

C# RSM Example

Step 1

Acquire some C# source code. Several C# examples exist in open source.

<http://www.personalmicrocosms.com/pages/cspcalc.aspx>

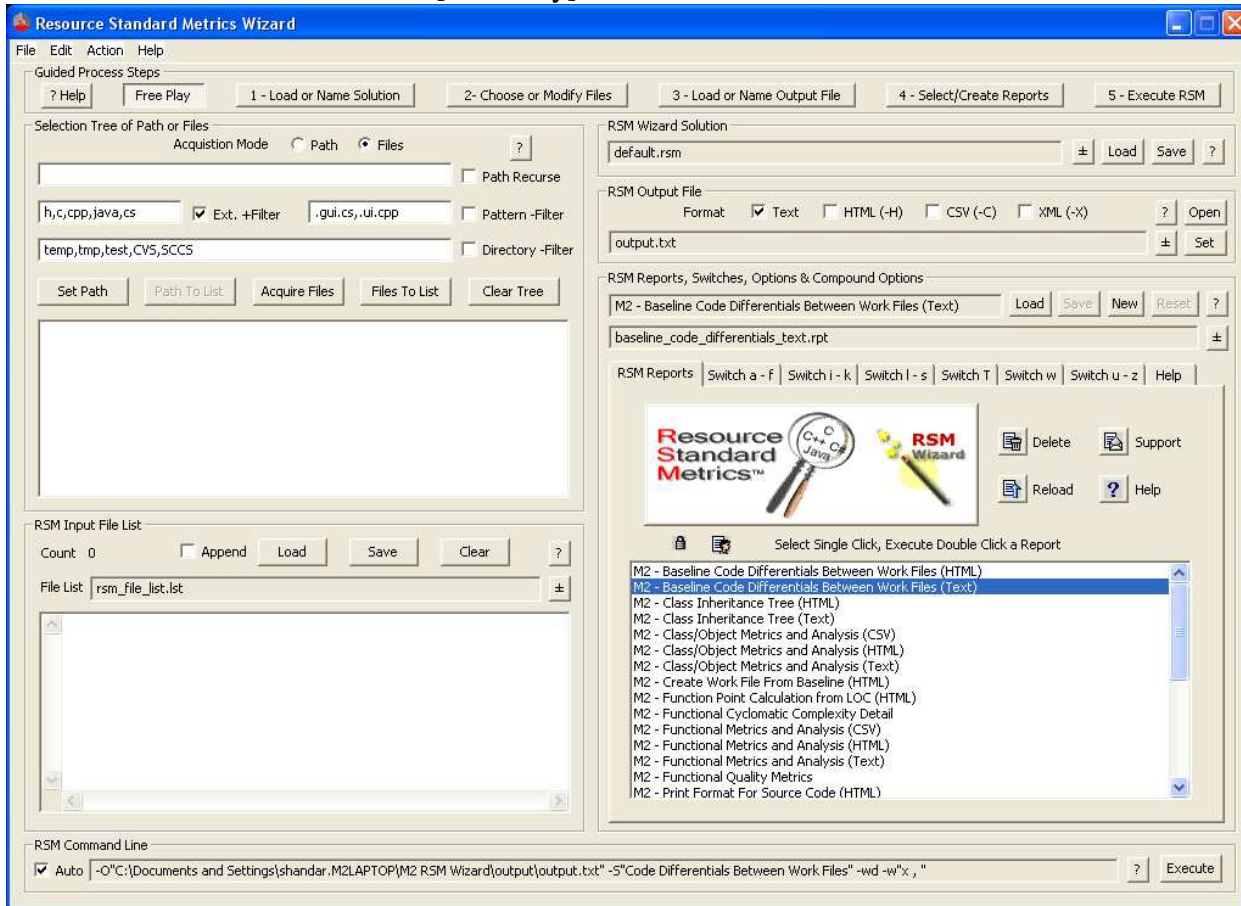
Download the source code and expand the zip file to a folder c:\projects

Create a directory under projects for metrics

C:\projects\metrics

Step 2

Start the RSM Wizard and select [Free Play]



Step 3

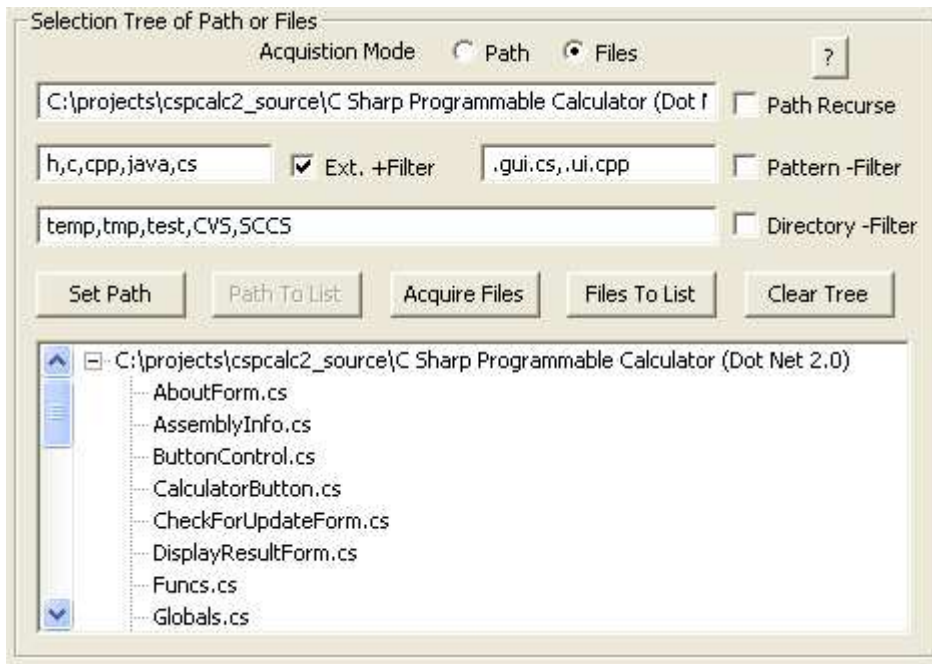
Acquire the files from the project source code to the Wizard Files tree window.

Select Acquisition Mode "Files"

Press the [Set Path] button and navigate to the top directory of the source tree.

