Report Banner - Edit rsm.cfg File

Resource Standard Metrics™ for C, C++, C# and Java Version 7.75 - <u>mSquaredTechnologies.com</u> **License Type:** Shareware Evaluation License **Licensed To**: Shareware End User - Distribute Freely License Date: Dec 05, 1998 License No. : SW1380 Run Date: May 12, 2023 Build Date : Sep 2 2009 ©1996-2009 M Squared Technologies LLC™ 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\src\main\ <u>java\Controller\ControlHandler.java</u> Package Begin: Controller Class: Controller.ControlHandler Attributes Publ 0 Prot 0 Private 6 Total 6
Methods Publ 10 Prot 0 Private 0 Total 10
LOC 105 eLOC 82 1LOC 37 Comment 9 Lines 125 <u>Package End</u>: Controller ~~ Total File Summary ~~ LOC 114 eLOC 91 lLOC 46 Comment 9 Lines 138

~~ File Functional Summary ~~

ж.	TTE FULLCT	Oliai Sullillai y	
File Function Count:	10		
Total Function LOC:	91	Total Function Pts LOC :	2.2
Total Function eLOC:	69	Total Function Pts eLOC:	1.7
Total Function lLOC:	33	Total Function Pts 1LOC:	0.9
Total Function Params .:	10	Total Function Return .:	10
Total Cyclo Complexity :	26	Total Function Complex.:	46
Max Function LOC:	49	Average Function LOC:	9.10
Max Function eLOC:	41	Average Function eLOC .:	6.90
Max Function 1LOC:	23	Average Function 1LOC .:	3.30

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\sr <u>c\main\java\Controller\ControlHandler.java</u>

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

Package Begin: Model Class: Model.Arrow

Prot 0 Private 6 Attributes Publ 0 Total

Methods LOC 51	Publ 8 eLOC 42	Prot 0 1LOC 33	Private 0 Comment 13	Total Lines	8 74
<u>Package Er</u>					
			e Summary ~~		
LOC 53			Comment 13		80
	~~	File Functi	onal Summary ~~		
	ion Count:	8			
	ction LOC:		Total Function Pt		1.0
	ction eLOC:	36 28	Total Function Pt Total Function Pt		0.8 0.7
	ction Params .:	11	Total Function Re	turn .:	8
Total Cycl	lo Complexity :	8	Total Function Co	mplex.:	27
	ion LOC:	 18	Average Function	LOC:	5.50
	ion eLOC:	17	Average Function		4.50
Max Functi	ion 1LOC:	16	Average Function	1L0C .:	3.50
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	c\main\java\	MOGET /ALLOW	<u>r. java</u>		
File: C:\U	Jsers\Jared\OneD	rive\Docume	ents\GitHub\FinalPr	oject308\sr	c\main\
<u>java</u>	a\Model\BeginSha	<u>pe.java</u>			
Package Be	<u>egin</u> : Model				
Class: Mod	del.BeginShape				
Inheritano					
Attributes			Private 0		1
			Private 0		
LOC 60	eLOC 49	1LUC 30	Comment 11	Lines	80
<u>Package En</u>	<u>nd</u> : Model				
	~-	~ Total Fil	e Summary ~~		
			Comment 11		
	~~	File Functi	onal Summary ~~		
File Funct	ion Count:	7			
Total Fund	ction LOC:	53	Total Function Pt	s LOC :	1.2
Total Fund	ction eLOC:	43	Total Function Pt	s eLOC:	1.0
Total Fund	ction Parame	29	Total Function Po	S ILUC:	0.6 7
Total Cycl	lo Complexity :	10	Total Function Pt Total Function Pt Total Function Re Total Function Co	mplex.:	25
					7
			Average Function Average Function		
			Average Function		
End of Fil	Le: C:\Users\Jar	ed\OneDrive	\Documents\GitHub\	FinalProiect	308\sr
•	c\main\java\				

File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\src\main\

Max Function eLOC: Max Function 1LOC:

Package Begin: Model				
Class: Model.EndShape				
Inheritance: Shape				
Attributes Publ 0		Private 1		1
Methods Publ 7				7
LOC 60 eLOC 49	1LOC 30	Comment 11	Lines	80
Package End: Model				
~	~ Total Fil	e Summary ~~		
100.00	1,00,00	0		0.0
LOC 63 eLOC 52				
~~	File Functi	onal Summary ~~		
File Function Count:	7			
Total Function LOC:		Total Function Pts I		
Total Function eLOC:		Total Function Pts		1.0
Total Function 1LOC:		Total Function Pts		0.6
Total Function Params .:		Total Function Retur		7
Total Cyclo Complexity :	10	Total Function Compl		25
		Average Function LOC		7.57
Max Function LOC				
Max Function LOC: Max Function eLOC:	21	Average Function el ()C .:	0.14

