Report Banner - Edit rsm.cfg File

License Date: Dec 05, 1998

Run Date: Apr 05, 2023

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

License Type: Shareware Evaluation License

©1996-2009 M Squared Technologies LLC™

License No. : SW1380

Build Date : Sep 2 2009

Licensed To : Shareware End User - Distribute Freely

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\Controlle r\ControlHandler.java Package Begin: Controller Class: Controller.ControlHandler Private 7 Total
Private 1 Total
Comment 5 Lines Attributes Publ 0 Prot 0 7 Publ 10 Prot 0 eLOC 75 1LOC 36 Methods 11 LOC 96 Lines 117 Package End: Controller -----~~ Total File Summary ~~ LOC 105 eLOC 84 lLOC 45 Comment 5 Lines 130 ~~ File Functional Summary ~~ File Function Count...: 11
Total Function LOC....: 81 Total Function Pts LOC:
Total Function eLOC...: 61 Total Function Pts eLOC:
Total Function 1LOC...: 31 Total Function Pts 1LOC:
Total Function Params .: 9 Total Function Return .:
Total Cyclo Complexity: 24 Total Function Complex.: 2.0 1.6 0.8 11 44 Max Function LOC: 46 Average Function LOC .:: 7.36 Max Function eLOC ...: 38 Average Function eLOC .: 5.55 Max Function 1LOC ...: 22 Average Function 1LOC .: 2.82 End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Co ntroller\ControlHandler.java

<u>Package Begin</u> :	: Model				
Class: Model.A	\rrow				
Attributes F		Prot 0	Private 4	Total	4
Methods F			Private 0	Total	2
LOC 30 6	eLOC 27	1LOC 24	Comment 0	Lines	36
Package End: M	Model				
	~	~ Total File	e Summary ~~		
LOC 32 6	eLOC 29	1LOC 26	Comment 0	Lines	41
	~~	File Functio	onal Summary ~~		
File Function	Count:	2			
Total Function			Total Function Pt		0.6
Total Function			Total Function Pt		0.5
Total Functior Total Function		_	Total Function Pt Total Function Re		0.5 2
Total Cyclo Co			Total Function Co		9
-					
Max Function L		18	Average Function	LOC:	12.00
Max Function e		17	Average Function	eLOC .:	11.00
	110C:	16	Average Function	1LOC .:	10.00
Max Function]			Average rangezon		
End of File: C		ed\OneDrive\	\Documents\GitHub\		t308\Mo
End of File: C	C:\Users\Jar del\Arrow.ja	ed\OneDrive\ va		<u>FinalProjec</u>	
End of File: C	C:\Users\Jar del\Arrow.ja s\Jared\OneD java	ed\OneDrive\ va	\Documents\GitHub\	<u>FinalProjec</u>	
File: C:\Users inShape. Package Begin: Class: Model.E	C:\Users\Jardel\Arrow.ja S\Jared\OneD .java : Model BeginShape	ed\OneDrive\ va	\Documents\GitHub\	<u>FinalProjec</u>	
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S	C:\Users\Jardel\Arrow.ja S\Jared\OneD .java : Model BeginShape Shape	red\OneDrive\ va Prive\Documer	\Documents\GitHub\	FinalProjec	del\Beg
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes	C:\Users\Jardel\Arrow.ja S\Jared\OneD java Model BeginShape Shape Publ 1	red\OneDrive\ va Prive\Documer	\Documents\GitHub\ nts\GitHub\FinalPr	Total	del\Beg
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods	C:\Users\Jared\OneD S\Jared\OneD Sjava Model BeginShape Publ 1 Publ 5	Prot 0 Prot 0	\Documents\GitHub\ nts\GitHub\FinalPr Private 0 Private 0	Total	<u>del\Beg</u>
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes	C:\Users\Jared\OneD cjava : Model BeginShape Shape Publ 1 Publ 5 eLOC 43	Prot 0 Prot 0	\Documents\GitHub\ nts\GitHub\FinalPr Private 0 Private 0	Total	<u>del\Beg</u>
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD c s\Jared\OneD c sva : Model BeginShape Publ 1 Publ 5 eLOC 43	Prot 0 Prot 0 Prot 0 1LOC 28	\Documents\GitHub\ nts\GitHub\FinalPr Private 0 Private 0	Total Total Lines	del\Beg 1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD S\Jared\OneD java Model BeginShape Publ 1 Publ 5 Publ 5 Publ 5 Publ 43 Model	Prot 0 Prot 0 Prot 0 Prot 28	Private 0 Private 0 Comment 4	Total Total Lines	del\Beg 1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD c s\Jared\OneD c sva : Model BeginShape Shape Publ 1 Publ 5 eLOC 43 Model	Prot 0 Prot 0 Prot 0 1LOC 28	Private 0 Private 0 Private 0 Comment 4 Comment 4	Total Total Lines	del\Beg 1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD c s\Jared\OneD c sva : Model BeginShape Shape Publ 1 Publ 5 eLOC 43 Model	Prot 0 Prot 0 Prot 0 1LOC 28	Private 0 Private 0 Comment 4	Total Total Lines	1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 Package End: M	C:\Users\Jared\OneD ciava : Model BeginShape Shape Publ 1 Publ 5 eLOC 43 Model	Prot 0 Prot 0 Prot 0 Prot 28	Private 0 Private 0 Private 0 Comment 4 Comment 4	Total Total Lines	1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD cjava : Model BeginShape Publ 1 Publ 5 eLOC 43 Model	Prot 0 Prot 0 Prot 0 Prot 0 Prot 31 Prot 31 Prot 31 Prot 31	Private 0 Private 0 Private 0 Comment 4 Comment 4	Total Total Lines	1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 G Package End: M	C:\Users\Jared\OneD ciava S\Jared\OneD ciava S\Jared\OneD ciava SeginShape Shape Publ 1 Publ 5 ELOC 43 Model Count:	Prot 0 Prot 0 Prot 0 Prot 0 Prot 31 Prot 31 Prot 31 Prot 31	Private 0 Private 0 Private 0 Comment 4 Comment 4	Total Total Lines Lines	del\Beg 1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 Package End: M LOC 55 File Function Total Function Total Function Total Function Total Function	C:\Users\Jar del\Arrow.ja del\A	Prot 0 Prot 0 Prot 0 Prot 0 Prot 31 Pr	Private 0 Private 0 Private 0 Comment 4 Comment 4 Conal Summary ~~ Total Function Pt Total Function Pt Total Function Pt Total Function Pt	Total Total Lines Lines cs LOC: cs eLOC: cs 1LOC:	del\Beg 1 5 63
File: C:\Users inShape. Package Begin: Class: Model.E Inheritance: S Attributes F Methods F LOC 52 Package End: M LOC 55 File Function Total Function Total Function	C:\Users\Jar del\Arrow.ja del\A	Prot 0 Prot 0 Prot 0 Prot 0 Prot 31 LOC 31 File Function 5 47 39 27 8	Private 0 Private 0 Private 0 Comment 4 Comment 4 Conal Summary ~~ Total Function Pt	Total Total Lines Lines S LOC: S eLOC: S 1LOC:	del\Beg 1 5 63 1.0 0.9

```
Max Function LOC25Average Function LOC...Max Function eLOC21Average Function eLOC...Max Function 1LOC13Average Function 1LOC...
                                                                            9.40
                                                                            7.80
                                                                            5.40
End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Mo
              del\BeginShape.java
File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Con
   ditionShape.java
Package Begin: Model
Class: Model.ConditionShape
                       Prot 0
Prot
Inheritance: Shape
              Publ 1
Attributes
                                            Private 1
                                                                Total
Methods
              Publ 7
                                             Private 0
                                                                Total
LOC 48
              eLOC 39
                            1LOC 23
                                             Comment 4
                                                                Lines
                                                                              59
Package End: Model
______
                          ~~ Total File Summary ~~
LOC 52 eLOC 43 1LOC 27 Comment 4 Lines
                                                                              66
                        ~~ File Functional Summary ~~
File Function Count...: 5
Total Function LOC....: 37 Total Function Pts LOC:
Total Function eLOC...: 30 Total Function Pts eLOC:
Total Function lLOC...: 18 Total Function Pts lLOC:
7 Total Function Return .:
                                                                             1.0
                                                                             0.8
                                                                             0.5
                                7 Total Function Return .:
10 Total Function Complex.:
                                                                             4
Total Cyclo Complexity:
                                                                             21
       -----
                              ----
Max Function LOC25Average Function LOC...Max Function eLOC21Average Function eLOC...Max Function lLOC13Average Function lLOC...
                                                                            7.40
                                                                            6.00
                                                                            3.60
End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Mo
      del\ConditionShape.java
File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\End
      <u>Shape.java</u>
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
                             1LOC 28
LOC 52
              eLOC 43
                                             Comment 4
                                                                Lines
                                                                              64
Package End: Model
```

