model.Arrow

Attributes	Publ 0	Prot 0	Private 4	Total	4
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 30	eLOC 27	lLOC 24	Comment 0	Lines	36

Class: Model.BeginShape

Inheritance: **Shape**

Attributes	Publ 1	Prot 0	Private 0	Total	1
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 28	Comment 4	Lines	63

Class: Model.ConditionShape

Inheritance: **Shape**

Attributes	Publ 1	Prot 0	Private 1	Total	2
Methods	Publ 7	Prot 0	Private 0	Total	7
LOC 48	eLOC 39	lLOC 23	Comment 4	Lines	59

Class: Model.EndShape

Inheritance: **Shape**

Attributes	Publ 0	Prot 0	Private 1	Total	1
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 28	Comment 4	Lines	64

Class: Model.InputOutputShape

Inheritance: **Shape**

Attributes	Publ 0	Prot 0	Private 12	Total	12
Methods	Publ 6	Prot 0	Private 0	Total	6
LOC 67	eLOC 58	lLOC 45	Comment 2	Lines	85

Class: Model.InstructionShape

Inheritance: **Shape**

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 48	eLOC 39	lLOC 24	Comment 13	Lines	63

Class: Model.MethodShape

Inheritance: **Shape**

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 51	eLOC 42	lLOC 26	Comment 4	Lines	59

Class: Model.Repository

Inheritance: **Observable**

Attributes	Publ 0	Prot 0	Private 5	Total	5
Methods	Publ 14	Prot 0	Private 1	Total	15
LOC 119	eLOC 98	lLOC 62	Comment 7	Lines	140

Class: Model.Shape

Attributes	Publ 0	Prot 2	Private 5	Total	7
Methods	Publ 18	Prot 0	Private 0	Total	18
LOC 67	eLOC 49	lLOC 29	Comment 15	Lines	100

Class: Model.VariableShape

Inheritance: **Shape**

Attributes	Publ 0	Prot 0	Private 2	Total	2
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Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	lLOC 26	Comment 4	Lines	60

[Class: View.Blackboard](#)

Inheritance: [JPanel](#)

Attributes	Publ 0	Prot 0	Private 1	Total	1
Methods	Publ 6	Prot 0	Private 1	Total	7
LOC 36	eLOC 26	lLOC 9	Comment 1	Lines	43

[Class: View.fileMenu](#)

Inheritance: [JMenu](#)

Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 29	eLOC 25	lLOC 18	Comment 0	Lines	35

[Class: View.FinalProject](#)

Inheritance: [JFrame](#)

Attributes	Publ 2	Prot 0	Private 0	Total	2
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 24	eLOC 21	lLOC 18	Comment 0	Lines	29

[Class: View.Menu](#)

Inheritance: [JMenuBar](#)

Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 1	Prot 0	Private 0	Total	1
LOC 13	eLOC 11	lLOC 9	Comment 0	Lines	16

[Class: View.shapeMenu](#)

Inheritance: [JMenu](#)

Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 52	eLOC 48	lLOC 37	Comment 0	Lines	62

[Class: View.StatusBar](#)

Inheritance: [JPanel](#)

Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 2	Prot 0	Private 1	Total	3
LOC 18	eLOC 13	lLOC 8	Comment 0	Lines	20

Total: All Classes/Structs

Attributes	Publ 4	Prot 2	Private 57	Total	63
Methods	Publ 97	Prot 0	Private 4	Total	101
LOC 854	eLOC 700	lLOC 450	Comment 63	Lines	1051

~~ Project Class/Struct Analysis ~~

Total Classes/Structs ..	17	Total Methods	101
Total Public Methods ..	97	Total Public Attributes:	4
Total Protected Methods:	0	Total Protected Attrib.:	2
Total Private Methods ..	4	Total Private Attrib. ..	57
Total Physical Lines ...	1051	Total LOC	854
Total eLOC	700	Total lLOC	450
Total Cyclomatic Comp. :	178	Total Interface Comp. ..	203
Total Parameters	103	Total Return Points ...:	100
Total Comment Lines ...:	63	Total Blank Lines	157

Avg Physical Lines	61.82	Avg Methods	5.94
Avg Public Methods	5.71	Avg Public Attributes ..	0.24
Avg Protected Methods ..	0.00	Avg Protected Attrib. ..	0.12
Avg Private Methods ...:	0.24	Avg Private Attributes :	3.35
Avg LOC	50.24	Avg eLOC	41.18
Avg lLOC	26.47	Avg Cyclomatic Comp. ...	10.47
Avg Interface Comp.	11.94	Avg Parameters	6.06

Avg Return Points	5.88	Avg Comment Lines	3.71
-----	-----	-----	-----
Max Physical Lines	140	Max Methods	18
Max Public Methods	18	Max Public Attributes ..	2
Max Protected Methods ..	0	Max Protected Attrib. ..	2
Max Private Methods	1	Max Private Attributes :	12
Max LOC	119	Max eLOC	98
Max lLOC	62	Max Cyclomatic Comp. ...	32
Max Interface Comp.	29	Max Parameters	13
Max Return Points	18	Max Comment Lines	15
-----	-----	-----	-----
Min Physical Lines	16	Min Methods	1
Min Public Methods	1	Min Public Attributes ..	0
Min Protected Methods ..	0	Min Protected Attrib. ..	0
Min Private Methods	0	Min Private Attributes :	0
Min LOC	13	Min eLOC	11
Min lLOC	8	Min Cyclomatic Comp. ...	1
Min Interface Comp.	1	Min Parameters	0
Min Return Points	1	Min Comment Lines	0

