

Table Of Contents

Table Of Contents 1

MyClass - Unit Tests Results 2

 Summary 2

 FAILED testcases: 9 (42%) 2

 DISABLED testcases: 1 (4%) 2

 Test Suites 2

 Summary 2

 Suite: 1-Basic 2

 Suite: 2-Advanced 2

 Suite: 3-Big 2

 Suite: 4-Except 3

 Test result details - Failed test steps 3

 3-Big::t02 3

 4-Except::e-02 3

 4-Except::e-03 3

 4-Except::e-04 4

 4-Except::e-05 4

 4-Except::e-06 4

 4-Except::e-07 4

 4-Except::e-08 4

 4-Except::e-09 5

MyClass - Unit Tests Results

CPP11UT v0.1 © 2013
by Andreas Boerner

generation time: 2013-04-24 11:54:08 MDT
/home/andy/hg/c2/apps/utcpp11/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: 593 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	152 µs
2-Advanced	2	2	2	100	0	0	0	0	51.9 µs
3-Big	3	2	1	50	1	33.3	1	50	90.1 µs
4-Except	11	11	3	27.3	0	0	8	72.7	299 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	69 µs
t01	10.0/5.0 => 2.0	2	2	100	0	0	29.1 µs
t02	10/2 => 5	2	2	100	0	0	33.4 µs
t03	7/2 => 3.5	1	1	100	0	0	10.5 µs
t04	4/4 => 1	1	1	100	0	0	10.3 µs

[Back to top](#)

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	37.2 µs
a-02	100/5 => 200	1	1	100	0	0	14.7 µs

[Back to top](#)

Suite: 3-Big

Test Case Name	description	exec'd	OK		FAIL		Time
		test steps	#	%	#	%	s
t01	1000000/2 => 500000	1	1	100	0	0	14.6 µs
t02	some more big numbers /2	3	2	66.7	1	33.3	75.5 µs

t03	some even bigger numbers /2
-----	-----------------------------

test cases marked yellow were DISABLED !

[Back to top](#)

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	98.2 µs
e-02	div zero, don't expect exception	1	0	0	1	100	24.6 µs
e-03	test range exception	1	0	0	1	100	29.5 µs
e-04	int exception	1	0	0	1	100	20.6 µs
e-05	std::exception derived exception	1	0	0	1	100	21.6 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	22.4 µs
e-08	check for exception	2	1	50	1	50	31.5 µs
e-08a	check for exception	1	1	100	0	0	9.91 µs
e-09	exception does not match	1	0	0	1	100	11 µs
e-10	good case	1	1	100	0	0	9.62 µs

[Back to top](#)

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: 5000000000, but evaluated to 3333333248
Expected	5000000000
Actual	tc(10000000000,3) => 3333333248

[Back to top](#)

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

[Back to top](#)

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

[Back to top](#)

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)

[Back to top](#)

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

[Back to top](#)

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)

[Back to top](#)

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

[Back to top](#)

4-Except::e-08

Testcase	4-Except::e-08
----------	----------------

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

[Back to top](#)

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	

[Back to top](#)