<u>Package Begin</u>	<u>n</u> : Mod	del						
Nested Class	: Mode	el.Flowch	art.D:	iffResult				
Attributes	Pub1	0	Prot	Θ	Private	2	Total	2
Methods	Pub1	1	Prot	Θ	Private	Θ	Total	1
LOC 8	eL0C	6	1LOC	4	Comment	3	Lines	8
Nested Class	: Mode	el.Flowch	art.V	ertex <t></t>				
Attributes	Pub1	0	Prot	0	Private	1	Total	1
Methods	Pub1	3	Prot	Θ	Private	Θ	Total	3
LOC 15	eL0C	11	1LOC	4	Comment	Θ	Lines	16
Nested Class	: Mode	el.Flowch	art.E	dge <t></t>				
Attributes	Pub1	0	Prot	0	Private	2	Total	2
Methods	Pub1	2	Prot	Θ	Private	Θ	Total	2
LOC 15	eL0C	12	1LOC	5	Comment	Θ	Lines	15
<pre>Class: Model</pre>	. Flow	chart						
Attributes	Pub1	0	Prot	0	Private	2	Total	2
Methods	Pub1	3	Prot	0	Private	Θ	Total	3
LOC 110	eL0C	79	1LOC	27	Comment	31	Lines	159

Package End	: Model				
	~	~ Total Fil	e Summary ~~		
LOC 114	eLOC 83	1LOC 31	Comment 31	Lines	169
	~~	File Functi	onal Summary ~~		
	on Count:	9			
	ion LOC:		Total Function Pt		2.2
	ion eLOC:		Total Function Pt		1.6
	ion lLOC:	20 8	Total Function Pt Total Function Re		0.6 15
	Complexity:	29			52
					JZ
	n LOC:		Average Function		9.67
Max Functio	on eLOC:	19	Average Function	eLOC .:	6.78
Max Functio	on 1LOC:	6	Average Function	1LOC .:	2.22
					
End of File	c\users\Jar c\main\java\		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u>FinalProject</u>	:308\sr
	C\IIIaIII\Java\	MOUET /FIOWC	mar L. Java		
	sers\Jared\OneD .Model\InputOut		ents\GitHub\FinalPr uva	<u>oject308\src</u>	c\main\
	·				
<u>Package Beg</u>	<u>jin</u> : Model				
	l.InputOutputS	hape			
Inheritance	•				
Attributes		Prot 0	Private 13	Total	13
Methods LOC 78	PUD1 8	Prot 0 1LOC 50	Private 0 Comment 17	Total Lines	8 115
LUC 76	eluc or	1100 30	Comment 17	LIHES	113
Package End	: Model				
	~	~ Total Fil	e Summary ~~		
LOC 83	eLOC 72	1LOC 55	Comment 17	Lines	123
	~~	File Functi	onal Summary ~~		
	on Count:	8	Tatal Function Dt		4.0
	ion LOC:		Total Function Pt		1.6
	ion eLOC:	25 //2	Total Function Pt Total Function Pt	S ELUC:	1.4 1.0
	ion Params .:	43 11	Total Function Re	turn :	9
	Complexity:		Total Function Co		30
_					
	n LOC:		Average Function		8.13
	on eLOC:		Average Function		6.88
Max Functio	on 1LOC:	13	Average Function	1LOC .:	5.38
F. 4 . 5 F. 3		- d) On a D a i	\	educie di di	- COO'
Ena of File			<u>\Documents\GitHub\</u> OutputShape.iava	<u>r-inaiproject</u>	L3UB\ST