~~ Total File Summary ∼~

LOC 55	eLOC 46	1LOC 31	Comment 4	Lines	72
	~~	File Functi	onal Summary ~~		
File Forest	tion Count:	_			
		5	Total Function	D++ 10C .	1.0
	ction LOC:		Total Function		1.0
	ction eLOC:		Total Function		0.9
	ction 1LOC:		Total Function		0.6
	ction Params .:		Total Function		5
-	lo Complexity :		Total Function		21
Max Funct:	ion LOC:	25	Average Function	on LOC:	9.40
Max Funct:	ion eLOC:	21	Average Function	on eLOC .:	7.80
Max Funct:	ion lLOC:		Average Function		5.40
	le: C:\Users\Jaro		\Documents\GitHu	ıb\FinalProje	ect308\Mo
	del\EndShape	<u>. Java</u>			
	<u>Users\Jared\OneD</u> utputShape.java	rive\Docume	nts\GitHub\Final	<u> Project308\M</u>	<u>lodel\Inp</u>
<u>utot</u>	<u>ucpucsnape. java</u>				
Package Be	eg <u>in</u> : Model				
Class: Mor	del.InputOutputS	hane			
Inheritan		паре			
	•	Prot 0	Private 12	Total	12
Methods	Publ 6	Prot 0	Private 0		
	eLOC 58	1LOC 45	Comment 2	Lines	85
Package Er	nd: Model				
	~:	~ Total Fil	e Summary ~~		
LOC 72	eLOC 63	1LOC 50	Comment 2	Lines	93
		rila Funati	anal Cummanu		
	~~	riie runcti	onal Summary ~~		
	tion Count:	6			
	ction LOC:		Total Function		1.4
	ction eLOC:		Total Function		1.2
	ction lLOC:		Total Function		0.9
	ction Params .:		Total Function		7
-	lo Complexity :	8	Total Function	Complex.:	26
	ion LOC:				0 50
	ion eLOC:		Average Function Average Function		9.50 8.17
	ion lLOC:		Average Function		6.50
max runct.	TOIL TEOC	13	Average Function	JI ILUC	0.30
End of Fi	le: <u>C:\Users\Jar</u>	ed\OneDrive	\Documents\GitHu	ıb\FinalProje	ct308\Mo