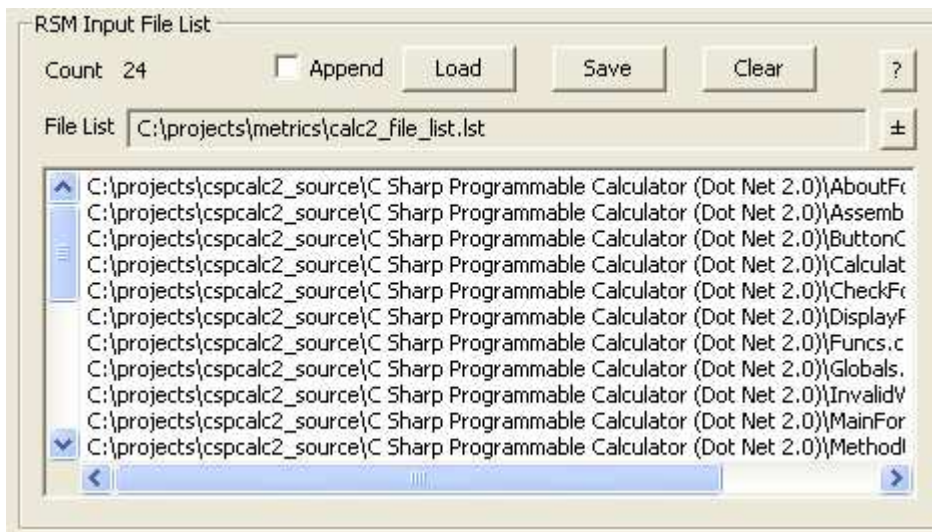
Press [Acquire Files]

All the *.cs files will now show in the file tree window



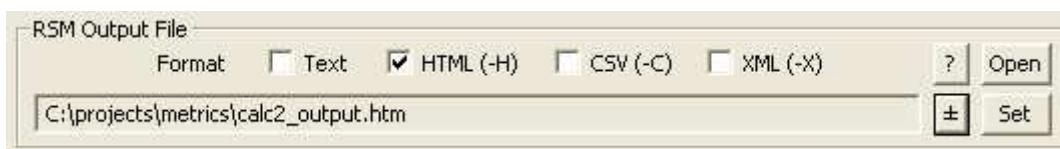
Step 4

Press the [Files to List] button and the files will now show in the File List Window. Once the files are in the file list window, press the [Save] button to save the file list to the c:\projects\metrics folder.



Step 5

Next set the output format (HTML) and output file name to c:\projects\metrics. Check the HTML box. Select [Set] to set the output file name and location.



Step 6

Create a report for Totals – All Functions, Quality Profile and LIC Summary.

Select the [New] button under reports

Reset All Switches – Select [Yes]

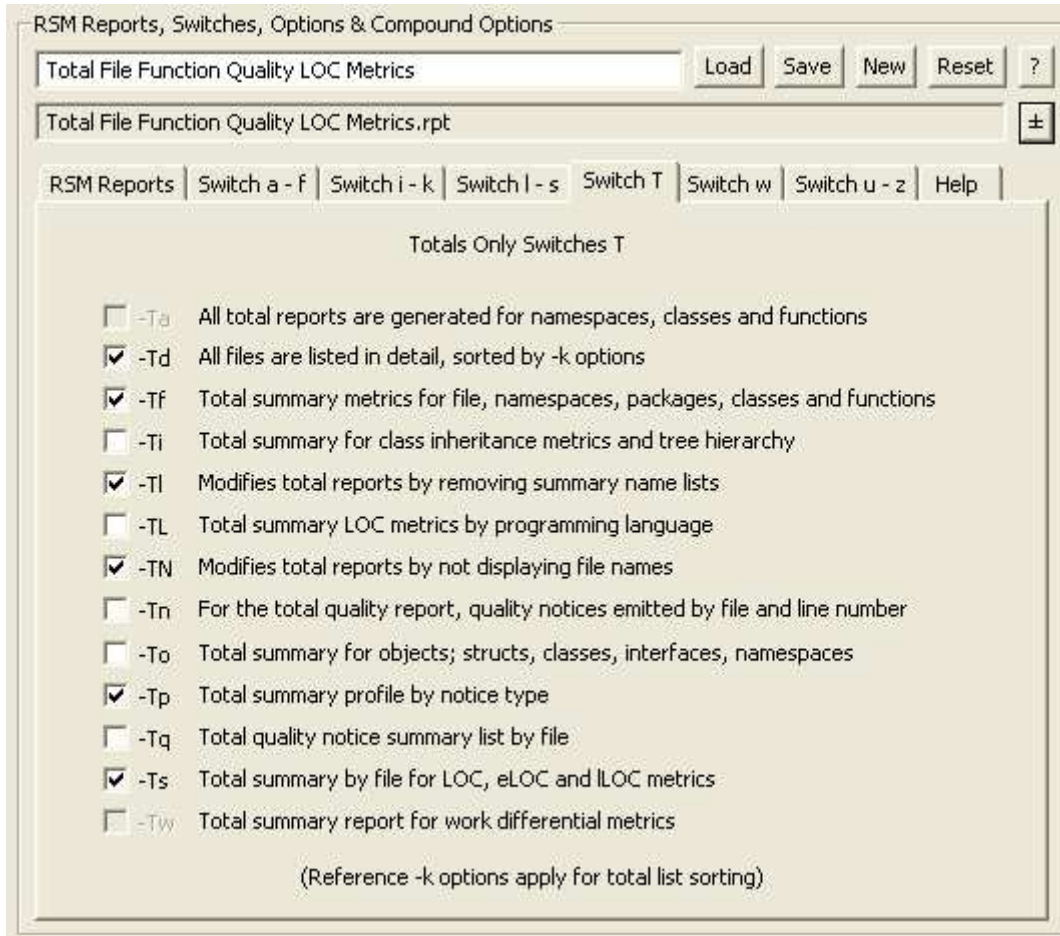
Reselect the HTML Output Format Box.

Select the Switch T Tab

Check the: -Td, -Tf, -Tl, -TN, -Tq, -Ts

Change the name of the report to: Total File Function Quality LOC Metrics

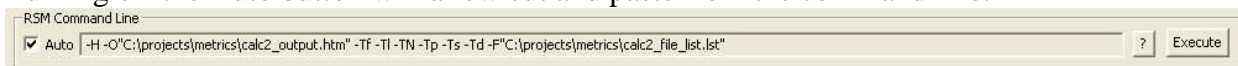
Save the report with this name to the default save location so that it will show up in the reports list window.



Step 7

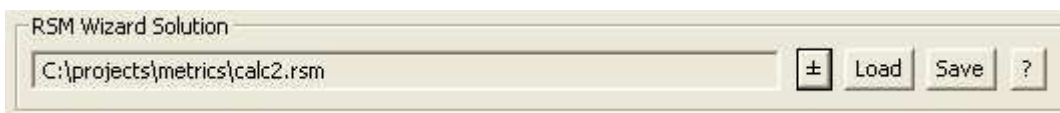
Observe the command line. This line can teach the command syntax for scripting RSM.

Turning off the Auto button will allow cut and paste from the command line.