c\main\java\Model\InputOutputShape.java

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Ologo, Model					
		la a m a			
	l.InstructionS	nape			
Inheritance:					_
			Private 3		
			Private 0		7
LOC 57	eLOC 48	1LOC 29	Comment 15	Lines	77
<u>Package End</u> :	Model Model				
	~	~ Total Fil	e Summary ~~		
LOC 60	eL0C 51	1LOC 32	Comment 15	Lines	86
	~~	File Functi	onal Summary ~~		
File Function	on Count:	7			
Total Functi	ion LOC:	49	Total Function Pts	s LOC :	1.1
	ion eLOC:		Total Function Pts		1.0
	ion 1LOC:	26	Total Function Pts	s 110C:	0.6
	ion Params .:	20	Total Function Re	turn :	7
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		13	TOTAL FUNCTION CO		20
	1 LOC:		Average Function		7 00
	n eLOC:	21	Average Function	51 UC .	5.86
	1 1LOC:	13	Average Function	1100	3.71
Max Tullocio	1 1200	10	Average runction	1100	0.71
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	c\main\java\	Model\Instr	uctionShape.java		
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<u>java \n</u>	Model\MethodSh		ents\GitHub\FinalPro	<u>oject308\sr</u>	c\main\
	Model\MethodSh		ents\GitHub\FinalPro	<u>oject308\sr</u>	c\main\
Package Begi	Model\MethodSh		ents\GitHub\FinalPro	<u>oject308\sr</u>	c\main\
Package Begi	in: Model L.MethodShape Shape	<u>ape.java</u>			c\main\
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Package Begi Class: Model Inheritance: Attributes	in: Model L.MethodShape Shape Publ 0	ape.java Prot 0	Private 3	Total	3
Package Begi Class: Model Inheritance: Attributes Methods	in: Model L.MethodShape Shape Publ 0 Publ 7	ape.java Prot 0 Prot 0	Private 3 Private 0	Total Total	3 7
Package Begi Class: Model Inheritance: Attributes Methods	in: Model L.MethodShape Shape Publ 0 Publ 7	ape.java Prot 0 Prot 0	Private 3	Total Total	3 7
Package Begi Class: Model Inheritance: Attributes Methods	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50	ape.java Prot 0 Prot 0	Private 3 Private 0	Total Total	3 7
Package Begi Class: Model Inheritance: Attributes Methods LOC 58	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50	ape.java Prot 0 Prot 0	Private 3 Private 0	Total Total	3 7
Package Begi Class: Model Inheritance: Attributes Methods LOC 58	Model\MethodSh in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model	Prot 0 Prot 0 1LOC 30	Private 3 Private 0	Total Total	3 7
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model	Prot 0 Prot 0 1LOC 30 Total Fil	Private 3 Private 0 Comment 12	Total Total Lines	3 7 78
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model	Prot 0 Prot 0 1LOC 30 Total Fil	Private 3 Private 0 Comment 12	Total Total Lines	3 7 78
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model	Prot 0 Prot 0 1LOC 30 Total Fil	Private 3 Private 0 Comment 12	Total Total Lines	3 7 78
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61 File Function	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model ELOC 53 On Count:	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi	Private 3 Private 0 Comment 12 e Summary ~~ Comment 12	Total Total Lines	3 7 78
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61 File Function	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi	Private 3 Private 0 Comment 12	Total Total Lines	3 7 78
Package Beging Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61 File Function Total Function	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model ELOC 53 On Count:	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi	Private 3 Private 0 Comment 12 e Summary ~~ Comment 12	Total Total Lines Lines	3 7 78
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Package Begin Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61 File Function Total Function	Model\MethodSh Ln: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model Model	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi 7 49 42 27 8	Private 3 Private 0 Comment 12 e Summary ~~ Comment 12 onal Summary ~~ Total Function Pts Total Function Pts Total Function Pts	Total Total Lines Lines Lines S LOC: S eLOC: S 1LOC: Sturn .:	3 7 78 84 1.2 1.0 0.6
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Package Begin Class: Model Inheritance: Attributes Methods LOC 58 Package End: Class En	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model Model	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi 7 49 42 27 8 13	Private 3 Private 0 Comment 12 E Summary ~ Comment 12 Onal Summary ~ Total Function Pts Total Function Comment Total Function Comment Total Function Comment	Total Total Lines Lines Lines S LOC: S eLOC: S 1LOC: turn .: mplex.:	3 7 78 84 1.2 1.0 0.6 7
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Package Begin Class: Model Inheritance: Attributes Methods LOC 58 Package End: LOC 61 Total Function Total Function Total Function Total Function Total Function Max Functio	in: Model L.MethodShape Shape Publ 0 Publ 7 eLOC 50 Model Model	Prot 0 Prot 0 Prot 0 1LOC 30 Total Fil 1LOC 33 File Functi 7 49 42 27 8 13 23 21	Private 3 Private 0 Comment 12 E Summary ~~ Comment 12 Onal Summary ~~ Total Function Pts Total Function Pts Total Function Pts Total Function Pts Total Function Comment Total Function Comment Total Function Comment	Total Total Lines Lines S LOC: S eLOC: S 1LOC: turn .: mplex.:	3 7 78 84 1.2 1.0 0.6 7 28 7.00

<u>Package Begin</u>: Model

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\sr

c\main\java\Model\MethodShape.java

File:	<pre>C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\src\main\</pre>	\
	iava\Model\problemContainer.iava	

	odel\problemC		<u>IVa</u>	<u>0 ject306 \Si</u>	C \main \
<u>Package Begi</u>	<u>n</u> : Model				
Class: Model	.problemConta	iner			
Attributes	Publ 0	Prot 0	Private 0	Total	
Methods	Publ 1	Prot 0	Private 0 Comment 5	Total	1
LOC 103	eLOC 101	1LOC 95	Comment 5	Lines	115
Package End:	Model				
	~	~ Total Fil	e Summary ~~		
			Comment 5		
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File Functio		1	Takal Function St	- 100	
Total Functi		101	Total Function Pt	S LOC :	2.0
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Total Cyclo	Complexity:	1	Total Function Pt Total Function Pt Total Function Re Total Function Co	mplex.:	2
Max Function	LOC:		Average Function		
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	·	rive\Docume	.emContainer.java ents\GitHub\FinalPr	oject308\sı	c\main\
<u>Package Begi</u>	<u>n</u> : Model				
Class: Model					
Inheritance:					_
Attributes		Prot 0			
Methods LOC 140	eLOC 110	Prot 0 1LOC 66	Private 1 Comment 48	Total Lines	
<u>Package End</u> :	Model				
	~	~ Total Fil	e Summary ~~		
			Comment 48		
	~~	File Functi	onal Summary ~~		
File Functio Total Functi		18 122	Total Function Pt	s 100 ·	2.7
	on eloc :		Total Function Pt		2.7