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

del\InputOutputShape.java

<u>Package Begi</u>	<u>n</u> : Model								
	.InstructionS	hape							
Inheritance: Attributes	•	Prot 0	Private 2	Total	2				
Methods		Prot 0	Private 2	Total	5				
LOC 48	eLOC 39	1LOC 24		Lines	63				
Package End:	Model								
	~	∼ Total Fil	e Summary ~~						
LOC 51	eLOC 42	1LOC 27	Comment 13	Lines	72				
	~~	File Functi	onal Summary ~~						
File Functio	on Count:	5							
	on LOC:	_	Total Function Pt		1.0				
	on eLOC:	35 22			0.8 0.5				
	on Params .:	8			5				
-	Complexity:		Total Function Co	mplex.:	24				
			A F		0.60				
	LOC:	25 21	Average Function Average Function		8.60 7.00				
	1LOC:	13	Average Function		4.40				
End of File:	C:\llsers\lar	ed\OneDrive	\Documents\GitHub\	FinalProject	1308\Mo				
<pre>del\InstructionShape.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\MethodShape.java</pre>									
	ers\Jared\OneD			<u>oject308\Mod</u>	del\Met				
	ers\Jared\OneD pe.java			oject308\Mod	del\Met				
Package Begi	ers\Jared\OneD upe.java .n: ModelMethodShape			<u>oject308\Mod</u>	del\Met				
Package Begi	ers\Jared\OneD pe.java n: Model MethodShape Shape	rive\Docume	nts\GitHub\FinalPr						
Package Begi Class: Model Inheritance: Attributes Methods	n: Model MethodShape Shape Publ 0 Publ 5	rive\Docume Prot 0 Prot 0	nts\GitHub\FinalPro	Total Total	2 5				
Package Begi Class: Model Inheritance: Attributes Methods	ers\Jared\OneD pe.java n: Model MethodShape Shape Publ 0	rive\Docume Prot 0 Prot 0	nts\GitHub\FinalPro	Total	2				
Package Begi Class: Model Inheritance: Attributes Methods	n: Model MethodShape Shape Publ 0 Publ 5 eLOC 42	rive\Docume Prot 0 Prot 0	nts\GitHub\FinalPro	Total Total	2 5				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51	n: Model MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 1LOC 26	nts\GitHub\FinalPro	Total Total Lines	2 5 59				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51	n: ModelMethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 1LOC 26	Private 2 Private 0 Comment 4	Total Total Lines	2 5 59				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51 Package End:	ers\Jared\OneD pe.java n: Model .MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 1LOC 26	Private 2 Private 0 Comment 4	Total Total Lines	2 5 59				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51 Package End:	ers\Jared\OneD pe.java n: Model .MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 Prot 0 1LOC 26	Private 2 Private 0 Comment 4	Total Total Lines	2 5 59				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51 Package End:	ers\Jared\OneD pe.java n: Model .MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 Prot 0 1LOC 26	Private 2 Private 0 Comment 4	Total Total Lines	2 5 59				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51 Package End: LOC 54 File Function Total Function	n: Model MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 Prot 0 1LOC 26 Total Fil 1LOC 29 File Functi	Private 2 Private 0 Comment 4 Comment 4 Onal Summary ~~	Total Total Lines Lines	2 5 59 				
Package Begi Class: Model Inheritance: Attributes Methods LOC 51 Package End: LOC 54 File Function Total Function Total Function	n: Model MethodShape Shape Publ 0 Publ 5 eLOC 42 Model eLOC 45en Count:	Prot 0 Prot 0 Prot 0 1LOC 26 Total Fil 1LOC 29 File Functi 5 45 37	Private 2 Private 0 Comment 4 Comment 4 Onal Summary ~~ Total Function Pt Total Function Pt	Total Total Lines Lines s LOC:	2 5 59 66 				
Package Beging Class: Model Inheritance: Attributes Methods LOC 51 Package End: Class E	n: Model MethodShape Shape Publ 0 Publ 5 eLOC 42 Model	Prot 0 Prot 0 Prot 0 1LOC 26 Total Fil 1LOC 29 File Functi 5 45 37 24	Private 2 Private 0 Comment 4 Comment 4 Onal Summary ~~ Total Function Pt Total Function Pt	Total Total Lines Lines S LOC: S eLOC: S 1LOC:	2 5 59 				

			Average Function	LOC:	9.00
	eLOC:	21	Average Function	eLOC .:	7.40
Max Function	1LOC:	13	Average Function	1LOC .:	4.80
End of File:	C:\Users\Jare		e\Documents\GitHub\	\FinalProject	1308\Mo
	ers\Jared\OneDr y.java	<u>rive\Docum</u>	ents\GitHub\FinalPr	<u>roject308\Mod</u>	del\Rep
<u>Package Begi</u>	<u>n</u> : Model				
Class: Model					
Inheritance: Attributes		Dnot 0	Private 5	Total	_
	Publ 14				5 15
LOC 119	eLOC 98	1LOC 62		Lines	140
Package End:	Model				
	~~	√ Total Fi	le Summary ~~		
LOC 123	eLOC 102	1LOC 66	Comment 7	Lines	147
	~~ F	ile Funct	ional Summary ~~		
File Functio	n Count:	15			
	on LOC:	112	Total Function Pt	ts LOC :	2.3
Total Functi		92	Total Function Pt	ts eLOC:	1.9
Total Functi		_	Total Function Pt		1.2
Total Functi		13			16
lotal Cyclo	Complexity:	32	Total Function Co	=	61
			Average Function		
			Average Function		
Max Function	1LOC:	14	Average Function	1LOC .:	3.80
End of File:	<pre>C:\Users\Jare del\Repositor</pre>		e\Documents\GitHub\	\FinalProject	1308\Mo
	ucz (ne poszco.	<u> </u>			
File: <u>C:\Use</u>	ers\Jared\OneDr	rive\Docum	ents\GitHub\FinalPr	<u>oject308\Moc</u>	del\Sha
<u>pe.jav</u>	<u>'a</u> 				
<u>Package Begi</u>	<u>n</u> : Model				
Class: Model	.Shape				
	-	Prot 2	Private 5	Total	7
			Private 0		
LOC 67	eLOC 49	1LOC 29	Comment 15	Lines	100
Package End:	Model				

