
Add a testsuite in your own header/code file

Posted by iame - 2009/09/02 11:27

i want to add my testsuite in my own header/code file to project. The tutorial document say:

If you add a new test suite to your project (e.g. TestNewSuite.ccp,.h) in its own code and header file then you must update the test runner build file testgen.bat to include the new suite header filename:-

```
perl -S ..\..\cxxtestgen.pl -o TestDriver.h TestHeader.h TestNewSuite.h
```

and also the ExtraTestBuildTasks.bldmake file:-

```
$(INCDIR)\testdriver.h: $(INCDIR)\TestHeader.h:$(INCDIR)\TestNewSuite.h
```

but i can't find the correct line in ExtraTestBuildTasks.bldmake file, the content of my file is:

...

```
INCDIR=..\test
```

```
TESTDRIVER_FILE=$(INCDIR)\testdriver.h  
MAKEFILE : $(TESTDRIVER_FILE)
```

```
$(TESTDRIVER_FILE): $(INCDIR)\TestHeader.h  
pushd . & cd $(INCDIR) & testgen.bat & popd
```

...

where should i put my "TestNewSuite.h" to ?

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Re:Add a testsuite in your own header/code file

Posted by Maze - 2009/09/24 10:12

Not quite sure what your problem is. you say:

but i can't find the correct line in ExtraTestBuildTasks.bldmake file, the content of my file is:

QUOTE:

...

```
INCDIR=..\test
```

```
TESTDRIVER_FILE=$(INCDIR)\testdriver.h  
MAKEFILE : $(TESTDRIVER_FILE)
```

```
$(TESTDRIVER_FILE): $(INCDIR)\TestHeader.h  
pushd . & cd $(INCDIR) & testgen.bat & popd
```

The above line (highlighted in bold) is the one. You will have to add your file(s) there, e.g. extend the line with \$(INCDIR)\TestNewSuite.h

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Re:Add a testsuite in your own header/code file

Posted by RikRah - 2010/03/25 15:07

Hi to all.

I've got a problem in adding a new test suite to my project.

I've followed the tutorial, i've added a new class (header and source files) and I've modified testgen.bat script and the ExtraTestBuildTask.bldmake.

Anyway, Carbide shows two errors:

```
'CxxTest::TestListenerProxy::failedTest(const char *, const char *, unsigned int, const char *)' (non-static)
function call '.failedTest({lval} const char, int, char *)' does not match
```

These errors underline every TS_ASSERT's macro that I use in the new test suite, but the old one works in the right way.

What have I to do?

Thanks to all.

Re:Add a testsuite in your own header/code file

Posted by Maze - 2010/03/26 08:52

It is quite difficult to help you without seeing the code. But it seems you are calling the ASSERT with the wrong amount of arguments:

It should be:

```
(const char *, const char *, unsigned int, const char *)
```

But you only have:

```
(const char *, int, char *)
```

Thus, you are missing the second argument. If you provide your test file (preferably illustrating just the problem) it would be easier to see what's going wrong.

/Maze

Re:Add a testsuite in your own header/code file

Posted by RikRah - 2010/03/26 13:24

Thanks for your reply.

I solved the problem, but sincerely I don't know how. I've repeated every step I made yesterday and now it works. I report these steps here.

I wrote a class in the TestHeader.h and the source in the TestSource.cpp. This 'default' test works in the right way.

Then, I wanted to add a new test suite in a different file.

I wrote a new header file, that I called Test2.h and a new source file, that I called Test2.cpp.

here the complete code of the two files:

```
//HEADER FILE
```

```
/*
```

```
* Test2.h
```

```
*
```

```
* Created on: 26-mar-2010
```

```
* Author: Ricky
```

```
*/
```

```

#ifndef TEST2_H_
#define TEST2_H_

#include "TestSuite.h"

class CTest2 : public CxxTest::TestSuite
{
public:
    CTest2(const TDesC8& aSuiteName):CxxTest::TestSuite(aSuiteName){}
private:
    void setUp();
    void tearDown();
public:
    void testDummyTest();
};

#endif /* TEST2_H_ */

//SOURCE FILE
/*
 * Test2.cpp
 *
 * Created on: 26-mar-2010
 * Author: Ricky
 */

#include "Test2.h"
#include "TestDriver.h"
#include "Logger"

void CTest2::setUp()
{
}

void CTest2::tearDown()
{
}

void CTest2::testDummyTest()
{
    TS_ASSERT(ETTrue);
}

```

Then, I edited the perl script by adding:

Test2.h

and I edited the ExtraTestBuildTasks.bldmake by adding

\$(INCDIR)\Test2.cpp

Yesterday, After these steps, I saw the errors. But today it works...
 I don't know why, it work. Anyway, thanks for your availability.
 -Ricky

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Re:Add a testsuite in your own header/code file

Posted by Maze - 2010/03/26 13:29

You're welcome

Probably there was some minor error and sleeping over it solved it... Great that it works now :-)

/Maze

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Re:Add a testsuite in your own header/code file

Posted by seller - 2011/08/24 01:59

unbreak my heart Cabal Online Alz, do not leave me out in the rain Cabal Gold, come back and bring back my smile buy Cabal Alz, come and take these tears away, I need your arms to hold me now.

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5kiPWSQT

Posted by rslifE01 - 2011/10/12 04:02

A man walks into the front door of wow gold a bar. He is obviously drunk. he buy wow gold staggers up to the bar, seats himself rs gold for sale on a stool, and with a belch, buy runescape gold asks the bartender for a drink. The runescape gold bartender politely informs the man that it rift buy platinum appears that he has already had plenty cheap wow gold drunk staggers into a catholic church, enters rift platinum a confessional box, sits down but says runescape cheap gold nothing. the priest coughs a few times to get his attention but the drunk just sits there. finally, the priest pounds three times on the wall. the drunk mumbles, "ain't no use knockin, there's no paper on this side either".