103 Total Function Pts eLOC:

60 Total Function Pts 1LOC:

2.1

1.3

Total Function eLOC....:

Total Function 1LOC....:

Total Cyclo	on Params .: Complexity :	13 37		mplex.:	20 70
	LOC:	25			7.33
Max Function	eLOC:	23	Average Function	eLOC .:	5.72
Max Function	1LOC:	14	Average Function	lloc .:	3.33
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<u>java\M</u>	<u>lodel\Repositor</u>	<u>yInterface</u>	<u>. java</u>		
Package Begi	<u>n</u> : Model				
	odel.Repositor	yInterface			
Attributes		Prot 0	Private 0	Total	0
Methods LOC 15				Total Lines	13 14
100 15	eloc 14	1100 13	Comment	LIHES	14
<u>Package End</u> :	Model				
	~~	Total Fil	e Summary ~~		
LOC 18	eL0C 17	1LOC 16	Comment 0	Lines	22
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			<u>itoryInterface.java</u>		
			nts\GitHub\FinalPro	oject308\src	c\main\
<u>java\r</u>	<u>lode1\Shape.jav</u>	<u>'a</u>			
Package Begi	<u>n</u> : Model				
Package Begi Class: Model Attributes	Shape	Prot 2	Private 5	Total	7
Class: Model Attributes Methods	<mark>Shape</mark> Publ 0 Publ 21	Prot 0	Private 0	Total	21
Class: Model Attributes Methods	<mark>Shape</mark> Publ 0	Prot 0	Private 0	Total	21
Class: Model Attributes Methods	Shape Publ 0 Publ 21 eLOC 58	Prot 0	Private 0	Total	21
Class: Model Attributes Methods LOC 78	Shape Publ 0 Publ 21 eLOC 58	Prot 0	Private 0	Total	21
Class: Model Attributes Methods LOC 78	Shape Publ 0 Publ 21 eLOC 58 Model	Prot 0 1LOC 32	Private 0	Total	21
Class: Model Attributes Methods LOC 78 Package End:	Shape Publ 0 Publ 21 eLOC 58 Model	Prot 0 1LOC 32 Total Fil	Private 0 Comment 52	Total Lines	21 151
Class: Model Attributes Methods LOC 78 Package End:	Shape Publ 0 Publ 21 eLOC 58 Model	Prot 0 1LOC 32 Total Fil	Private 0 Comment 52 e Summary ~~	Total Lines	21 151
Class: Model Attributes Methods LOC 78 Package End:	Publ 0 Publ 21 eLOC 58 Model	Prot 0 1LOC 32 Total Fil 1LOC 37	Private 0 Comment 52	Total Lines	21 151
Class: Model Attributes Methods LOC 78 Package End:	Publ 0 Publ 21 eLOC 58 Model	Prot 0 1LOC 32 Total Fil 1LOC 37	Private 0 Comment 52 e Summary ~~ Comment 52	Total Lines	21 151
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Class: Model Attributes Methods LOC 78 Package End: LOC 83 File Function Total Function Total Function	Publ 0 Publ 21 eLOC 58 Model eLOC 63 on Count: on LOC:	Prot 0 1LOC 32 Total Fil 1LOC 37 Tile Functi 18 68 49	Private 0 Comment 52 e Summary ~~ Comment 52 onal Summary ~~ Total Function Ptotal Function	Total Lines Lines S LOC : S eLOC:	21 151 163 1.6 1.2
Class: Model Attributes Methods LOC 78 Package End: LOC 83 File Function Total Function Total Function Total Function	Publ 0 Publ 21 eLOC 58 Model eLOC 63 on Count: on LOC: on eLOC:	Prot 0 1LOC 32 Total Fil 1LOC 37 Tile Functi 18 68 49 25	Private 0 Comment 52 e Summary ~~ Comment 52 onal Summary ~~ Total Function Ptotal Function Funct	Total Lines Lines Lines S LOC : S eLOC: S 1LOC:	21 151 163 1.6 1.2 0.7
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Class: Model Attributes Methods LOC 78 Package End: LOC 83 Total Function Total Function Total Function Total Function Total Function Max Function Max Function	Publ 0 Publ 21 eLOC 58 Model eLOC 63 on Count: on LOC: on eLOC: con Params .: Complexity : LOC: eLOC:	Prot 0 1LOC 32 Total Fil 1LOC 37 Tile Functi 18 68 49 25 11 24 14 11	Private 0 Comment 52 e Summary ~~ Comment 52 onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Pt: Total Function Con Total Function Con Average Function Average Function	Lines Li	21 151 163 1.6 1.2 0.7 20 55 3.78 2.72
Class: Model Attributes Methods LOC 78 Package End: LOC 83 Total Function Total Function Total Function Total Function Total Function Max Function Max Function	Publ 0 Publ 21 eLOC 58 Model eLOC 63 on Count: on LOC: on eLOC: con params :: Complexity : LOC:	Prot 0 1LOC 32 Total Fil 1LOC 37 Tile Functi 18 68 49 25 11 24 14 11	Private 0 Comment 52 e Summary ~~ Comment 52 onal Summary ~~ Total Function Pt: Total Function Pt: Total Function Pt: Total Function Re: Total Function Con Average Function	Lines Li	21 151 163 1.6 1.2 0.7 20 55 3.78