Total Function eLOC: 41 Total Function Pts eLOC: 1.6 Total Function 1LOC: 23 Total Function Pts 1LOC: 0.6 Total Function Params: 9 Total Function Return: 18 Total Cyclo Complexity: 20 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 eLOC: 5 Average Function eLOC.: 2.56 Max Function 1LOC: 5 Average Function eLOC.: 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 File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.java	LOC 70	eLOC 52	1LOC 32	Comment 15	Lines	110
Total Function LOC: 58 Total Function Pts LOC: 1.3 Total Function eloC: 41 Total Function Pts LOC: 1.6 Total Function LOC: 23 Total Function Pts LOC: 1.6 Total Function Return : 18 Total Cyclo Complexity: 29 Total Function Complex: 47 Max Function LOC: 10 Average Function LOC: 3.63 Max Function LOC: 5 Average Function LOC: 2.56 Max Function LOC: 5 Average Function LOC: 1.44 End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeIptpe.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeIptpe.java Package End: Model Package End: Model File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.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 66 Package End: Model		~~	File Funct:	ional Summary ~~		
Total Function eLOC: 41 Total Function Pts eLOC: 1.6 Total Function DLOC: 23 Total Function Pts LLOC: 9.6 Total Function Params.: 9 Total Function Return.: 18 Total Cyclo Complexity: 20 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 eLOC: 5 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\Shape.peType.java Package Begin: Model Package End: Model File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.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 1LOC 26 Comment 4 Lines 68 Package End: Model Class: Model Model	File Functi	on Count:	16			
Total Function Pto 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 ILOC: 5 Average Function ELOC :: 2.56 Max Function LOC: 5 Average Function ILOC :: 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 File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.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 Max Function ILOC 3 ILOC 26 Comment 4 Lines 66 Package End: Model	Total Funct	ion LOC:	_	Total Function Pt	s LOC :	1.3
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 eLOC: 5 Average Function eLOC .: 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						1.0
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 1LOC: 5 Average Function ELOC .: 1.44 End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Shape.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeIype.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeIype.java Package Begin: Model Package End: Model File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShapeIype.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.java Fil						0.6
Max Function LOC: 10 Average Function LOC: 3.63 Max Function eLOC: 7 Average Function eLOC: 2.56 Max Function 1LOC: 7 Average Function eLOC .: 2.56 Max Function 1LOC: 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 File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java Package Begin: Model						18 47
Max Function eLOC: 7 Average Function eLOC .: 2.56 Max Function 1LOC: 5 Average Function 1LOC .: 1.44 End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\Shape.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeIype.java Package Begin: Model						2 62
Max Function 1LOC: 5 Average Function 1LOC .: 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						
File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java Package Begin: Model						1.44
File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java Package Begin: Model	End of File			e\Documents\GitHub\	<u>FinalProject</u>	308\Mo
Package Begin: Model Package End: Model Total File Summary LOC 4						
Package Begin: Model Package End: Model Total File Summary LOC 4						
Package End: Model Total File Summary ~~ LOC 4 eLOC 3 lLOC 1 Comment 0 Lines 5 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 68 Package End: Model Total File Summary ~~ LOC 55 eLOC 46 lLOC 29 Comment 4 Lines 65 File Functional Summary ~~			rive\Docume	ents\GitHub\FinalPr	<u>oject308\Mod</u>	<u>lel\Sha</u>
Package End: Model Total File Summary ~~ LOC 4 eLOC 3 lLOC 1 Comment 0 Lines 5 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 68 Package End: Model Total File Summary ~~ LOC 55 eLOC 46 lLOC 29 Comment 4 Lines 65 File Functional Summary ~~						
Total File Summary LOC 4	Package Beg	<u>in</u> : Model				
End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.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 File Functional Summary	<u>Package End</u>	: Model				
End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\ShapeType.java File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Model\VariableShape.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 File Functional Summary						
LOC 4 eLOC 3 1LOC 1 Comment 0 Lines 5 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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary						
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 File Functional Summary		~-	~ Total Fi.	Le Summary ~~		
### Total File Summary *** del\ShapeType.java	LOC 4	eLOC 3	1LOC 1	Comment 0	Lines	5
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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65	End of File			e\Documents\GitHub\	<u>FinalProject</u>	308\Mo
iableShape.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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary		<u>uer (Snaperyp</u>	e. java			
iableShape.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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary						
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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary			rive\Docume	ents\GitHub\FinalPr	oj <u>ect308\Mod</u>	<u>lel\Var</u>
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 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary						
Inheritance: Shape Attributes Publ 0 Prot 0 Private 2 Total 2 Methods Publ 5 Prot 0 Private 0 Total 5 LOC 52 eLOC 43 1LOC 26 Comment 4 Lines 60 Package End: Model	Package Beg	g <u>in</u> : Model				
Inheritance: Shape Attributes Publ 0 Prot 0 Private 2 Total 2 Methods Publ 5 Prot 0 Private 0 Total 5 LOC 52 eLOC 43 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary	Class: Mode	el.VariableShap	e			
Attributes Publ 0 Prot 0 Private 2 Total 2 Methods Publ 5 Prot 0 Private 0 Total 5 LOC 52 eLOC 43 1LOC 26 Comment 4 Lines 60 Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary	Inheritance	: Shape				
Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary	Attributes	Publ 0	Prot 0	Private 2	Total	2
Package End: Model Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary	Methods	Publ 5	Prot 0	Private 0	Total	5
Total File Summary LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65 File Functional Summary	LOC 52	eLOC 43	1LOC 26	Comment 4	Lines	60
LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65	Package End	: Model				
LOC 55 eLOC 46 1LOC 29 Comment 4 Lines 65						
~~ File Functional Summary ~~		~	~ Total Fi	le Summary ~~		
·	LOC 55	eLOC 46	1LOC 29	Comment 4	Lines	65
·						
File Function Count: 5		~~	File Funct:	ional Summary ~~		
	File Functi	on Count:	5			

