

Sheet1

Name	xUnit	Fixtures	Group fixtures	Generators	Mocks	Exceptions
Aeryn	No	Yes	Yes	No	No	Yes
API Sanity Checker	Yes	Yes	Yes	Yes		
ATF		(spectypes)	(spectypes)			Yes
Bandit	No (describe/it)	Yes (describe)	Yes (Nested describe)	No	No	Yes
					With additional library	
Boost Test Library	Yes[31]	Yes[32]	Yes[33]	Yes	"Turtle Mocks f	Yes
QA Systems Cantata	No	Yes	Yes	Yes	Yes	Yes
CATCH	No	Yes	Yes	Yes	No	Yes
CATCH-VC6	No	Yes	Yes	Yes	No	Yes
cfix	Yes	Yes	No	No	No	Yes
Cput	Yes	Yes	Yes	Yes		Yes
CppTest		Yes				
CppUnit	Yes	Yes	Yes	No	No	Yes
CppUTest	Yes	Yes	Yes	No	Yes	No
CppUnitLite	Yes			No	No	No
CPUnit	Yes	Yes	Yes	No	No	Yes
crpcut	No	Yes		No	No	
CUTE	Yes	Yes	No	No	Yes	Yes
cutee	No	No	No	Yes		
CxxTest	Yes	Yes	Yes	No	Yes*	Optional
Embunit	No				No	Yes
Exercisix	No	No	No	No	No	Yes
FCTX	Yes	Yes	Yes	No	No	No
Fructose	No	Yes	No	Yes	No	Yes
Google C++ Mocking Fra					Yes	No
Google Test	Yes	Yes			Yes	Yes
Hestia	Yes	Yes	Yes	No	Yes	Yes
Igloo		Yes (Contexts)	No	No	No	Yes
lest	No	No	No	No	No	Yes
liblittletest	Yes	Yes	Yes	No	No	Yes
libunittest	Yes	Yes	Yes	No	No	Yes
Typemock Isolator++	Yes				Yes	
Mockator					Yes	No
mock++/mockcpp	Yes	Yes		No	Yes	Yes
mockitopp					Yes	
mockpp	Yes	Yes		Yes	Yes	Yes
NanoCppUnit	No	Yes	Yes	No	No	No
NullUnit	Yes	Yes	Yes	No	No	Yes
OAKUT	No	No	Yes	Yes (XML)	No	Yes
Opmock	Yes	Yes	Yes	Yes	Yes	No
Parasoft C/C++test	Yes	Yes	Yes	Yes	Yes	Yes
QtTest	Yes	Yes	No	No	No	No
QuickTest	No	No	No	No	No	Yes

Sheet1

SafetyNet	Yes	Yes	No	Yes	Yes	Yes
ShortCUT	No					
STRIDE	Yes	Yes	Yes	No	Yes	Yes
Symbian OS Unit	Yes					
TBrun						
Tessy						
TEST-DOG	Yes	Yes	Yes	Yes	No	Yes
Test soon	No	Yes	Yes	Yes	No	Auto-detect
Testwell CTA++	Yes	No	No	Yes	No	Yes
tpunit++	Yes	Yes		No	No	Optional
TUT	No	No	Yes	No	No	Yes
Unit++						
unit.hpp						
UnitTest++	No	Yes	Yes		No	Yes
upp11	Yes	Yes	No	No	No	Yes
UquoniTest	Yes	Yes	Yes	No	Yes	Yes
VectorCAST/C++	No	Yes	Yes	Yes	Yes	Yes
Visual Assert	Yes	Yes	No	No	No	Yes
WinUnit						
xTests						Yes
xUnit++	Yes	Yes	Yes	Yes		Yes
Yaktest						

Macros	Templates	Grouping	Source
Yes	Yes	Yes	[49]
			[14]
Yes	Yes	Yes	[15]
Yes	No	Yes (Nested describe)	[50]
User decision	Yes	Suites	[34]
Yes	Yes	Yes	[17]
Yes	Yes	Yes	[35]
Yes	Yes	Yes	[36]
Yes	No		[51]
Yes	No	Suites	[52]
Yes		Suites	[53]
Yes	No	Suites	[37][38]
Yes	No	Suites	[21]
Yes	No	Suites	[39]
Yes	Yes	Yes	[54]
		Suites within	
Yes	Yes	Suites	[55]
		Suites	[56]
			[40]
Yes	No	Suites	[57]
			[58]
Yes	Yes	Executables	[41]
Yes	No	Yes	[59]
Yes	Yes	No	[42]
Yes	Yes		[43]
Yes	Yes		[44]
Yes	Yes	Suites	[45]
		Yes (nested contexts)	
Yes	Yes		[60]
Yes	Yes	No	[46]
Yes	Yes	Yes	[61]
Yes	Yes	Yes	[62]
Yes	Yes		
Yes	Yes		[47]
Yes	Yes	Suites	[48]
			[49]
Yes	Yes	Suites	[63]
Yes	Yes	Suites	[50]
Yes	Yes	Suites	[51]
Yes	Yes	XML	[52]
Yes	No	Yes	[28]
Yes	Yes	Yes	[16]
No	No		[53]
Yes	Yes	No	[64]

Sheet1

Yes	No	No	[65]
		Yes	[54]
Yes	Yes	Yes	[66]
			[67]
			[55]
			[30]
Yes	No	Suites	[56]
		Macro	
Yes	Yes	(namespaces)	[68]
Yes	Yes		[57]
Yes	Yes		[58]
Yes	Yes	Templates	[69]
			[70]
			[71]
Yes	Yes	Suites	[72]
Yes	Yes	Yes	[73]
Yes	Yes	Yes	[59]
Yes	Yes	Yes	[74]
Yes	No		[75]
			[76]
Yes			[77]
Yes		Yes	
(Test setup		(Suites and	
only)	Yes	Attributes)	[60]
			[78]