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

Package Begin: Model Package End: Model ~~ Total File Summary ~~ LOC 4 eLOC 3 1LOC 1 Comment 0 Lines 5

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\sr

c\main\java\Model\ShapeType.java

File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\src\main\

<u>java\Model\VariableShape.java</u>

Package Begin: Model

Class: Model.VariableShape

Inheritance: Shape
Attributes Publ 0 Prot 0 Private 2 Total 2
Methods Publ 7 Prot 0 Private 0 Total 7
LOC 60 eLOC 49 1LOC 28 Comment 11 Lines 79

Package End: Model

~~ Total File Summary ~~

LOC 63 eLOC 52 1LOC 31 Comment 11 Lines 84

~~ File Functional Summary ~~

File Function Count...: 7
Total Function LOC....: 51 Total Function Pts LOC: 1.2
Total Function eLOC...: 41 Total Function Pts eLOC: 1.0
Total Function 1LOC...: 26 Total Function Pts 1LOC: 0.6
Total Function Params .: 8 Total Function Return .: 7
Total Cyclo Complexity: 13 Total Function Complex.: 28 Max Function LOC:25 Average Function LOC ...7.29Max Function eLOC:21 Average Function eLOC ...5.86Max Function lLOC:13 Average Function lLOC ...3.71

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\sr

c\main\java\Model\VariableShape.java

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

Package Begin: View

Class: View.Blackboard Inheritance: JPanel

Attributes	Publ 0	Prot 0	Private 3	Total	3
Methods	Publ 12	Prot 0	Private 0	Total	12
LOC 62	eLOC 48	1LOC 17	Comment 2	Lines	76
Package End	: View				
	~-	~ Total Fil	e Summary ~~		
			Comment 2		91
	~~	File Functi	onal Summary ~~		
	on Count:	12			
	ion LOC:	49	Total Function Pt		1.4
	ion eLOC:	36	Total Function Pt		1.1
	ion 1LOC:	14 9	Total Function Pts Total Function Re		0.5
	ion Params .: Complexity :		Total Function Co		12 40
_		19		•	40
	1 LOC:		Average Function		4.08
	n eLOC:		Average Function		3.00
Max Function	n 1LOC:	8	Average Function	1LOC .:	1.17
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End of File	c\main\java\		\Documents\GitHub\	<u>Finaiproject</u>	1308\Sr
Package Begg Class: View Inheritance Attributes Methods LOC 25 Package End	CodePanel JPanel Publ 0 Publ 1 eLOC 20	Prot 0 Prot 0 Prot 0 1LOC 15	Private 3 Private 1 Comment 0	Total Total Lines	3 2 26
	~-	~ Total Fil	e Summary ~~		
			Comment 0		
			onal Summary ~~		
F41. F			•		
	on Count:	2	Total Eurotian Dt	- 100 -	0.7
	ion LOC:		Total Function Pts Total Function Pts		0.7
	ion eLOC: ion 1LOC:		Total Function Pt		0.6 0.5
	ion Params .:		Total Function Re		2
	Complexity:	3	Total Function Co	nplex.:	6
_					J
	1 LOC:		Average Function		9.50
	n eLOC:		Average Function		7.50
Max Function	1 1LOC:	9	Average Function	lloc .:	6.00
End of File			\Documents\GitHub\	FinalProject	t <u>308\sr</u>
	<u>c\main\java\</u>	<u>vıew\CodePa</u>	<u>ne⊥.java</u>		

<u>java\View\fileMenu.java</u> 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 1LOC 18 Comment 4 Lines 39 Package End: View ~~ Total File Summary ~~ LOC 33 eLOC 29 1LOC 22 Comment 4 Lines 47 ~~ 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\sr <u>c\main\java\View\fileMenu.java</u> File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\src\main\ <u>java\View\FinalProject.java</u> Package Begin: View Class: View.FinalProject Inheritance: JFrame
Attributes Publ 3 Prot 0 Private 0 Total 3
Methods Publ 2 Prot 0 Private 0 Total 2
LOC 81 eLOC 77 1LOC 72 Comment 5 Lines 95 Package End: View ~~ Total File Summary ~~ LOC 90 eLOC 86 1LOC 81 Comment 5 Lines 108 ~~ File Functional Summary ~~ File Function Count...: 2