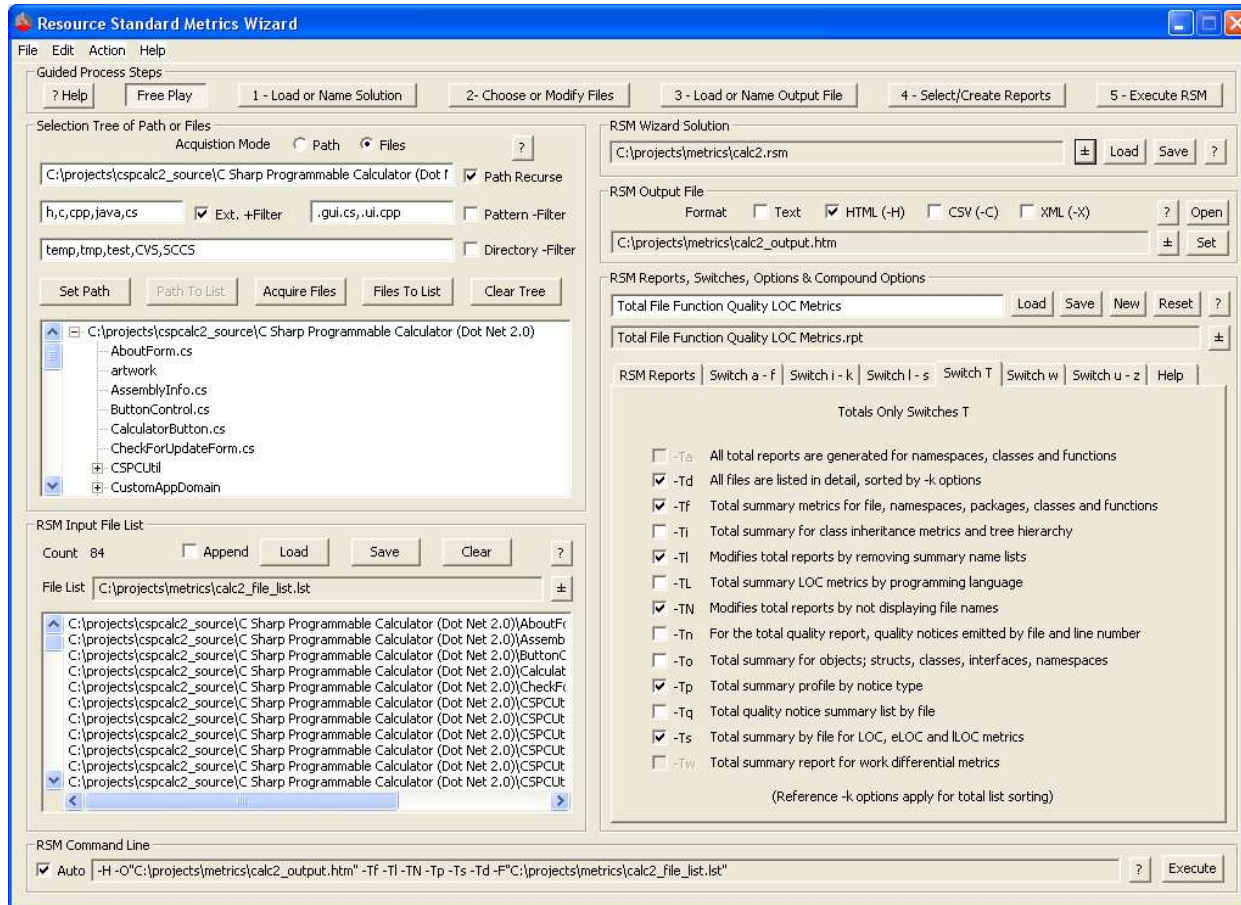
Step 8

Name and save the solution to the c:\projects\metrics folder.



Step 9

Press the execute button to generate the HTML report



Report Banner - Edit rsm.cfg File

Resource Standard Metrics™ for C, C++, C# and Java
Version 7.00 - mSquaredTechnologies.com

License Type: Site Multi-Network License - 100 Users
Licensed To : M Squared Technologies LLC
License No. : ST1001 License Date: Thu Mar 31 07:29:35 2005
Build Date : Mar 27 2007 Maintenance Date: Tue May 01 06:40:29 2007
©1996-2007 M Squared Technologies™ Run Date: Tue Apr 17 20:19:52 2007

License File: D:\rsm\product\m2_rsm\rsm.lic
Config. File: D:\rsm\product\m2_rsm\rsm.cfg
Command Line: -H -OC:\projects\metrics\calc2_output.htm -Tf -Ti -TN -Tp
-Ts -Td -FC:\projects\metrics\calc2_file_list.lst
UDQN File : D:\rsm\product\m2_rsm\rsm_udqn_static_test.cfg

~~ Total Metrics For 84 Files ~~

~~ Project Functional Metrics ~~

Total: Functions

LOC 7265 eLOC 4979 lLOC 4151 InCmp 1231 CycloCmp 996

Function Points FP(LOC) 137.1 FP(eLOC) 93.9 FP(lLOC) 78.3

~~ Project Functional Analysis ~~

Total Functions	515	Total Physical Lines ...	9165
Total LOC	7265	Total Function Pts LOC :	137.1
Total eLOC	4979	Total Function Pts eLOC:	93.9
Total lLOC.....	4151	Total Function Pts lLOC:	78.3
Total Cyclomatic Comp. :	996	Total Interface Comp. ..	1231
Total Parameters	714	Total Return Points	517
Total Comment Lines ...:	1440	Total Blank Lines	871

Avg Physical Lines	17.80		
Avg LOC	14.11	Avg eLOC	9.67
Avg lLOC	8.06	Avg Cyclomatic Comp. ...	1.93
Avg Interface Comp.	2.39	Avg Parameters	1.39
Avg Return Points	1.00	Avg Comment Lines	2.80

Max LOC	710		
Max eLOC	708	Max lLOC	660
Max Cyclomatic Comp. ...	22	Max Interface Comp.	8
Max Parameters	7	Max Return Points	2
Max Comment Lines	256	Max Total Lines	963

Min LOC	1		
Min eLOC	0	Min lLOC	0
Min Cyclomatic Comp. ...	1	Min Interface Comp.	1
Min Parameters	0	Min Return Points	1
Min Comment Lines	0	Min Total Lines	1

~~ Project Quality Profile ~~

Type	Count	Percent	Quality Notice
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1	1089	4.94	Physical line length > 80 characters
2	20	0.09	Function name length > 32 characters
5	2	0.01	Assignment "=" within "while" statement
13	1	0.00	"switch" statement does not have a "default"
17	149	0.68	Function comment content less than 10.0%
18	3	0.01	Function eLOC > maximum 200 eLOC
20	16	0.07	File comment content < 10.0%
23	10	0.05	"?" ternary operator identified
27	2	0.01	Number of function return points > 1
28	6	0.03	Cyclomatic complexity > 10
29	2	0.01	Number of function parameters > 6
30	19991	90.74	TAB character has been identified
31	16	0.07	Class/Struct comments are < 10.0%
34	12	0.05	Class specification contains a pointer to data
35	90	0.41	Class specification contains public data
38	56	0.25	Exception Handling "try"- "catch" has been identified
39	1	0.00	Number of class/struct methods exceeds specified maximum 100
42	3	0.01	Multiple inheritance has been identified
44	7	0.03	Keyword "break" identified outside a "switch" structure
46	114	0.52	Function/Class Blank Line content less < 10.0%
47	8	0.04	File Blank Line content < 10.0%
48	15	0.07	Function lLOC <= 0, non-operational function

