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MyClass - Unit Tests Results

CPP11UT v0.1 © 2013
by Andreas Boerner

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/home/andy/hg/c2/apps/cpp11ut/projects

Summary

FAILED testcases: 9 (42%)

DISABLED testcases: 1 (4%)

	Total	Exec'd	OK		DISABLED		FAIL	
			#	%	#	%	#	%
Test Suites	4	4	2	50			2	50
Test Cases	21	20	11	55	1	4.76	9	45
Test Steps		29	20	69			9	31

Total time elapsed: 600 µs

Test Suites

Summary

Suite	Total	Exec'd	OK		DISABLED		FAIL		Time
	testcases	testcases	#	%	#	%	#	%	s
1-Basic	5	5	5	100	0	0	0	0	158 µs
2-Advanced	2	2	2	100	0	0	0	0	61 µs
3-Big	3	2	1	50	1	33.3	1	50	87.8 µs
4-Except	11	11	3	27.3	0	0	8	72.7	294 µs

Suite: 1-Basic

Test Case Name	description	exec'd	OK		FAIL		Time
		test steps	#	%	#	%	s
0-ctor	check c-tor	1	1	100	0	0	60.9 µs
t01	10.0/5.0 => 2.0	2	2	100	0	0	42 µs
t02	10/2 => 5	2	2	100	0	0	28.6 µs
t03	7/2 => 3.5	1	1	100	0	0	15.8 µs
t04	4/4 => 1	1	1	100	0	0	10.3 µs

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Suite: 2-Advanced

Test Case Name	description	exec'd	OK		FAIL		Time
		test steps	#	%	#	%	s
a-01	(-) 5/5 => 1	3	3	100	0	0	48.2 µs
a-02	100/5 => 200	1	1	100	0	0	12.8 µs

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Suite: 3-Big

Test Case Name	description	exec'd	OK		FAIL		Time
		test steps	#	%	#	%	s
t01	1000000/2 => 500000	1	1	100	0	0	13.1 µs
t02	some more big numbers /2	3	2	66.7	1	33.3	74.7 µs

t03	some even bigger numbers /2
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test cases marked yellow were DISABLED !

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Suite: 4-Except

Test Case Name	description	exec'd test steps	OK		FAIL		Time s
			#	%	#	%	
e-01	test div zero exception	2	2	100	0	0	97.7 µs
e-02	div zero, don't expect exception	1	0	0	1	100	22 µs
e-03	test range exception	1	0	0	1	100	18.7 µs
e-04	int exception	1	0	0	1	100	21.5 µs
e-05	std::exception derived exception	1	0	0	1	100	23.6 µs
e-06	proprietary exception	1	0	0	1	100	19.9 µs
e-07	exception outside of test step	2	1	50	1	50	23.2 µs
e-08	check for exception	2	1	50	1	50	31.8 µs
e-08a	check for exception	1	1	100	0	0	9.78 µs
e-09	exception does not match	1	0	0	1	100	12.9 µs
e-10	good case	1	1	100	0	0	12.6 µs

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Test result details - Failed test steps

3-Big::t02

Testcase	3-Big::t02
Descript.	some more big numbers /2
File	../src/Tests.cc:70
Test Step	TS-002
Message	tc(10000000000,3) expected to be: 50000000000, but evaluated to 3333333248
Expected	50000000000
Actual	tc(10000000000,3) => 3333333248

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4-Except::e-02

Testcase	4-Except::e-02
Descript.	div zero, don't expect exception
File	../src/Tests.cc:91
Test Step	TS-001
Message	unexpected exception occurred!
Expected	
Actual	std::runtime_error
What	division by zero

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4-Except::e-03

Testcase	4-Except::e-03
Descript.	test range exception
File	../src/Tests.cc:96
Test Step	TS-001
Message	unexpected exception occurred!
Expected	

Actual	std::range_error
What	can't handle 42

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4-Except::e-04

Testcase	4-Except::e-04
Descript.	int exception
File	../src/Tests.cc:101
Test Step	TS-001
Message	unexpected exception occurred! (UNKNOWN) means it was not derived from std::exception.
Expected	
Actual	(UNKNOWN)

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4-Except::e-05

Testcase	4-Except::e-05
Descript.	std::exception derived exception
File	../src/Tests.cc:106
Test Step	TS-001
Message	unexpected exception occurred!
Expected	
Actual	MyException
What	std::exception

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4-Except::e-06

Testcase	4-Except::e-06
Descript.	proprietary exception
File	../src/Tests.cc:111
Test Step	TS-001
Message	unexpected exception occurred! (UNKNOWN) means it was not derived from std::exception.
Expected	
Actual	(UNKNOWN)

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4-Except::e-07

Testcase	4-Except::e-07
Descript.	internally generated Teststep for Testcase exception failure
File	../src/Tests.cc:117
Test Step	TC-intern
Message	
Expected	NO exception
Actual	std::runtime_error
What	gone wrong

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4-Except::e-08

Testcase	4-Except::e-08
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Descript.	check for exception
File	../src/Tests.cc:123
Test Step	TS-001
Message	exceptions do NOT match
Expected	std::range_error
Actual	

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4-Except::e-09

Testcase	4-Except::e-09
Descript.	exception does not match
File	../src/Tests.cc:134
Test Step	TS-001
Message	exceptions do NOT match
Expected	std::range_error
Actual	

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