Total Function LOC....: 76 Total Function Pts LOC: 1.7

Total Function eLOC...: 73 Total Function Pts eLOC: 1.6

Total Function 1LOC...: 69 Total Function Pts 1LOC: 1.5

Total Function Params .: 1 Total Function Return .: 2

Total Cyclo Complexity: 2 Total Function Complex.: 5

Max Function LOC ...: 68 Average Function LOC ..: 38.00

File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\src\main\

Max Function eLOC: 66 Average Function eLOC .: 36.50 Max Function 1LOC: 63 Average Function 1LOC .: 34.50

End of File: C:\Users\Jared\OneDrive\Documents\GitHub\FinalProject308\sr c\main\java\View\FinalProject.java

	c\ma:	<u>in\java\V</u>	<u>iew\F</u>	<u>inalProje</u>	<u>ct.java</u>			
		~~ Tota	1 Met	rics For	20 Files	~~		
		~~ .	Total	Project S	Summary a	~~		
			IOCUI	Troject .	Summar y			
LOC 1357	el oc	1137	11.00	760	Comment	257	Lines	1881
Average per					Comment	231	LINES	1001
		56			Commont	12	Lines	94
LUC 07	CLUC	30	TLUC	36	Comment	12	LTHES	94
		Dunai	+ 0	1 a a a / C t mus				
				lass/Stru				
	Pare	ent LOC M	etric	s Include	nestea i	LOC Metri	cs	
Class Contr						_		
Attributes					Private		Total	6
					Private		Total	10
LOC 105	eL0C	82	1LOC	37	Comment	9	Lines	125
<pre>Class: Model</pre>								
Attributes	Pub1	0	Prot	0	Private	6	Total	6
Methods	Publ	8	Prot	0	Private	0	Total	8
LOC 51	eL0C	42	1LOC	33	Comment	13	Lines	74
<pre>Class: Model</pre>	.Begir	1Shape						
Inheritance:	Shape	9						
Attributes	Pub1	1	Prot	0	Private	0	Total	1
Methods	Pub1	7	Prot	0	Private	0	Total	7
LOC 60	eL0C	49	1LOC	30	Comment	11	Lines	80
<pre>Class: Model</pre>	. Check	kDiagram						
Attributes			Prot	0	Private	0	Total	0
Methods	Pub1	1	Prot	0	Private	0	Total	1
LOC 28	eL0C		1LOC	15	Comment	-	Lines	31
200 20	0_00				•	•		0_
<pre>Class: Model</pre>	Cond	itionShan	P					
Inheritance:			•					
Attributes	Pub1		Prot	A	Private	2	Total	3
Methods	Publ		Prot	-	Private		Total	9
LOC 58	eLOC		1L0C		Comment		Lines	77
LUC 30	CLUC	47	TLUC	21	Comment	11	LIHES	,,
Class: Model	Endel	2000						
Inheritance:								
	Publ		Drot	0	Private	4	Total	4
Attributes			Prot				Total	1
Methods	Publ		Prot	-	Private		Total	7
LOC 60	eL0C	49	1LOC	30	Comment	11	Lines	80
010000 11010	E3.	a la a ve t						
Class: Model			D	•	D	•	T-4-3	_
Attributes	Publ		Prot	-	Private		Total	2
Methods	Publ		Prot		Private		Total	3
LOC 110	eL0C	79	1LOC	21	Comment	31	Lines	159
Nested Class								
Attributes	Pub1		Prot	-	Private		Total	2
Methods	Pub1		Prot		Private		Total	1
LOC 8	eL0C	6	1LOC	4	Comment	3	Lines	8

