

DELTAFORCETESTDRIVENDEVELOPMENT
CPSC2720PROJECT

Generated by Doxygen 1.6.1

Mon Apr 18 23:47:40 2016

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Chapter 1

Bug List

File [AllegroTest.cc](#) No known bugs.

File [AllegroTest.h](#) No known bugs.

File [collisiontests.h](#) No known bugs.

File [mainTest.cc](#) No known bugs.

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

CollisionTests	7
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Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

AllegroTest.cc (Implementation of the AllegroTest program)	9
AllegroTest.h (Definition of the AllegroTest program)	10
collisiontests.h (A test driven development method to run some tests on the Delta Force game) .	11
mainTest.cc (This is the main function for the Test driven development method)	12

Chapter 4

Class Documentation

4.1 CollisionTests Class Reference

```
#include <collisiontests.h>
```

Public Member Functions

- [CPPUNIT_TEST_SUITE](#) ([CollisionTests](#))
- [CPPUNIT_TEST](#) ([collisiontest](#))
- [CPPUNIT_TEST](#) ([collisiontest1](#))
- [CPPUNIT_TEST](#) ([bulletcollisiontest](#))
- [CPPUNIT_TEST](#) ([bulletcollisiontest1](#))
- [CPPUNIT_TEST_SUITE_END](#) ()
- void [collisiontest](#) ()
- void [collisiontest1](#) ()
- void [bulletcollisiontest](#) ()
- void [bulletcollisiontest1](#) ()

4.1.1 Member Function Documentation

4.1.1.1 void CollisionTests::bulletcollisiontest () [inline]

4.1.1.2 void CollisionTests::bulletcollisiontest1 () [inline]

4.1.1.3 void CollisionTests::collisiontest () [inline]

4.1.1.4 void CollisionTests::collisiontest1 () [inline]

4.1.1.5 CollisionTests::CPPUNIT_TEST (bulletcollisiontest1)

4.1.1.6 CollisionTests::CPPUNIT_TEST (bulletcollisiontest)

4.1.1.7 CollisionTests::CPPUNIT_TEST (collisiontest1)

4.1.1.8 CollisionTests::CPPUNIT_TEST (collisiontest)

4.1.1.9 CollisionTests::CPPUNIT_TEST_SUITE (CollisionTests)

4.1.1.10 CollisionTests::CPPUNIT_TEST_SUITE_END ()

The documentation for this class was generated from the following file:

- [collisiontests.h](#)

Chapter 5

File Documentation

5.1 AllegroTest.cc File Reference

Implementation of the AllegroTest program. `#include "AllegroTest.h"`

Functions

- bool [collision](#) (int x1, int y1, int x2, int y2, int a, int b, int c, int d)
- bool [collision1](#) (int x1, int y1, int x2, int y2, int a, int b, int c, int d)

5.1.1 Detailed Description

Implementation of the AllegroTest program. This contains the implementation of the functions of the AllegroTest program to be used to generate test cases.

Author:

Wang Kangning, Jefferson Sylva-Iriogbe and Yuhai Shi.

Bug

No known bugs.

5.1.2 Function Documentation

5.1.2.1 bool `collision` (int *x1*, int *y1*, int *x2*, int *y2*, int *a*, int *b*, int *c*, int *d*)

5.1.2.2 bool `collision1` (int *x1*, int *y1*, int *x2*, int *y2*, int *a*, int *b*, int *c*, int *d*)

5.2 AllegroTest.h File Reference

Definition of the AllegroTest program. `#include <iostream>`

Functions

- bool [collision](#) (int, int, int, int, int, int, int, int)
- bool [collision1](#) (int, int, int, int, int a, int b, int c, int d)

5.2.1 Detailed Description

Definition of the AllegroTest program. This contains the functions of the AllegroTest program to be used in generating test cases.

Author:

Wang Kangning, Jefferson Sylva-Iriogbe and Yuhai Shi.

Bug

No known bugs.

5.2.2 Function Documentation

5.2.2.1 bool [collision](#) (int, int, int, int, int, int, int, int)

5.2.2.2 bool [collision1](#) (int, int, int, int, int *a*, int *b*, int *c*, int *d*)

5.3 collisiontests.h File Reference

A test driven development method to run some tests on the Delta Force game. #include <iostream>
#include <cppunit/TestFixture.h>
#include <cppunit/extensions/HelperMacros.h>
#include <cppunit/ui/text/TestRunner.h>
#include "AllegroTest.h"

Classes

- class [CollisionTests](#)

5.3.1 Detailed Description

A test driven development method to run some tests on the Delta Force game. This contains various tests to check for the two types of collisions in the delta force game

Author:

Wang Kangning, Jefferson Sylva-Iriogbe and Yuhai Shi.

Bug

No known bugs.

5.4 mainTest.cc File Reference

This is the main function for the Test driven development method. `#include <iostream>`

`#include <cppunit/TestFixture.h>`

`#include <cppunit/extensions/HelperMacros.h>`

`#include <cppunit/ui/text/TestRunner.h>`

`#include "collisiontests.h"`

Functions

- `int main ()`

5.4.1 Detailed Description

This is the main function for the Test driven development method.

Author:

Wang Kangning, Jefferson Sylva-Iriogbe and Yuhai Shi.

Bug

No known bugs.

5.4.2 Function Documentation

5.4.2.1 `int main ()`

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