Subject: Re: problem with compilation/linking - Duplicate .cpp file in single package
Posted by Zardos on Tue, 18 Sep 2007 19:40:49 GMT
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Well, if it is all about a Unittest package you can probably write one which would fit perfectly into U++.

I have attached a zip-file containing 3 files. UTest.cpp, UTest.h and _Test_.cpp

Test.cpp shows an example how to use it.

Basically there are:

UTest(testname) {
}

UModule(modulename) {

  int var1;
  XY *xy;

  UInit(modulename) { // Initialize a module
    xy = new XY;
  }

  UTerm(modulename) { // Terminate a module
    delete xy;
  }

  ... following UTest(..) "functions" probably using var1 and xy
}

// to be used inside UTest(...)
UCheck(expression) // checks if an expression evaluates to true (ASSERT for UTest)

UExcept(ExectionClass, functioncall) // checks if an exception is thrown

UTiming(seconds) {// checks if a function executes in a given time
  // Block which gets messured
}

These files work not out of the box with U++!!!!

You have to rewrite some functions with the U++ classes and functions. But all in all it's just 160 lines... So it can probably done in 20 minutes.

Basically replace Vec with Vector. replace the foreach(e, c) loops with the U++ style iteration:

for(int i = 0, i < ...). Change the Logging functions: Err/Inf to the U++ logging functions and finally replace the Timing class Timer with the U++ version.

Ahh and you have to call RunUTests() somewhere

If I have a little bit time tomorrow I can do it for you. I'm currently just playing around with some other stuff, so it's not in U++ this time.

File Attachments

1) UTest.zip, downloaded 351 times