

Test.cpp

```
1 #include "cute.h"
2 #include "ide_listener.h"
3 #include "xml_listener.h"
4 #include "cute_runner.h"
5 #include "StringUtils.h"
6 #include <exception>
7
8
9 void stringReverseTest() {
10  ASSERT_EQUAL( "", StringUtils::reverse( "" ) );
11  ASSERT_EQUAL( "a", StringUtils::reverse( "a" ) );
12  ASSERT_EQUAL( "a", StringUtils::reverse( "b" ) );
13  ASSERT_EQUAL( "cba", StringUtils::reverse( "abc" ) );
14  ASSERT_EQUAL( "zyxwvutsrqponmlkjihgfedcba",
15              StringUtils::reverse( "abcdefghijklmnopqrstuvwxy" ) );
16 }
17
18 void stringReverseExceptionTest() {
19  ASSERT_THROWS( StringUtils::reverse( nullptr ), std::logic_error );
20 }
21
22 void runAllTests(int argc, char const *argv[]){
23  cute::suite s {};
24
25  s.push_back(CUTE(stringReverseTest));
26  s.push_back(CUTE(stringReverseExceptionTest));
27  cute::xml_file_opener xmlfile(argc,argv);
28  cute::xml_listener<cute::ide_listener<> > lis(xmlfile.out);
29  cute::makeRunner(lis,argc,argv)(s, "AllTests");
30 }
31
32 int main(int argc, char const *argv[]){
33  runAllTests(argc,argv);
34
35  /**
36  try {
37    StringUtils::reverse( nullptr );
38  } catch(std::logic_error& e)
39  {
40    std::cerr << "exception caught: " << e.what() << '\n';
41  }
42  ***/
43
44  return 0;
45 }
46
47
48
49
```