Report Banner - Edit rsm.cfg File

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

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Build Date : Sep 2 2009

License Date: Dec 05, 1998

Run Date: Apr 22, 2024

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~~ Complexity Analysis ~~

File: D:\ASU\Classes\SPPQM CSE566\Assignments 566\A5\A5 Java files\InventoryManagementSystem.java

Function: Ir	nventorvManagen	mentSystem.Inv	entoryManagements	Svstem	
Parameters:	•	,	,	,	
Complexity	Param 0	Return 1	Cyclo Vg 1	Total	2
LOC 4	eLOC 3	1LOC 2	Comment 0	Lines	4
	nventoryManagen				
	(String name,			_	
Complexity		Return 1	Cyclo Vg 2	Total	6
LOC 9	eLOC 7	1LOC 5	Comment 0	Lines	10
Eunction: Tr	nventoryManagen	mentSystem nem	oveTtem		
	(String name,		Overcem		
Complexity	Param 2	Return 2	Cyclo Vg 3	Total	7
LOC 14	eLOC 11	1LOC 8	Comment 0	Lines	16
Function: In	nventoryManagen	mentSystem.upd	ateItemPrice		
Parameters:	(String name,	double newPri	ce)		
Complexity	Param 2	Return 1	Cyclo Vg 2	Total	5
LOC 9	eLOC 7	1LOC 5	Comment 0	Lines	10
	nventoryManagen	mentSystem.sea	rchItemByName		
Complexity	(String name) Param 1	Return 1	Cyclo Vg 2	Total	4
LOC 8	eLOC 6	1LOC 4	Comment 0	Lines	4 9
LUC 8	eroc 6	1100 4	Comment 0	Liles	9
Function: In	nventoryManagen	mentSvstem.dis	plavInventorv		
Parameters:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
Complexity		Return 1	Cyclo Vg 3	Total	4
LOC 10	eLOC 7	1LOC 5	Comment 0	Lines	11
	nventoryManagen	mentSystem.fin	dItemByName		
	(String name)				
Complexity		Return 2	Cyclo Vg 3	Total	6
LOC 8	eLOC 5	1LOC 3	Comment 0	Lines	8
Function: Tr	nventoryManagen	ontfuctom mai			
	(String[] args		II.		
Complexity		Return 1	Cyclo Vg 1	Total	3
LOC 10	eLOC 9	1LOC 8	Comment 0	Lines	13

Parameters:	(String name.	double pri	ce, int quantity)		
				Total	5
LOC 5	eLOC 4	1LOC 3	Cyclo Vg 1 Comment 0	Lines	5
Function: It					
Parameters:		Return 1	Cyclo Vg 1	Total	2
	eLOC 2		Comment 0		3
					_
	tem.getPrice				
Parameters:					
Complexity	Param 0 eLOC 2	Return 1	Cyclo Vg 1 Comment 0		2 3
LUC 3	eLUC 2	1LOC 1	Comment 0	Lines	3
	tem.getQuantity	y			
Parameters:					_
Complexity	Param 0	Return 1 1LOC 1	Cyclo Vg 1 Comment 0	Total Lines	2 3
LUC 3	eLOC 2	ILUC I	Comment 6	rines	3
	tem.setPrice_				
	(double newPr:		Cuala Va 4	T-4-1	2
	eLOC 2		Cyclo Vg 1 Comment 0		3
LUC 3	eloc z	ILUC I	Comment	Lilles	3
	tem.removeQuan	tity			
Complexity	(int amount)	Return 1	Cyclo Va 1	Total	3
LOC 3	el OC 2	11.00.1	Cyclo Vg 1 Comment 0	Lines	3
		1100 1	Commerce o	2265	_
	tem.toString				
Parameters:		Dotum 1	Cualo Va 1	Total	2
	eLOC 2		Cyclo Vg 1 Comment 0		2 3
200 3	CLOC 2	1100 1	Comment o	Lines	
	~	∼ Total File	e Summary ~~		
LOC 106	eLOC 80	1LOC 55	Comment 3	Lines	131
	~~ !	File Functio	onal Summary ~~		
		TIC TUNCCIO	Shar Summar y		
	on Count:	15			
	ion LOC:	95	Total Function Pts		2.0
	ion eLOC: ion lLOC:	71 49	Total Function Pts Total Function Pts		1.5 1.0
	ion Params .:	49 15	Total Function Ref		1.0
	Complexity:	24	Total Function Con		56
				•	
	n LOC:	14	Average Function I		6.33
	n eLOC:	11	Average Function		4.73
Max Function	n 1LOC:	8	Average Function	LLOC .:	3.27
Max Function	n Parameters:	3	Avg Function Param	neters:	1.00
	n Returns:		Avg Function Retur		1.13
	ce Complex. :		Avg Interface Comp		2.13
	tic Complex.:	3	Avg Cyclomatic Con		1.60
Max Total Co	omplexity:	7	Avg Total Complex	ity:	3.73