49	119	0.54	Function appears to have null or blank parameters
50	268	1.22	Variable assignment to a literal number
104	5	0.02	A line containing just a semicolon
118	4	0.02	Keyword struct identified
119	23	0.10	Return is not a function

22032 100.00 Total Quality Notices

~~ Quality Notice Density ~~

Basis: 1000 (K)

Quality Notices/K LOC	=	2195.3 (219.53%)
Quality Notices/K eLOC	=	3078.8 (307.88%)
Quality Notices/K lLOC	=	4246.7 (424.67%)

~~ Total Project Summary ~~

LOC 10036	eLOC 7156	lLOC 5188	Comment 2194	Lines	14045
Average per File, metric/84 files					
LOC 119	eLOC 85	lLOC 61	Comment 26	Lines	167
Function Points	FP(LOC) 189.4	FP(eLOC) 135.0	FP(lLOC)	97.9	

~~ File Detail Summary ~~

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\AboutForm.cs](#)

Date: Thu Feb 01 19:43:12 2007	File Size: 8309 Bytes			
Quality Funcs 6	Notice 555	QN/Func 92.5	QN/KeLOC 4336	
Complexity Param 7	Return 6	Cyclo Vg 10	Total 23	
LOC 152	eLOC 128	lLOC 110	Comment 46	Lines 211
Function Points	FP(LOC) 2.9	FP(eLOC) 2.4	FP(lLOC) 2.1	

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\AssemblyInfo.cs](#)

Date: Thu Feb 01 19:43:12 2007	File Size: 2529 Bytes			
Quality Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC 500	
Complexity Param 0	Return 0	Cyclo Vg 0	Total 0	
LOC 14	eLOC 14	lLOC 2	Comment 40	Lines 58
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC) 0.0	

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ButtonControl.cs](#)

Date: Thu Feb 01 19:43:12 2007	File Size: 16258 Bytes			
Quality Funcs 6	Notice 1147	QN/Func 191.2	QN/KeLOC 4345	
Complexity Param 6	Return 6	Cyclo Vg 15	Total 27	
LOC 302	eLOC 264	lLOC 242	Comment 80	Lines 399
Function Points	FP(LOC) 5.7	FP(eLOC) 5.0	FP(lLOC) 4.6	

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CalculatorButton.cs](#)

Date: Thu Feb 01 19:43:12 2007	File Size: 1846 Bytes			
Quality Funcs 5	Notice 183	QN/Func 36.6	QN/KeLOC 5229	
Complexity Param 4	Return 5	Cyclo Vg 7	Total 16	
LOC 63	eLOC 35	lLOC 19	Comment 16	Lines 91
Function Points	FP(LOC) 1.2	FP(eLOC) 0.7	FP(lLOC) 0.4	

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net](#)

et 2.0)\CheckForUpdateForm.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	5584 Bytes	
Quality	Funcs 4	Notice 398	QN/Func 99.5	QN/KeLOC 4374
Complexity	Param 3	Return 4	Cyclo Vg 9	Total 16
LOC 115	eLOC 91	lLOC 77	Comment 31	Lines 160
Function Points	FP(LOC) 2.2	FP(eLOC) 1.7	FP(lLOC)	1.5

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\AssemblyInfo.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	2445 Bytes	
Quality	Funcs 0	Notice 5	QN/Func 0.0	QN/KeLOC 333
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 15	eLOC 15	lLOC 3	Comment 40	Lines 59
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.1

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\BrowserForm.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	16066 Bytes	
Quality	Funcs 16	Notice 164	QN/Func 10.3	QN/KeLOC 745
Complexity	Param 31	Return 16	Cyclo Vg 21	Total 68
LOC 270	eLOC 220	lLOC 183	Comment 55	Lines 353
Function Points	FP(LOC) 5.1	FP(eLOC) 4.2	FP(lLOC)	3.5

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\ButtonAttribute.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	704 Bytes	
Quality	Funcs 2	Notice 72	QN/Func 36.0	QN/KeLOC 4000
Complexity	Param 3	Return 2	Cyclo Vg 2	Total 7
LOC 34	eLOC 18	lLOC 8	Comment 3	Lines 43
Function Points	FP(LOC) 0.6	FP(eLOC) 0.3	FP(lLOC)	0.2

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\CSPCMBRO.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	398 Bytes	
Quality	Funcs 1	Notice 18	QN/Func 18.0	QN/KeLOC 3600
Complexity	Param 0	Return 1	Cyclo Vg 1	Total 2
LOC 11	eLOC 5	lLOC 2	Comment 5	Lines 18
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.0

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\CSPCUtil.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	6615 Bytes	
Quality	Funcs 11	Notice 506	QN/Func 46.0	QN/KeLOC 5441
Complexity	Param 32	Return 11	Cyclo Vg 19	Total 62
LOC 151	eLOC 93	lLOC 62	Comment 33	Lines 237
Function Points	FP(LOC) 2.8	FP(eLOC) 1.8	FP(lLOC)	1.2

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\DateForm.cs

Date:	Thu Feb 01 19:43:14 2007	File Size:	3251 Bytes	
Quality	Funcs 3	Notice 257	QN/Func 85.7	QN/KeLOC 4356
Complexity	Param 4	Return 3	Cyclo Vg 5	Total 12
LOC 77	eLOC 59	lLOC 48	Comment 25	Lines 111
Function Points	FP(LOC) 1.5	FP(eLOC) 1.1	FP(lLOC)	0.9

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\CSPCUtil\DiscardNullAttribute.cs

Date:	Thu Feb 01 19:43:14 2007	File Size:	299 Bytes	
Quality	Funcs 0	Notice 14	QN/Func 0.0	QN/KeLOC 2800
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 11	eLOC 5	lLOC 1	Comment 3	Lines 15
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\IConvertToDouble.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	190 Bytes
Quality	Funcs 0	Notice 8	QN/Func 0.0
Complexity	Param 0	Return 0	Cyclo Vg 0
LOC 8	eLOC 4	lLOC 2	Comment 3
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC) 0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\Integer.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	3649 Bytes
Quality	Funcs 8	Notice 493	QN/Func 61.6
Complexity	Param 10	Return 8	Cyclo Vg 23
LOC 154	eLOC 88	lLOC 53	Comment 1
Function Points	FP(LOC) 2.9	FP(eLOC) 1.7	FP(lLOC) 1.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\NullableTypeUtils.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	1856 Bytes
Quality	Funcs 3	Notice 3	QN/Func 1.0
Complexity	Param 3	Return 3	Cyclo Vg 8
LOC 53	eLOC 31	lLOC 18	Comment 4
Function Points	FP(LOC) 1.0	FP(eLOC) 0.6	FP(lLOC) 0.3