Total Function LOC: Total Function eLOC: Total Function 1LOC: Total Function Params .: Total Cyclo Complexity:	37 24 8 11	Total Function Pts Total Function Pts Total Function Pts Total Function Res Total Function Cor	s eLOC: s lLOC: turn .: nplex.:	1.0 0.9 0.5 5 24
Max Function LOC:	25			
		Average Function		
Max Function 1LOC:	13	Average Function	1100 .:	4.80
End of File: C:\Users\Jar	ed\OneDrive	\Documents\GitHub\I	FinalProject	t308\Mo
del\Variable	<u>Shape.java</u>			
File: C:\Users\Jared\OneD	rive\Docume	ents\GitHub\FinalPro	oject308\Vie	ew\Blac
kboard.java				
<u>Package Begin</u> : 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	1LOC 9	Comment 1	Lines	43
Package End: View				
~-	∼ Total Fil	e Summary ~~		
LOC 44 eLOC 34	11.0C 17	Comment 1	lines	54
~~	File Functi	onal Summary ~~		
File Function Count:	7			
Total Function LOC:	7 31	Total Function Pt	s 10C ·	0.8
Total Function eLOC:	22			0.6
Total Function 1LOC:	8			0.3
Total Function Params .:	3	Total Function Re		7
Total Cyclo Complexity :	12	Total Function Cor	•	22
Max Function LOC:		A		4 42
Max Function LOC:		Average Function Average Function		4.43 3.14
Max Function 1LOC:	4	_		1.14
		-		
End of File: <a href="mailto:C:\Users\Jar<-caper</td><td></td><td><u> \Documents\GitHub\l</u></td><td><u>FinalProject</u></td><td>t308\Vi</td></tr><tr><td>ew\Blackboar</td><td>u. <u>Java</u></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>File: C:\Users\Jared\OneD Menu.java	rive\Docume	ents\GitHub\FinalPro	<u>0Ject308\V16</u>	ew/+11e
<u>rienu. Java</u>				
<u>Package Begin</u> : View				
<pre>Class: View.fileMenu</pre>				
Inheritance: JMenu				
Attributes Publ 0	Prot 0	Private 3	Total	3
Methods Publ 2	Prot 0	Private 0	Total	2
LOC 29 eLOC 25	1LOC 18	Comment 0	Lines	35

Package End:	View				
	~^	· Total Fil	e Summary ~~		
LOC 33	eLOC 29	1LOC 22	Comment 0	Lines	43
	~~ F	ile Functi	onal Summary ~~		
File Functio		2			
Total Function			Total Function F		0.6
Total Function		_	Total Function F Total Function F		0.5 0.4
Total Functi			Total Function F		2
Total Cyclo	Complexity :	5	Total Function (=	9
Max Function		12	Average Function	1 LOC:	11.50
Max Function			Average Function		10.00
Max Function	1LOC:	10	Average Function	1 1LOC .:	7.50
End of File:	<pre>C:\Users\Jare ew\fileMenu.;</pre>		\Documents\GitHub	\FinalProject	308\Vi
	ew(TITEMENU.)	<u>java</u>			
File: <u>C:\Use</u>	rs\Jared\OneDr	rive\Docume	nts\GitHub\FinalF	Project308\Vie	w\Fina
	<u>ct.java</u>				
<u>Package Begi</u>	<u>n</u> : View				
<pre>Class: View.</pre>	FinalProject				
Inheritance:				_	
	Publ 2			Total	2
	Publ 2 eLOC 21			Total Lines	2 29
		1100 10	Commerce	Lines	23
<u>Package End</u> :	View				
	~^	· Total Fil	e Summary ~~		
	eLOC 26		Comment 0	Lines	
	~~ F	ile Functi	onal Summary ~~		
			-		
File Function Total Function		2 20	Total Function F	0+c 10C ·	0.5
Total Function		18			0.5
Total Functi		_	Total Function F		0.4
Total Functi			Total Function F		2
Total Cyclo		2	Total Function (-	5
 Max Function		1/	Average Function		10.00
Max Function			Average Function		9.00
Max Function		12			

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\Vi ew\FinalProject.java

ile: <u>C:\Use</u>	rs\Jared\One	Drive\Document	ts\GitHub\FinalP	<u>roject308\Vie</u>	<u>√\Men</u>
ackage Begi	n: View				
lass: View.					
inheritance: attributes		Prot 0	Private 3	Total	
lethods	Publ 1	Prot 0	Private 0	Total	
OC 13	eLOC 11	1LOC 9	Comment 0	Lines	1
ackage End:	View				
		~~ Total File	Summary ~~		
			Comment 0		
	~~	File Function	nal Summary ~~		

lotal Function LOC:	8	lotal function Pts LOC:	0.3
Total Function eLOC:	7	Total Function Pts eLOC:	0.2
Total Function 1LOC:	6	Total Function Pts 1LOC:	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 1LOC:	6	Average Function 1LOC .:	6.00