End of File: D:\ASU\Classes\SPPQM CSE566\Assignments 566\A5\A5 Java file s\InventoryManagementSystem.java

~~ Total Metrics For 1 Files ~~

~~ Total Project Summary ~~

LOC 106	eL0C	80	1LOC 55	Comment	3	Lines	131
Average per	File,	metric/1	files				
LOC 106	eL0C	80	1LOC 55	Comment	3	Lines	131

~~ Project Functional Metrics ~~

Function: InventoryManagementSystem.InventoryManagementSystem

Parameters: ()

Complexity	Param 0	Return 1	Cyclo Vg 1	Total	2
LOC 4	eLOC 3	1LOC 2	Comment 0	Lines	4

Function: InventoryManagementSystem.addItem

Parameters:	(String name,	double price,	int quantity)		
Complexity	Param 3	Return 1	Cyclo Vg 2	Total	6
LOC 9	eLOC 7	1LOC 5	Comment 0	Lines	10

Function: InventoryManagementSystem.removeItem

Parameters:	(String	name,	int	quantity)
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Complexity	Param 2	Return 2	Cyclo Vg 3	Total	7
LOC 14	eLOC 11	1LOC 8	Comment 0	Lines	16

<u>Function</u>: InventoryManagementSystem.updateItemPrice

Parameters:	(String name,	double newPr	rice)		
Complexity	Param 2	Return 1	Cyclo Vg 2	Total	5
LOC 9	eLOC 7	1LOC 5	Comment 0	Lines	10

<u>Function</u>: InventoryManagementSystem.searchItemByName

		-	_
Parametei	rs: (String	name)

Complexity	Param 1	Return 1	Cyclo Vg 2	Total	4
LOC 8	eLOC 6	1LOC 4	Comment 0	Lines	9

<u>Function</u>: InventoryManagementSystem.displayInventory

Parameters: ()

Complexity	Param 0	Return 1	Cyclo Vg 3	Total	4
LOC 10	eLOC 7	1LOC 5	Comment 0	Lines	11

Function: InventoryManagementSystem.findItemByName

Parameters: (String name)

Complexity	Param 1	Return 2	Cyclo Vg 3	Total	6
LOC 8	eLOC 5	1LOC 3	Comment 0	Lines	8

Function: InventoryManagementSystem.main

Parameters: (String[] args)

Complexity	Param 1	Return 1	Cyclo Vg 1	Total	3
LOC 10	eLOC 9	1LOC 8	Comment 0	Lines	13

Function: Item.Item

Parameters:	(String name,	double price,	<pre>int quantity)</pre>		
Complexity	Param 3	Return 1	Cyclo Vg 1	Total	5
LOC 5	eLOC 4	1LOC 3	Comment 0	Lines	5

Function: Item.getName

P	a	r	a	m	e	t	e	r	S	:		())
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rai ameter 3.					
Complexity	Param 0	Return 1	Cyclo Vg 1	Total	2
LOC 3	eLOC 2	1LOC 1	Comment 0	Lines	3