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\PerfCounters.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	6115 Bytes
Quality	Funcs 9	Notice 467	QN/Func 51.9
Complexity	Param 10	Return 9	Cyclo Vg 12
LOC 136	eLOC 92	lLOC 51	Comment 26
Function Points	FP(LOC) 2.6	FP(eLOC) 1.7	FP(lLOC) 1.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\ProgrammableButtonInfo.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	928 Bytes
Quality	Funcs 2	Notice 77	QN/Func 38.5
Complexity	Param 4	Return 2	Cyclo Vg 2
LOC 35	eLOC 19	lLOC 10	Comment 3
Function Points	FP(LOC) 0.7	FP(eLOC) 0.4	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\PromptForm.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	6757 Bytes
Quality	Funcs 6	Notice 148	QN/Func 24.7
Complexity	Param 12	Return 6	Cyclo Vg 15
LOC 155	eLOC 111	lLOC 84	Comment 38
Function Points	FP(LOC) 2.9	FP(eLOC) 2.1	FP(lLOC) 1.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\Properties\Resources.Designer.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	4299 Bytes
Quality	Funcs 3	Notice 21	QN/Func 7.0
Complexity	Param 4	Return 3	Cyclo Vg 4
LOC 54	eLOC 37	lLOC 11	Comment 23
Function Points	FP(LOC) 1.0	FP(eLOC) 0.7	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\RemotableMethodInfo.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	2238 Bytes
Quality	Funcs 3	Notice 239	QN/Func 79.7
Complexity	Param 2	Return 3	Cyclo Vg 7
LOC 86	eLOC 48	lLOC 30	Comment 3
Function Points	FP(LOC) 1.6	FP(eLOC) 0.9	FP(lLOC) 0.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\RemotableParameterInfo.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	506 Bytes
Quality	Funcs 2	Notice 46	QN/Func 23.0
Complexity	Param 1	Return 2	Cyclo Vg 2
LOC 23	eLOC 11	lLOC 5	Comment 3
Function Points	FP(LOC) 0.4	FP(eLOC) 0.2	FP(lLOC) 0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\Strings.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	845 Bytes
Quality	Funcs 0	Notice 21	QN/Func 0.0
Complexity	Param 0	Return 0	Cyclo Vg 0
LOC 14	eLOC 10	lLOC 8	Comment 3
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\TabAttribute.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	700 Bytes
Quality	Funcs 2	Notice 77	QN/Func 38.5
Complexity	Param 3	Return 2	Cyclo Vg 2
LOC 35	eLOC 19	lLOC 8	Comment 3
Function Points	FP(LOC) 0.7	FP(eLOC) 0.4	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\TextLines.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	1229 Bytes
Quality	Funcs 7	Notice 132	QN/Func 18.9
Complexity	Param 8	Return 7	Cyclo Vg 7
LOC 58	eLOC 30	lLOC 15	Comment 3
Function Points	FP(LOC) 1.1	FP(eLOC) 0.6	FP(lLOC) 0.3

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\TextLinesForm.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	15639 Bytes
Quality	Funcs 11	Notice 197	QN/Func 17.9
Complexity	Param 19	Return 11	Cyclo Vg 15
LOC 252	eLOC 198	lLOC 158	Comment 50
Function Points	FP(LOC) 4.8	FP(eLOC) 3.7	FP(lLOC) 3.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CSPCUtil\TextPrintDocument.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	3929 Bytes
Quality	Funcs 4	Notice 257	QN/Func 64.3
Complexity	Param 7	Return 4	Cyclo Vg 10
LOC 77	eLOC 55	lLOC 41	Comment 36
Function Points	FP(LOC) 1.5	FP(eLOC) 1.0	FP(lLOC) 0.8

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CustomAppDomain\AssemblyInfo.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	2428 Bytes
Quality	Funcs 0	Notice 7	QN/Func 0.0
Complexity	Param 0	Return 0	Cyclo Vg 0
LOC 14	eLOC 14	lLOC 2	Comment 40
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC) 0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CustomAppDomain\CustomAppDomain.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	2807 Bytes
Quality	Funcs 4	Notice 109	QN/Func 27.3
Complexity	Param 4	Return 4	Cyclo Vg 7
LOC 62	eLOC 38	lLOC 26	Comment 9

Function Points FP(LOC) 1.2 FP(eLOC) 0.7 FP(lLOC) 0.5

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\CustomAppDomain\Strings.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	845 Bytes	
Quality	Funcs 0	Notice 21	QN/Func 0.0	QN/KeLOC 2100
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 14	eLOC 10	lLOC 8	Comment 3	Lines 21
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DisplayResultForm.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	7257 Bytes	
Quality	Funcs 5	Notice 116	QN/Func 23.2	QN/KeLOC 1115
Complexity	Param 6	Return 5	Cyclo Vg 7	Total 18
LOC 122	eLOC 104	lLOC 88	Comment 34	Lines 166
Function Points	FP(LOC) 2.3	FP(eLOC) 2.0	FP(lLOC)	1.7

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\AddNewFunctionForm.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	9492 Bytes	
Quality	Funcs 5	Notice 841	QN/Func 168.2	QN/KeLOC 4947
Complexity	Param 6	Return 5	Cyclo Vg 16	Total 27
LOC 226	eLOC 170	lLOC 136	Comment 50	Lines 301
Function Points	FP(LOC) 4.3	FP(eLOC) 3.2	FP(lLOC)	2.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\AssemblyInfo.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	2428 Bytes	
Quality	Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC 500
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 14	eLOC 14	lLOC 2	Comment 40	Lines 58
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\CapsLockStatusBar.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	256 Bytes	
Quality	Funcs 1	Notice 10	QN/Func 10.0	QN/KeLOC 2000
Complexity	Param 0	Return 1	Cyclo Vg 1	Total 2
LOC 9	eLOC 5	lLOC 2	Comment 3	Lines 13
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\CodeRichTextBox.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	4834 Bytes	
Quality	Funcs 9	Notice 604	QN/Func 67.1	QN/KeLOC 6292
Complexity	Param 10	Return 9	Cyclo Vg 24	Total 43
LOC 154	eLOC 96	lLOC 62	Comment 25	Lines 226
Function Points	FP(LOC) 2.9	FP(eLOC) 1.8	FP(lLOC)	1.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\Compiler.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	3291 Bytes	
Quality	Funcs 6	Notice 293	QN/Func 48.8	QN/KeLOC 4883
Complexity	Param 5	Return 7	Cyclo Vg 13	Total 25
LOC 98	eLOC 60	lLOC 40	Comment 22	Lines 149
Function Points	FP(LOC) 1.8	FP(eLOC) 1.1	FP(lLOC)	0.8