File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\View\shap eMenu.java

Dagkaga Bagis	n. Viou				
Package Begi					
Class: View.	•				
Inheritance:		Durat O	Dudanta 7	T-4-1	_
	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 52	eLOC 48	1LOC 37	Comment 0	Lines	62
Package End:	View				
	~~	Total File Su	mmary ~~		
LOC 57	eLOC 53	1LOC 42	Comment 0	Lines	72

~~ File Functional Summary ~~

File Function Count...:

Total Functi Total Functi Total Functi Total Cyclo	on LOC: on eLOC: on lLOC: on Params .: Complexity :	39 30 2 9	Total Function Pt Total Function Pt Total Function Pt Total Function Re Total Function Co	s eLOC: s lLOC: turn .: mplex.:	1.1 1.0 0.8 2 13				
Max Function		23	Average Function Average Function Average Function	eLOC .:	19.50				
	<pre>C:\Users\Jar ew\shapeMenu</pre>		\Documents\GitHub\	<u>FinalProjec</u>	t308\Vi				
	ers\Jared\OneD		nts\GitHub\FinalPro	oject308\Vi	<u>ew\Stat</u>				
<u>Package Begi</u>	<u>.n</u> : View								
<pre>Class: View.</pre>									
Inheritance:		Durat O	Dudanta 2	T-4-1	•				
			Private 2 Private 1		2 3				
			Comment 0		_				
Package End:		1100 0	Commerce	Lines	20				
	~	∼ Total Fil	e Summary ~~						
LOC 21 eLOC 16 lLOC 11 Comment 0 Lines 26									
LOC 21	eLOC 16	1LOC 11	Comment 0	Lines	26				
LOC 21			Comment 0	Lines	26 				
	~~	File Functi		Lines	26 				
File Functio	~~ on Count:	File Functi 3	onal Summary ~~						
File Functio	~~ on Count: on LOC:	File Functi 3 14	onal Summary ~~ Total Function Pt	s LOC :	0.4				
File Function Total Function Total Functi	~~ on Count:	File Functi 3 14 10	onal Summary ~~	s LOC : s eLOC:					
File Function Total Function Total Function Total Function Total Function F	~~ on Count: on LOC: on eLOC:	File Functi 3 14 10 6	onal Summary ~~ Total Function Ptotal Function Ptotal Function	s LOC : s eLOC: s 1LOC:	0.4 0.3				
File Function Total Function Total Function Total Function Total Function Total Cyclo	on Count: on LOC: on eLOC: on 1LOC: con Params .: Complexity :	File Functi 3 14 10 6 1	onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Re: Total Function Co	s LOC : s eLOC: s 1LOC: turn .: mplex.:	0.4 0.3 0.2				
File Function Total Function Total Function Total Function Total Function Total Cyclo	on Count: on LOC: on eLOC: on 1LOC: on Params .: Complexity :	File Functi 3 14 10 6 1 4	onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Re: Total Function Co	s LOC : s eLOC: s lLOC: turn .: mplex.:	0.4 0.3 0.2 3 8				
File Function Total Function Total Function Total Function Total Cyclo Max Function	on Count: on LOC: on eLOC: on 1LOC: con Params : Complexity :	File Functi 3 14 10 6 1 4	onal Summary ~~ Total Function Pt Total Function Pt Total Function Re Total Function Con	s LOC : s eLOC: s 1LOC: turn .: mplex.:	0.4 0.3 0.2 3 8				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function	on Count: on LOC: on eLOC: on 1LOC: on Params .: Complexity :	File Functi 3 14 10 6 1 4 6 4	onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Re: Total Function Co	s LOC : s eLOC: s 1LOC: turn .: mplex.: LOC: eLOC .:	0.4 0.3 0.2 3 8				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function	on Count: on LOC: on eLOC: on Params .: Complexity : LOC: eLOC:	File Functi 3 14 10 6 1 4 6 4 3	onal Summary ~~ Total Function Pt Total Function Pt Total Function Re Total Function Cor Average Function Average Function	s LOC : s eLOC: s 1LOC: turn .: mplex.: - LOC: eLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function	on Count: on LOC: on eLOC: on Params : Complexity : LOC:	File Functi 3 14 10 6 1 4 6 4 3	Total Function Pt: Total Function Pt: Total Function Pt: Total Function Re: Total Function Con	s LOC : s eLOC: s 1LOC: turn .: mplex.: - LOC: eLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function	on Count: on LOC: on eLOC: on Params .: Complexity : LOC: eLOC: cloc: cloc:	File Functi 3 14 10 6 1 4 6 4 3 ed\OneDrive	Total Function Pt: Total Function Pt: Total Function Pt: Total Function Re: Total Function Con	s LOC : s eLOC: s lLOC: turn .: mplex.: LOC .: eLOC .: lLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function	on Count: on LOC: on eLOC: on Params : Complexity : LOC: eLOC: c:\Users\Jar ew\StatusBar	File Functi 3 14 10 6 1 4 6 4 3 ed\OneDrive	onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Re: Total Function Con Average Function Average Function Average Function Average Function	s LOC : s eLOC: s lLOC: turn .: mplex.: LOC .: eLOC .: lLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function End of File:	on Count: on LOC: on eLOC: on Params .: Complexity : LOC: eLOC: c:\Users\Jar ew\StatusBar	File Functi 3 14 10 6 1 4 6 4 3 ed\OneDrive	onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Re: Total Function Con Average Function Average Function Average Function Average Function	s LOC : s eLOC: s lLOC: turn .: mplex.:LOC .: eLOC .: lLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Total Cyclo Max Function Max Function Max Function End of File:	on Count: on LOC: on eLOC: on Params .: Complexity : LOC: eLOC: c:\Users\Jar ew\StatusBar	File Functi 3 14 10 6 1 4 6 4 3 ed\OneDrive .java	Total Function Pt: Total Function Pt: Total Function Pt: Total Function Re: Total Function Con Average Function Average Function Average Function Average Function For 18 Files ~~	s LOC : s eLOC: s lLOC: turn .: mplex.:LOC .: eLOC .: lLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				
File Function Total Function Total Function Total Function Max Function Max Function Max Function End of File:	on Count: on LOC: on eLOC: on Params .: Complexity : LOC: eLOC: c:\Users\Jar ew\StatusBar	File Functi 3 14 10 6 1 4 6 4 3 ed\OneDrive .java Total Proj 1LOC 520	Total Function Pt: Total Function Pt: Total Function Pt: Total Function Re: Total Function Con	s LOC : s eLOC: s lLOC: turn .: mplex.:LOC .: eLOC .: lLOC .:	0.4 0.3 0.2 3 8 4.67 3.33 2.00				