Parameters:	tem.getPrice () Param 0	Dotumn 1	Cyclo Va 1	Total	2
	eLOC 2	lLOC 1	Cyclo Vg 1 Comment 0	Lines	2 3
Function: It	tem.getQuantit ()	у			
		Return 1	Cyclo Vg 1	Total	2
LOC 3	eLOC 2	1LOC 1	Comment 0	Lines	3
	tem.setPrice	÷>			
	(double newPr		Cuala Va 1	Tatal	,
LOC 3	eLOC 2	lLOC 1	Cyclo Vg 1 Comment 0	Total Lines	3 3
Function: I1	tem.removeQuan	tity			
	(int amount)				
		Return 1	Cyclo Vg 1	Total	3
LOC 3		1LOC 1	Comment 0	Lines	3
	tem.toString				
Parameters:		D	Conta Na 4	T-4-1	2
			Cyclo Vg 1		2
LOC 3	eLOC 2	1LOC 1	Comment 0	Lines	3
Total: Funct	tions eLOC 71	1100 49	InCmp 32	CvcloCmn	24
			•		
Function Poi	ints F	P(LOC) 1.8	FP(eLOC) 1.3	FP(1LOC)	0.9
	~~ Pr		ional Analysis ~~		
Total Functi	~~ Pr	oject Funct			104
		oject Funct 15	ional Analysis ~~	nes:	
Total LOC	ions:	oject Funct 15	ional Analysis ~~ Total Physical Li Total Function Pt	nes:	104
Total LOC Total eLOC .	ions:	oject Funct 15 95 71	ional Analysis ~~ Total Physical Li Total Function Pt	nes: s LOC : s eLOC:	104 1.8
Total LOC Total eLOC Total lLOC	ions:	oject Funct 15 95 71	ional Analysis ~~ Total Physical Li Total Function Pt Total Function Pt Total Function Pt	nes: s LOC : s eLOC:	104 1.8 1.3
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Total LOC Total eLOC Total lLOC Total Cyclon Total Parame Total Commen	ions:: matic Comp.:	oject Funct 15 95 71 49 24 15	ional Analysis ~~ Total Physical Li Total Function Pt Total Function Pt Total Function Pt Total Interface C Total Return Poin	nes: s LOC : s eLOC: comp:	104 1.8 1.3 0.9 32 17
Total LOC Total eLOC Total lLOC Total Cyclon Total Parame Total Commer Avg Physical	ions:	oject Funct 15 95 71 49 24 15 0	ional Analysis ~~ Total Physical Li Total Function Pt Total Function Pt Total Function Pt Total Interface C Total Return Poin	nes: s LOC: s eLOC: comp: ts:	104 1.8 1.3 0.9 32 17
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Total LOC Total eLOC Total lLOC Total Cyclom Total Parame Total Commer Avg Physical Avg LOC Avg ILOC Avg Interfac Avg Return F Max LOC Max eLOC Max eLOC Max Paramete Max Comment Min LOC Min eLOC Min Cyclomat Min Paramete	ions:	oject Funct 15 95 71 49 24 15 0 6.93 6.33 3.27 2.13 1.13 14 11 3 3 0 3 2	ional Analysis ~~ Total Physical Li Total Function Pt Total Function Pt Total Function Pt Total Interface C Total Return Poin Total Blank Lines Avg eLOC Avg Cyclomatic Co Avg Parameters Avg Comment Lines Max ILOC Max Interface Com Max Return Points Max Total Lines Min ILOC Min Interface Com	nes: s LOC: s eLOC: s 1LOC: comp: ts: imp: imp: imp:	104 1.8 1.3 0.9 32 17 9 4.73 1.60 1.00 0.00

~~ 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> *:	1
Other Source Files:	0		
Total File Count:	1		

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

Report Banner - Edit rsm.cfg File