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\EditCodeForm.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	37578 Bytes	
Quality	Funcs 31	Notice 1161	QN/Func 37.5	QN/KeLOC 2170
Complexity	Param 53	Return 31	Cyclo Vg 69	Total 153

LOC 689	eLOC 535	lLOC 430	Comment 125	Lines	918
Function Points		FP(LOC) 13.0	FP(eLOC) 10.1	FP(lLOC)	8.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\ErrorMessageForm.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 9606 Bytes			
Quality	Funcs 8	Notice 633	QN/Func 79.1	QN/KeLOC 4366
Complexity	Param 12	Return 8	Cyclo Vg 18	Total 38
LOC 185	eLOC 145	lLOC 119	Comment 37	Lines 238
Function Points		FP(LOC) 3.5	FP(eLOC) 2.7	FP(lLOC) 2.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\GoToLineForm.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 5510 Bytes			
Quality	Funcs 6	Notice 233	QN/Func 38.8	QN/KeLOC 2505
Complexity	Param 6	Return 6	Cyclo Vg 12	Total 24
LOC 127	eLOC 93	lLOC 74	Comment 28	Lines 168
Function Points		FP(LOC) 2.4	FP(eLOC) 1.8	FP(lLOC) 1.4

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\InMemoryCompiler.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 2817 Bytes			
Quality	Funcs 6	Notice 252	QN/Func 42.0	QN/KeLOC 4582
Complexity	Param 2	Return 7	Cyclo Vg 11	Total 20
LOC 89	eLOC 55	lLOC 38	Comment 20	Lines 133
Function Points		FP(LOC) 1.7	FP(eLOC) 1.0	FP(lLOC) 0.7

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\KeyStatusStatusBar.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 3571 Bytes			
Quality	Funcs 5	Notice 270	QN/Func 54.0	QN/KeLOC 4286
Complexity	Param 5	Return 5	Cyclo Vg 15	Total 25
LOC 99	eLOC 63	lLOC 42	Comment 24	Lines 145
Function Points		FP(LOC) 1.9	FP(eLOC) 1.2	FP(lLOC) 0.8

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\Printing.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 1330 Bytes			
Quality	Funcs 2	Notice 118	QN/Func 59.0	QN/KeLOC 5364
Complexity	Param 4	Return 2	Cyclo Vg 3	Total 9
LOC 40	eLOC 22	lLOC 13	Comment 3	Lines 50
Function Points		FP(LOC) 0.8	FP(eLOC) 0.4	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\Properties\Resources.Designer.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 4082 Bytes			
Quality	Funcs 3	Notice 19	QN/Func 6.3	QN/KeLOC 543
Complexity	Param 4	Return 3	Cyclo Vg 4	Total 11
LOC 50	eLOC 35	lLOC 10	Comment 23	Lines 85
Function Points		FP(LOC) 0.9	FP(eLOC) 0.7	FP(lLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\SourceCode.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 2515 Bytes			
Quality	Funcs 9	Notice 296	QN/Func 32.9	QN/KeLOC 5382
Complexity	Param 1	Return 9	Cyclo Vg 12	Total 22
LOC 101	eLOC 55	lLOC 32	Comment 5	Lines 127
Function Points		FP(LOC) 1.9	FP(eLOC) 1.0	FP(lLOC) 0.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\Strings.cs](#)

Date: Thu Feb 01 19:43:14 2007	File Size: 845 Bytes			
Quality	Funcs 0	Notice 21	QN/Func 0.0	QN/KeLOC 2100

Complexity	Param 0	Return 0	Cyclo Vg 0	Total	0
LOC 14	eLOC 10	lLOC 8	Comment 3	Lines	21
Function Points		FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCode\TextPrintDocument.cs](#)

Date:	Thu Feb 01 19:43:14 2007	File Size:	3929 Bytes
Quality	Funcs 4	Notice 257	QN/Func 64.3
Complexity	Param 7	Return 4	Cyclo Vg 10
LOC 77	eLOC 55	lLOC 41	Comment 36
Function Points		FP(LOC) 1.5	FP(eLOC) 1.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCompiler\AssemblyInfo.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	2428 Bytes
Quality	Funcs 0	Notice 7	QN/Func 0.0
Complexity	Param 0	Return 0	Cyclo Vg 0
LOC 14	eLOC 14	lLOC 2	Comment 40
Function Points		FP(LOC) 0.3	FP(eLOC) 0.3

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCompiler\DynamicCompiler.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	11276 Bytes
Quality	Funcs 12	Notice 1028	QN/Func 85.7
Complexity	Param 21	Return 12	Cyclo Vg 39
LOC 231	eLOC 135	lLOC 83	Comment 68
Function Points		FP(LOC) 4.4	FP(eLOC) 2.5

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCompiler\DynamicCompilerError.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	1030 Bytes
Quality	Funcs 1	Notice 143	QN/Func 143.0
Complexity	Param 5	Return 1	Cyclo Vg 1
LOC 56	eLOC 30	lLOC 16	Comment 4
Function Points		FP(LOC) 1.1	FP(eLOC) 0.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCompiler\DynamicCompilerResults.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	765 Bytes
Quality	Funcs 2	Notice 76	QN/Func 38.0
Complexity	Param 0	Return 2	Cyclo Vg 2
LOC 28	eLOC 20	lLOC 15	Comment 3
Function Points		FP(LOC) 0.5	FP(eLOC) 0.4

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\DynamicCompiler\Strings.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	845 Bytes
Quality	Funcs 0	Notice 21	QN/Func 0.0
Complexity	Param 0	Return 0	Cyclo Vg 0
LOC 14	eLOC 10	lLOC 8	Comment 3
Function Points		FP(LOC) 0.3	FP(eLOC) 0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\Funcs.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	23991 Bytes
Quality	Funcs 73	Notice 80	QN/Func 1.1
Complexity	Param 114	Return 73	Cyclo Vg 107
LOC 687	eLOC 455	lLOC 255	Comment 45
Function Points		FP(LOC) 13.0	FP(eLOC) 8.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\GlobalConfig\AssemblyInfo.cs](#)

Date:	Thu Feb 01 19:43:16 2007	File Size:	2428 Bytes
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Quality	Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC	500
Complexity	Param 0	Return 0	Cyclo Vg 0	Total	0
LOC 14	eLOC 14	lLOC 2	Comment 40	Lines	58
Function Points		FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\GlobalConfig\Configuration.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 3065 Bytes				
Quality	Funcs 1	Notice 182	QN/Func 182.0	QN/KeLOC	2889
Complexity	Param 0	Return 1	Cyclo Vg 1	Total	2
LOC 71	eLOC 63	lLOC 50	Comment 3	Lines	84
Function Points		FP(LOC) 1.3	FP(eLOC) 1.2	FP(lLOC)	0.9