~~ Project Class/Struct Metrics ~~

Class. Contr	allan Cantnalu	andlan			
Attributes	oller.ControlH Publ 0	Prot 0	Private 7	Total 7	
Methods	Publ 10	Prot 0	Private 1	Total 11	
LOC 96	eLOC 75	1LOC 36	Comment 5	Lines 117	
200 30	CLOC 75	1100 30	Comment 5	LINCS 117	
<pre>Class: Model</pre>	.Arrow				
Attributes	Publ 0	Prot 0	Private 4	Total 4	
Methods	Publ 2	Prot 0	Private 0	Total 2	
LOC 30	eLOC 27	1LOC 24	Comment 0	Lines 36	
Class. Madal	PoginShana				
<pre>Class: Model Inheritance:</pre>					
Attributes	Publ 1	Prot 0	Private 0	Total 1	
Methods	Publ 5	Prot 0	Private 0	Total 5	
LOC 52	eLOC 43	1LOC 28	Comment 4	Lines 63	
200 32	CLOC 45	1100 10	Comment 4	Lines	
<pre>Class: Model</pre>	.ConditionShap	е			
Inheritance:					
Attributes	Publ 1	Prot 0	Private 1	Total 2	
Methods	Publ 7	Prot 0	Private 0	Total 7	
LOC 48	eLOC 39	1LOC 23	Comment 4	Lines 59	
Class: Model					
Inheritance:		D	Dudanta d	T-4-1 4	
Attributes	Publ 0	Prot 0	Private 1	Total 1	
Methods	Publ 5	Prot 0	Private 0	Total 5	
LOC 52	eLOC 43	1LOC 28	Comment 4	Lines 64	
Class: Model	.InputOutputSh	ape			
Inheritance:					
Attributes	Publ 0	Prot 0	Private 12	Total 12	
Methods	Publ 6	Prot 0	Private 0	Total 6	
LOC 67	eLOC 58	1LOC 45	Comment 2	Lines 85	
	.InstructionSh	ape			
Inheritance:	•	D	Dudanta 2	T-4-1 3	
Attributes	Publ 0	Prot 0	Private 2	Total 2	
Methods LOC 48	Publ 5 eLOC 39	Prot 0 1LOC 24	Private 0 Comment 13	Total 5 Lines 63	
LUC 46	eloc 39	1100 24	Comment 13	rille? 63	
<pre>Class: Model</pre>	.MethodShape				
Inheritance:					
Attributes	Publ 0	Prot 0	Private 2	Total 2	
Methods	Publ 5	Prot 0	Private 0	Total 5	
LOC 51	eLOC 42	1LOC 26	Comment 4	Lines 59	
Class. Madal	Donositony				
<pre>Class: Model Inheritance:</pre>	•				
Attributes	Publ 0	Prot 0	Private 5	Total 5	
Methods	Publ 14	Prot 0	Private 5	Total 15	
LOC 119	eLOC 98	1LOC 62	Comment 7	Lines 140	
100 113	eloc 38	1100 02	Comment /	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	1LOC 29	Comment 15	Lines 100	1
	.VariableShape				
Inheritance:	•				
Attributes	Publ 0	Prot 0	Private 2	Total 2	