~~ Class Inheritance Tree ~~

D - Depth where base class depth = 0
 C - Number of direct child classes
 P - Number of direct parents, Multiple Inheritance > 1

+ **Controller.ControlHandler** [D0.C0]

+ **JFrame** [D0.C1]

- View.FinalProject [D1.C0.P1]

+ **JMenu** [D0.C2]

- View.fileMenu [D1.C0.P1]

- View.shapeMenu [D1.C0.P1]

+ **JMenuBar** [D0.C1]

- View.Menu [D1.C0.P1]

+ **JPanel** [D0.C2]

- View.Blackboard [D1.C0.P1]

- View.StatusBar [D1.C0.P1]

+ **Model.Arrow** [D0.C0]

+ **Model.Shape** [D0.C7]

- Model.BeginShape [D1.C0.P1]

- Model.ConditionShape [D1.C0.P1]

- Model.EndShape [D1.C0.P1]

- Model.InputOutputShape [D1.C0.P1]

- Model.InstructionShape [D1.C0.P1]

- Model.MethodShape [D1.C0.P1]

- Model.VariableShape [D1.C0.P1]

+ **Observable** [D0.C1]

- Model.Repository [D1.C0.P1]

Total Classes : 22

Total Base Classes : 8

Total Derived Classes: 14

Derived/Based Ratio : 1.75

Maximum Depth of Inheritance: 1

Average Depth of Inheritance: 0.64

Maximum Number of Direct Child Classes: 7
Average Number of Direct Child Classes: 0.64

~~ Project Namespace/Package Metrics ~~

Namespace/Package: **Controller**

Total Classes	1	Total Functions	11	Avg Func/Class	11.00
Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 10	Prot 0	Private 1	Total	11
LOC 96	eLOC 75	lLOC 36	Comment 5	Lines	117

Namespace/Package: **Model**

Total Classes	10	Total Functions	73	Avg Func/Class	7.30
Attributes	Publ 2	Prot 2	Private 34	Total	38
Methods	Publ 72	Prot 0	Private 1	Total	73
LOC 586	eLOC 481	lLOC 315	Comment 57	Lines	729

Namespace/Package: **View**

Total Classes	6	Total Functions	17	Avg Func/Class	2.83
Attributes	Publ 2	Prot 0	Private 16	Total	18
Methods	Publ 15	Prot 0	Private 2	Total	17
LOC 172	eLOC 144	lLOC 99	Comment 1	Lines	205

Total: All Namespaces/Packages

Total Classes	17	Total Functions	101	Avg Func/Class	5.94
Attributes	Publ 4	Prot 2	Private 57	Total	63
Methods	Publ 97	Prot 0	Private 4	Total	101
LOC 854	eLOC 700	lLOC 450	Comment 63	Lines	1051

~~ Project Namespace/Package Analysis ~~

Total Namespace/Package:	3		
Total Classes/Structs ..	17	Total Methods	101
Total Public Methods ...	97	Total Public Attributes:	4
Total Protected Methods:	0	Total Protected Attrib.:	2
Total Private Methods ..	4	Total Private Attrib. ..	57
Total Physical Lines ...	1051	Total LOC	854
Total eLOC	700	Total lLOC	450
Total Cyclomatic Comp. :	178	Total Interface Comp. ..	203
Total Parameters	103	Total Return Points ...:	100
Total Comment Lines ...:	63	Total Blank Lines	157

Avg Classes/Structs	5.67	Avg Methods	33.67
Avg Public Methods	32.33	Avg Public Attributes ..	1.33
Avg Protected Methods ..	0.00	Avg Protected Attrib. ..	0.67
Avg Private Methods	1.33	Avg Private Attributes :	19.00
Avg LOC	284.67	Avg eLOC	233.33
Avg lLOC	150.00	Avg Cyclomatic Comp. ...	59.33
Avg Interface Comp.	67.67	Avg Parameters	34.33
Avg Return Points	33.33	Avg Comment Lines	21.00

Max Classes/Struct	10	Max Methods	73
Max Public Methods	72	Max Public Attributes ..	2
Max Protected Methods ..	0	Max Protected Attrib. ..	2
Max Private Methods	2	Max Private Attributes :	34
Max LOC	586	Max eLOC	481
Max lLOC	315	Max Cyclomatic Comp. ...	121
Max Interface Comp.	157	Max Parameters	85
Max Return Points	72	Max Comment Lines	57

Min Classes/Structs:	1	Min Methods:	11
Min Public Methods:	10	Min Public Attributes .:	0
Min Protected Methods .:	0	Min Protected Attrib. .:	0
Min Private Methods:	1	Min Private Attributes :	7
Min LOC:	96	Min eLOC:	75
Min lLOC:	36	Min Cyclomatic Comp. ...:	24
Min Interface Comp.:	20	Min Parameters:	9
Min Return Points:	11	Min Comment Lines:	1

~~ File Summary ~~

C Source Files *.c:	0	C/C++ Include Files *.h:	0
C++ Source Files *.c* .:	0	C++ Include Files *.h* :	0
C# Source Files *.cs ...:	0	Java Source File *.jav*:	18
Other Source Files:	0		
Total File Count:	18		

Shareware evaluation licenses process only **20** files.
Paid licenses enable processing for an unlimited number of files.

Report Banner - Edit rsm.cfg File