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\GlobalConfig\FormPosition.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 1512 Bytes				
Quality	Funcs 3	Notice 122	QN/Func 40.7	QN/KeLOC	4692
Complexity	Param 2	Return 3	Cyclo Vg 6	Total	11
LOC 40	eLOC 26	lLOC 17	Comment 12	Lines	57
Function Points		FP(LOC) 0.8	FP(eLOC) 0.5	FP(lLOC)	0.3

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\GlobalConfig\SerializeConfiguration.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 3893 Bytes				
Quality	Funcs 10	Notice 295	QN/Func 29.5	QN/KeLOC	5268
Complexity	Param 6	Return 10	Cyclo Vg 12	Total	28
LOC 100	eLOC 56	lLOC 34	Comment 20	Lines	148
Function Points		FP(LOC) 1.9	FP(eLOC) 1.1	FP(lLOC)	0.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\GlobalConfig\Strings.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 845 Bytes				
Quality	Funcs 0	Notice 21	QN/Func 0.0	QN/KeLOC	2100
Complexity	Param 0	Return 0	Cyclo Vg 0	Total	0
LOC 14	eLOC 10	lLOC 8	Comment 3	Lines	21
Function Points		FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\Globals.cs](#)

Date: Thu Feb 01 19:43:12 2007	File Size: 264 Bytes				
Quality	Funcs 0	Notice 11	QN/Func 0.0	QN/KeLOC	2200
Complexity	Param 0	Return 0	Cyclo Vg 0	Total	0
LOC 9	eLOC 5	lLOC 3	Comment 3	Lines	14
Function Points		FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\HelpUtil\AssemblyInfo.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 2428 Bytes				
Quality	Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC	500
Complexity	Param 0	Return 0	Cyclo Vg 0	Total	0
LOC 14	eLOC 14	lLOC 2	Comment 40	Lines	58
Function Points		FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\HelpUtil\OnLineHelp.cs](#)

Date: Thu Feb 01 19:43:16 2007	File Size: 2269 Bytes				
Quality	Funcs 7	Notice 32	QN/Func 4.6	QN/KeLOC	1103
Complexity	Param 3	Return 7	Cyclo Vg 8	Total	18
LOC 55	eLOC 29	lLOC 16	Comment 10	Lines	73
Function Points		FP(LOC) 1.0	FP(eLOC) 0.5	FP(lLOC)	0.3

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ICSPCAPI\AssemblyInfo.cs](#)

Date: Thu Feb 01 19:43:16 2007 File Size: 2475 Bytes

Quality	Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC 438
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 16	eLOC 16	lLOC 3	Comment 40	Lines 60
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ICSPCAPI\IAPI.cs](#)

Date: Thu Feb 01 19:43:16 2007 File Size: 276 Bytes

Quality	Funcs 0	Notice 27	QN/Func 0.0	QN/KeLOC 3000
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 17	eLOC 9	lLOC 5	Comment 3	Lines 23
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ICSPCAPI\IAPIUser.cs](#)

Date: Thu Feb 01 19:43:16 2007 File Size: 216 Bytes

Quality	Funcs 0	Notice 8	QN/Func 0.0	QN/KeLOC 2000
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 8	eLOC 4	lLOC 2	Comment 3	Lines 12
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ICSPCAPI\IGUIUtils.cs](#)

Date: Thu Feb 01 19:43:16 2007 File Size: 833 Bytes

Quality	Funcs 0	Notice 26	QN/Func 0.0	QN/KeLOC 2167
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 16	eLOC 12	lLOC 10	Comment 3	Lines 27
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\ICSPCAPI\IStack.cs](#)

Date: Thu Feb 01 19:43:16 2007 File Size: 275 Bytes

Quality	Funcs 0	Notice 23	QN/Func 0.0	QN/KeLOC 2875
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 14	eLOC 8	lLOC 5	Comment 3	Lines 21
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\InvalidValueException.cs](#)

Date: Thu Feb 01 19:43:12 2007 File Size: 457 Bytes

Quality	Funcs 1	Notice 47	QN/Func 47.0	QN/KeLOC 4700
Complexity	Param 1	Return 1	Cyclo Vg 1	Total 3
LOC 22	eLOC 10	lLOC 4	Comment 3	Lines 29
Function Points	FP(LOC) 0.4	FP(eLOC) 0.2	FP(lLOC)	0.1

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\MainForm.cs](#)

Date: Thu Feb 01 19:43:12 2007 File Size: 115025 Bytes

Quality	Funcs 102	Notice 4624	QN/Func 45.3	QN/KeLOC 2936
Complexity	Param 180	Return 102	Cyclo Vg 210	Total 492
LOC 2155	eLOC 1575	lLOC 1216	Comment 296	Lines 2767
Function Points	FP(LOC) 40.7	FP(eLOC) 29.7	FP(lLOC)	22.9

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\MethodUtils.cs](#)

Date: Thu Feb 01 19:43:12 2007 File Size: 3100 Bytes

Quality	Funcs 3	Notice 367	QN/Func 122.3	QN/KeLOC 6016
Complexity	Param 6	Return 3	Cyclo Vg 19	Total 28
LOC 109	eLOC 61	lLOC 38	Comment 4	Lines 131
Function Points	FP(LOC) 2.1	FP(eLOC) 1.2	FP(lLOC)	0.7

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net](#)

et 2.0)\Null.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	271 Bytes	
Quality	Funcs 2	Notice 25	QN/Func 12.5	QN/KeLOC 3571
Complexity	Param 0	Return 2	Cyclo Vg 2	Total 4
LOC 15	eLOC 7	lLOC 2	Comment 3	Lines 20
Function Points	FP(LOC) 0.3	FP(eLOC) 0.1	FP(lLOC)	0.0

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\NumLockStatusBar.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	1162 Bytes	
Quality	Funcs 3	Notice 89	QN/Func 29.7	QN/KeLOC 4238
Complexity	Param 1	Return 3	Cyclo Vg 5	Total 9
LOC 35	eLOC 21	lLOC 12	Comment 13	Lines 52
Function Points	FP(LOC) 0.7	FP(eLOC) 0.4	FP(lLOC)	0.2

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\ProcessUtils.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	2961 Bytes	
Quality	Funcs 0	Notice 45	QN/Func 0.0	QN/KeLOC 1216
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 51	eLOC 37	lLOC 23	Comment 10	Lines 90
Function Points	FP(LOC) 1.0	FP(eLOC) 0.7	FP(lLOC)	0.4