Methods	Publ 5	Prot 0	Private 0	Total	5
LOC 52	eLOC 43	1LOC 26	Comment 4	Lines	60
<u>Class</u> : View. Inheritance:					
Attributes	Publ 0	Prot 0	Private 1	Total	1
Methods	Publ 6	Prot 0	Private 1	Total	7
LOC 36	eLOC 26	1LOC 9	Comment 1	Lines	43
Class: View.	fileMenu				
Inheritance:					
Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 29	eLOC 25	1LOC 18	Comment 0	Lines	35
Class: Viou	FinalProject				
Inheritance:	_				
Attributes	Publ 2	Prot 0	Private 0	Total	2
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 24	eLOC 21	1LOC 18	Comment 0	Lines	29
Class: View.					
Inheritance: Attributes	Publ 0	Prot 0	Private 3	Total	9
Methods	Publ 1	Prot 0	Private 0	Total	3 1
LOC 13	eLOC 11	1LOC 9	Comment 0	Lines	16
100 15	eloc 11	1100 3	Comment	LINES	10
<pre>Class: View.</pre>	shapeMenu				
Inheritance:					
Attributes	Publ 0	Prot 0	Private 7	Total	7
Methods	Publ 2	Prot 0	Private 0	Total	2
LOC 52	eLOC 48	1LOC 37	Comment 0	Lines	62
<pre>Class: View.</pre>	StatusBar				
Inheritance:					
Attributes	Publ 0	Prot 0	Private 2	Total	2
Methods	Publ 2	Prot 0	Private 1	Total	3
LOC 18	eLOC 13	1LOC 8	Comment 0	Lines	20
Total: All C	lasses/Structs				
Attributes	Publ 4	Prot 2	Private 57	Total	63
Methods	Publ 97	Prot 0	Private 4	Total	101
LOC 854	eLOC 700	1LOC 450	Comment 63	Lines	1051
	~~ Proj	ect Class/	Struct Analysis ~~		
Total Classe	-	17	Total Methods		101
Total Public		97	Total Public Attrib		4
Total Protec		0	Total Protected Att		2
Total Privat		4	Total Private Attri		57
Total Physic		1051	Total LOC		854
		700	Total 1LOC		450
Total Cyclom	-	178	Total Interface Con		203
Total Parame		103	Total Return Points		100
Total Commen		63	Total Blank Lines		157
Avg Physical	Lines:	61.82	Avg Methods		5.94
Avg Public M		5.71	Avg Public Attribut		0.24
Avg Protecte		0.00	Avg Protected Attri		0.12
Avg Private Methods:		0.24	Avg Private Attribu		3.35
Avg LOC		50.24	Avg eLOC		41.18
Avg 1LOC		26.47	Avg Cyclomatic Comp		10.47
Avg Interfac	e Comp:	11.94	Avg Parameters	· • • • • • •	6.06

```
Avg Return Points ....: 5.88 Avg Comment Lines ....:
                                                                                                    3.71
Max Physical Lines ...: 140 Max Methods ....:

Max Public Methods ...: 18 Max Public Attributes .:

Max Protected Methods ...: 0 Max Protected Attrib. .:

Max Private Methods ...: 1 Max Private Attributes :

Max LOC ....: 119 Max eLOC ....:

Max lLOC ....: 62 Max Cyclomatic Comp. ..:

Max Interface Comp. ...: 29 Max Parameters ....:

Max Return Points ...: 18 Max Comment Lines ....:
           -----
                                                      -----
                                         ----
                                                                                                       18
                                                                                                        2
                                                                                                       12
                                                                                                      98
Max Interface Comp. .... 18
                                                                                                       13
                                                                                                       15
                                                       -----
Min Physical Lines ...: 16 Min Methods ....:
Min Public Methods ...: 1 Min Public Attributes .:
Min Protected Methods ..: 0 Min Protected Attrib. .:
Min Private Methods ...: 0 Min Private Attributes :
Min LOC ....: 13 Min eLOC ....:
Min lLOC ....: 8 Min Cyclomatic Comp. ..:
Min Interface Comp. ..: 1 Min Parameters ....:
Min Return Points ...: 1 Min Comment Lines ...:
                                                                                                         1
                                                                                                     11
                                                                                                     1
                                ~~ 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
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 ~~

~~ Project Namespace/Package Metrics ~~							
	nckage: Control						
Total Classs	ses 1	Total Fun		Avg Func/Class			
Attributes	Publ 0	Prot 0	Private 7				
Methods	Publ 10	Prot 0	Private 1				
LOC 96	eLOC 75	1LOC 36	Comment 5	Lines	117		
Namespace/Pa	nckage: Model						
Total Class		Total Fun	ctions 73	Avg Func/Class	7.30		
Attributes	Publ 2	Prot 2	Private 3	4 Total	38		
Methods		Prot 0	Private 1	Total	73		
LOC 586	eLOC 481	1LOC 315	Comment 5	7 Lines	729		
	<u>ickage</u> : View						
Total Classs	ses 6	Total Fun		Avg Func/Class	2.83		
Attributes	Publ 2	Prot 0	Private 1		18		
Methods	Publ 15	Prot 0			17		
LOC 172	eLOC 144	1LOC 99	Comment 1	Lines	205		
Total: All M	lamespaces/Pack	ages					
			ctions 101	Avg Func/Class	5.94		
	Publ 4			7 Total			
	Publ 97		Private 4				
	eLOC 700		Comment 6				
LUC 654	eloc 700	1100 450	Comment	5 Lilles	1631		
	~~ Project	Namespace	/Package Analy	sis ~~			
	_	. Hamespace	, ruenage /maly	313			
Total Namesp	oace/Package:	3					
Total Classes/Structs .:		17	Total Methods		101		
Total Public Methods:		97			4		
Total Protected Methods:		0	Total Protected Attrib.:		2		
Total Private Methods .:		4	Total Private		57		
Total Physical Lines:		1051	Total LOC	• • • • • • • • • • • • • • • • • • • •	854		
Total eLOC:		700	Total 1LOC	:	450		
Total Cyclomatic Comp. :		178	Total Interfa	ce Comp:	203		
Total Parameters:		103	Total Return		100		
Total Comment Lines:		63	Total Blank L		157		
Avg Classes	Structs:	5.67	Avg Methods .	:	33.67		
Avg Public N	Methods:	32.33	Avg Public At	tributes .:	1.33		
	ed Methods .:	0.00	Avg Protected		0.67		
•	Methods:	1.33	Avg Private A		19.00		
		284.67	Avg eLOC		233.33		
•		150.00	Avg Cyclomati		59.33		
•	e Comp:	67.67	Avg Parameter	•	34.33		
	Points:	33.33	Avg Comment L		21.00		
			•				
Max Classes	Struct:	10	Max Methods .	:	73		
Max Public N	Methods:	72	Max Public At		2		
Max Protecte	ed Methods .:	0	Max Protected	Attrib:	2		
Max Private	Methods:	2	Max Private A	ttributes :	34		
Max LOC		586	Max eLOC	:	481		
Max 1LOC	:	315	Max Cyclomati	c Comp:	121		
	e Comp:	157	Max Parameter		85		
	oints:	72	Max Comment L		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 1LOC:	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 *. <i>jav</i> *:	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