Private 1

Total

1

Nested Class: Model.Flowchart.Vertex<T>

Attributes Publ 0 Prot 0

Methods	Publ		Prot		Private		Total	3
LOC 15	eL0C	11	1LOC	4	Comment	Θ	Lines	16
Class: Model							_	
Attributes	Publ	-	Prot	-	Private	-	Total	0
Methods	Publ	-	Prot	-	Private	-	Total	0
LOC 0	eL0C	0	1LOC	Θ	Comment	0	Lines	Θ
Nested Class Attributes	: Mode Publ		art.E Prot	•	Private	2	Total	2
Methods	Publ		Prot	-	Private		Total	2
LOC 15	eLOC		1L0C		Comment	-	Lines	15
Class: Model		_						•
Attributes Methods	Publ Publ	-	Prot Prot	-	Private		Total Total	0
LOC 0	eLOC		1LOC	-	Private Comment		Lines	0 0
				U	Commerce	U	LINCS	O
<pre>Class: Model</pre>			ape					
Inheritance:	•			_				
Attributes	Publ	-	Prot	-	Private	_	Total	13
Methods LOC 78	Publ eLOC	_	Prot 1LOC	-	Private Comment	-	Total Lines	8 115
LUC 76	ELUC	07	ILUC	50	Comment	17	LIHES	113
<pre>Class: Model Inheritance:</pre>			ape					
Attributes	Publ		Prot	0	Private	2	Total	3
Methods	Publ	-	Prot	-	Private	_	Total	7
LOC 57	eL0C		1LOC	-	Comment	-	Lines	77
<pre>Class: Model Inheritance:</pre>								
Attributes	Publ		Prot	Θ	Private	3	Total	3
Methods	Publ	-	Prot	-	Private	_	Total	7
LOC 58	eL0C	50	1LOC	30	Comment	12	Lines	78
<u>Class</u> : Model	•			_		_		
Attributes	Pub1		Prot	-	Private		Total	0
Methods	Publ		Prot	-	Private	_	Total	1
LOC 103	eL0C	101	1LOC	95	Comment	5	Lines	115
<pre>Class: Model</pre>	. Repos	sitory						
Inheritance:	0bser	vable						
Attributes	Publ		Prot	-	Private		Total	6
Methods	Pub1		Prot	-	Private	-	Total	18
LOC 140	eL0C	110	1LOC	66	Comment	48	Lines	208
<pre>Class: Model</pre>	. Shape	•						
Attributes	Pub1		Prot		Private		Total	7
Methods	Pub1		Prot		Private	-	Total	21
LOC 78	eL0C	58	1LOC	32	Comment	52	Lines	151
<pre>Class: Model</pre>	.Varia	bleShape						
Inheritance:								
Attributes	Pub1	-	Prot	-	Private		Total	2
Methods	Publ		Prot		Private		Total	7
LOC 60	eL0C	49	1LOC	28	Comment	11	Lines	79
Class View.								
Inheritance:			Duct	0	Drivete	2	Total	2
Attributes Methods	Publ Publ	-	Prot Prot	-	Private Private		Total Total	3 12
LOC 62	eLOC		1LOC		Comment	-	Lines	76
200 02	CLUC	70	TLUC	1	Johnnettt	_	LINGS	70
Class: View.								
Inheritance: Attributes	JPane Publ		Prot	0	Private	2	Total	2
Methods	Pub1	-	Prot	-	Private		Total	3 2
LOC 25	eLOC		1LOC		Comment		Lines	26
						_		

Class: View.								
Inheritance:		Durat 0	Professor 0	Total	2			
Attributes Methods	Publ 0	Prot 0 Prot 0	Private 3 Private 0	Total	3 2			
LOC 29	Publ 2			Total				
LUC 29	eLOC 25	1LOC 18	Comment 4	Lines	39			
Class: View.FinalProject Inheritance: JFrame								
Attributes	Publ 3	Prot 0	Private 0	Total	3			
Methods	Publ 2	Prot 0	Private 0	Total	2			
LOC 81		1LOC 72	Comment 5	Lines	95			
200 01	0200 / /			2200	00			
Total: All Parent Classes/Structs Attributes Publ 5 Prot 2 Private 58 Total 65								
Methods	Publ 130	Prot 0	Private 2	Total	132			
LOC 1243			Comment 257	Lines	1685			
-~ Project Class/Struct Analysis ~~ Total Classes/Structs .: 23 Total Nested Classes: 3 Total Methods: 137								
	Methods:	130			5			
	ted Methods:	0	Total Protected Att		2			
	e Methods .:	2	Total Private Attr		58			
	al Lines:	1685	Total LOC		1243			
		1025			651			
	atic Comp. :	247			277			
	ters:	129			148			
	t Lines:	257	Total Blank Lines		212			
Avg Physical	Lines:	73.26	Avg Methods	:	5.96			
Avg Public M	lethods:	5.65	Avg Public Attribut	tes .:	0.22			
	ed Methods .:	0.00	Avg Protected Attr		0.09			
Avg Private		0.09	Avg Private Attrib		2.52			
Avg LOC		54.04	Avg eLOC		44.57			
Avg 1LOC		28.30	Avg Cyclomatic Comp		10.74			
	e Comp:	12.04	Avg Parameters		5.61			
•	Points:	6.43	Avg Comment Lines		11.17			
	Lines:	208			21			
	lethods:	21			3			
	d Methods .:		Max Protected Attr		2			
	Methods:	1			13			
Max LOC	:	140	Max eLOC	:	110			
Max 1LOC	:	95	Max Cyclomatic Comp	o:	37			
	e Comp:	33	Max Parameters		13			
	oints:	20	Max Comment Lines		52			
			Win Mothedo		^			
	Lines: lethods:	0 0			0 0			
	ed Methods .:	0			0			
	Methods:	0			0			
		0	Min eLOC		0			
		0			0			
	e Comp:		-		0			
	oints:	0			0			
~~ Project Interface Metrics ~~ Interface: Model.RepositoryInterface								
	Publ 0		Private 0	Total	0			
	Publ 0			Total	0 13			
	eLOC 14			Lines	13 14			
200 10	CEOO 17	1230 13	Johnne Te U	LINGS	⊥ +			
Total: All I Attributes		Prot 0	Private 0	Total	0			

Class: View.fileMenu

Methods Publ 0 Prot 0 Private 13 LOC 15 Comment 0 **eLOC** 14 **1LOC** 13 Lines ______ ~~ Project Interface Analysis ~~ 0 14 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 C1] - View.fileMenu [D1.C0.P1] + **JPanel** [D0.C2] View.Blackboard [D1.C0.P1] - View.CodePanel [D1.C0.P1] + Model.Arrow [D0.C0]