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\ProgrammableButton.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	2974 Bytes	
Quality	Funcs 7	Notice 274	QN/Func 39.1	QN/KeLOC 5373
Complexity	Param 7	Return 7	Cyclo Vg 10	Total 24
LOC 89	eLOC 51	lLOC 30	Comment 19	Lines 124
Function Points	FP(LOC) 1.7	FP(eLOC) 1.0	FP(lLOC)	0.6

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\Properties\Resources.Designer.cs

Date:	Thu Feb 01 19:43:16 2007	File Size:	5058 Bytes	
Quality	Funcs 3	Notice 27	QN/Func 9.0	QN/KeLOC 563
Complexity	Param 4	Return 3	Cyclo Vg 4	Total 11
LOC 71	eLOC 48	lLOC 14	Comment 23	Lines 110
Function Points	FP(LOC) 1.3	FP(eLOC) 0.9	FP(lLOC)	0.3

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\RunResult.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	727 Bytes	
Quality	Funcs 1	Notice 86	QN/Func 86.0	QN/KeLOC 4526
Complexity	Param 3	Return 1	Cyclo Vg 1	Total 5
LOC 37	eLOC 19	lLOC 10	Comment 3	Lines 47
Function Points	FP(LOC) 0.7	FP(eLOC) 0.4	FP(lLOC)	0.2

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\RuntimeErrorForm.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	7060 Bytes	
Quality	Funcs 4	Notice 170	QN/Func 42.5	QN/KeLOC 1574
Complexity	Param 5	Return 4	Cyclo Vg 10	Total 19
LOC 130	eLOC 108	lLOC 93	Comment 37	Lines 180
Function Points	FP(LOC) 2.5	FP(eLOC) 2.0	FP(lLOC)	1.8

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\RunWithCancel.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	4732 Bytes	
Quality	Funcs 3	Notice 490	QN/Func 163.3	QN/KeLOC 4949
Complexity	Param 3	Return 3	Cyclo Vg 16	Total 22
LOC 146	eLOC 99	lLOC 72	Comment 9	Lines 193
Function Points	FP(LOC) 2.8	FP(eLOC) 1.9	FP(lLOC)	1.4

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\SettingsForm.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	36190 Bytes	
Quality	Funcs 12	Notice 654	QN/Func 54.5	QN/KeLOC 1321
Complexity	Param 20	Return 12	Cyclo Vg 28	Total 60
LOC 553	eLOC 495	lLOC 446	Comment 135	Lines 734
Function Points	FP(LOC) 10.4	FP(eLOC) 9.3	FP(lLOC)	8.4

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\StackListBox.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	11561 Bytes	
Quality	Funcs 25	Notice 1230	QN/Func 49.2	QN/KeLOC 6029
Complexity	Param 15	Return 25	Cyclo Vg 59	Total 99
LOC 342	eLOC 204	lLOC 126	Comment 57	Lines 496
Function Points	FP(LOC) 6.5	FP(eLOC) 3.8	FP(lLOC)	2.4

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\Strings.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	845 Bytes	
Quality	Funcs 0	Notice 21	QN/Func 0.0	QN/KeLOC 2100
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 14	eLOC 10	lLOC 8	Comment 3	Lines 21
Function Points	FP(LOC) 0.3	FP(eLOC) 0.2	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\TraceUtil\AssemblyInfo.cs](#)

Date:	Thu Feb 01 19:43:18 2007	File Size:	2428 Bytes	
Quality	Funcs 0	Notice 7	QN/Func 0.0	QN/KeLOC 500
Complexity	Param 0	Return 0	Cyclo Vg 0	Total 0
LOC 14	eLOC 14	lLOC 2	Comment 40	Lines 58
Function Points	FP(LOC) 0.3	FP(eLOC) 0.3	FP(lLOC)	0.0

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\TraceUtil\FormTraceListener.cs](#)

Date:	Thu Feb 01 19:43:18 2007	File Size:	1389 Bytes	
Quality	Funcs 4	Notice 125	QN/Func 31.3	QN/KeLOC 6250
Complexity	Param 2	Return 4	Cyclo Vg 9	Total 15
LOC 42	eLOC 20	lLOC 9	Comment 16	Lines 66
Function Points	FP(LOC) 0.8	FP(eLOC) 0.4	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\TraceUtil\TraceForm.cs](#)

Date:	Thu Feb 01 19:43:18 2007	File Size:	6853 Bytes	
Quality	Funcs 10	Notice 507	QN/Func 50.7	QN/KeLOC 4829
Complexity	Param 15	Return 10	Cyclo Vg 15	Total 40
LOC 141	eLOC 105	lLOC 83	Comment 51	Lines 213
Function Points	FP(LOC) 2.7	FP(eLOC) 2.0	FP(lLOC)	1.6

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\UserApplicationDataFolder.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	789 Bytes	
Quality	Funcs 1	Notice 70	QN/Func 70.0	QN/KeLOC 5000
Complexity	Param 0	Return 1	Cyclo Vg 2	Total 3
LOC 26	eLOC 14	lLOC 8	Comment 8	Lines 36
Function Points	FP(LOC) 0.5	FP(eLOC) 0.3	FP(lLOC)	0.2

File: [C:\projects\cspcalc2_source\C Sharp Programmable Calculator \(Dot Net 2.0\)\Version.cs](#)

Date:	Thu Feb 01 19:43:12 2007	File Size:	2535 Bytes	
Quality	Funcs 6	Notice 257	QN/Func 42.8	QN/KeLOC 5711
Complexity	Param 3	Return 6	Cyclo Vg 10	Total 19
LOC 77	eLOC 45	lLOC 31	Comment 9	Lines 107
Function Points	FP(LOC) 1.5	FP(eLOC) 0.8	FP(lLOC)	0.6

File: C:\projects\cspcalc2_source\C Sharp Programmable Calculator (Dot Net 2.0)\VoidResult.cs

Date:	Thu Feb 01 19:43:12 2007	File Size:	204 Bytes	
Quality	Funcs 1	Notice 14	QN/Func 14.0	QN/KeLOC 3500
Complexity	Param 0	Return 1	Cyclo Vg 1	Total 2
LOC 10	eLOC 4	lLOC 1	Comment 3	Lines 14
Function Points	FP(LOC) 0.2	FP(eLOC) 0.1	FP(lLOC)	0.0

File: "Total All 84 Files"

Date:	Not Applicable	File Size:	486040 Bytes	
Quality	Funcs 515	Notice 22032	QN/Func 42.8	QN/KeLOC 3079
Complexity	Param 714	Return 517	Cyclo Vg 996	Total 2227
LOC 10036	eLOC 7156	lLOC 5188	Comment 2194	Lines 14045
Function Points	FP(LOC) 189.4	FP(eLOC) 135.0	FP(lLOC)	97.9

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 ..:	84	Java Source File *.jav*:	0
Other Source Files:	0		
Total File Count:	84		

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