+ Model.CheckDiagram [D0.C0]

+ Model.Flowchart [D0.C0]

13

Total

```
+ Model.Flowchart.DiffResult [D0.C0]
+ Model.Flowchart.Edge [D0.C0]
+ Model.Flowchart.Edge [D0.C0]
+ Model.Flowchart.Vertex [D0.C0]
+ Model.Flowchart.Vertex [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. Variable Shape [D1.C0.P1]
+ Model.problemContainer [D0.C0]
+ Observable [D0.C1]
   - Model.Repository [D1.C0.P1]
Total Classes
Total Base Classes : 15
Total Derived Classes: 12
Derived/Based Ratio : 0.80
Maximum Depth of Inheritance: 1
Average Depth of Inheritance: 0.44
Maximum Number of Direct Child Classes: 7
Average Number of Direct Child Classes: 0.44
                    ~~ Project Namespace/Package Metrics ~~
Namespace/Package: Controller
Total Classses 1 Total Functions 10 Avg Func/Class 10.00
Attributes Publ 0 Prot 0 Private 6 Total 6
Methods Publ 10 Prot 0 Private 0 Total 10
LOC 105 eLOC 82 1LOC 37 Comment 9 Lines 125
Namespace/Package: Model
Total Classses 19
Attributes Publ 2
Methods Publ 103
LOC 956
Productions 117
Avg Fur
Prot 2
Private 43
Prot 0
Private 14
LOC 505
Comment 237
                                Total Functions 117 Avg Func/Class
                                                                     Total 47
                                                                     Total
                                                                                 117
                                                                     Lines
                                                                                 1338
Namespace/Package: View
Total Classses 4
                                Total Functions 18
                                                          Avg Func/Class
                                                                                 4.50
                                Prot 0 Private 9 Total
Attributes Publ 3
                                                                                  12
Methods
               Publ 17
                                Prot 0
                                                Private 1
                                                                     Total
                                                                                   18
             eLOC 170
                                1LOC 122
                                                                     Lines
LOC 197
                                               Comment 11
                                                                                  236
Total: All Namespaces/Packages
Total Classes 24 Total Functions 145 Avg Func/Class Attributes Publ 5 Prot 2 Private 58 Total Methods Publ 130 Prot 0 Private 15 Total LOC 1258 eLOC 1039 LOC 664 Comment 257 Lines
                                                                                  65
                                                                                  145
                                                                                 1699
                   ~~ Project Namespace/Package Analysis ~~
                                        3
Total Namespace/Package:
```

Total Classes/Structs :: 24 Total Methods: 145
Total Public Methods ..: 130 Total Public Attributes: 5

Total Protected Methods:	0	Total Protected Attrib.:	2				
Total Private Methods .:	15	Total Private Attrib:	58				
Total Physical Lines:	1699	Total LOC:	1258				
Total eLOC:	1039	Total 1LOC:	664				
Total Cyclomatic Comp. :	247	Total Interface Comp:	277				
Total Parameters:	129	Total Return Points:	148				
Total Comment Lines:	257	Total Blank Lines:	212				
Avg Classes/Structs:	8.00	Avg Methods	48.33				
Avg Public Methods:	43.33	Avg Public Attributes .:	1.67				
Avg Protected Methods .:	0.00	Avg Protected Attrib:	0.67				
Avg Private Methods:	5.00	Avg Private Attributes :	19.33				
Avg LOC	419.33 221.33	Avg eLOC	346.33 82.33				
	92.33	Avg Cyclomatic Comp:	43.00				
Avg Interface Comp: Avg Return Points:	49.33	Avg Parameters: Avg Comment Lines:	43.00 85.67				
Avg Return Points	49.33	Avy Comment Lines					
Max Classes/Struct:	19	Max Methods:	117				
Max Public Methods:	103	Max Public Attributes .:	3				
Max Protected Methods .:	0	Max Protected Attrib:	2				
Max Private Methods:	14	Max Private Attributes :	43				
Max LOC:	956	Max eLOC:	787				
Max 1LOC:	505	Max Cyclomatic Comp:	192				
Max Interface Comp:	226	Max Parameters:	106				
Max Return Points:	120	Max Comment Lines:	237				
Min Classes/Structs:	1	Min Methods:	10				
Min Public Methods:	10	Min Public Attributes .:	Θ				
Min Protected Methods .:	0	Min Protected Attrib:	Θ				
Min Private Methods:	0	Min Private Attributes :	6				
Min LOC:	105	Min eLOC:	82				
Min lLOC:	37	Min Cyclomatic Comp:	26				
Min Interface Comp:	20	Min Parameters:	10				
Min Return Points:	10	Min Comment Lines:	9				
~~ File Summary ~~							
C Source Files *.c:	Θ	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*:	20				
Other Source Files:	0	ouva source rife . jav .	20				
Total File Count:	20						
TOTAL TITO COMME TITLE	20						

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