My Project

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Contents

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

- BankConsoleUICPP . . . ??
- BankCPP . . . ??
- CmToInchConsoleUICPP . . . ??
- CmToInchCPP . . . ??
- exception
  - MoreThanHundred . . . ??
  - UnderNullExceptionCm . . . ??
  - UnderNullExceptionH . . . ??
  - UnderNullExceptionSumma . . . ??
  - UnderNullExceptionW . . . ??
- HomeConsoleUICPP . . . ??
- LibCPP . . . ??
- MatrixConsoleUICPP . . . ??
- MatrixCPP . . . ??
- Node . . . ??
- QObject
  - TestCPPTest . . . ??
  - TestTest . . . ??
- Rectangle . . . ??
- Set . . . ??
- Size . . . ??
- StringsConsoleUICPP . . . ??
- StringsCPP . . . ??

Chapter 2

Class Index

2.1 Class List

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

BankConsoleUICPP . . . . . ??
BankCPP . . . . . ??
CmToInchConsoleUICPP . . . . . ??
CmToInchCPP . . . . . ??
HomeConsoleUICPP . . . . . ??
LibCPP . . . . . ??
MatrixConsoleUICPP . . . . . ??
MatrixCPP . . . . . ??
MoreThanHundred . . . . . ??
Node . . . . . ??
Rectangle . . . . . ??
Set . . . . . ??
Size . . . . . ??
StringsConsoleUICPP . . . . . ??
StringsCPP . . . . . ??
TestCPPTest . . . . . ??
TestTest . . . . . ??
UnderNullExceptionCm . . . . . ??
UnderNullExceptionH . . . . . ??
UnderNullExceptionSumma . . . . . ??
UnderNullExceptionW . . . . . ??

Chapter 3

Class Documentation

3.1 BankConsoleUICPP Class Reference

Public Member Functions

- void **doWork** ()

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

- appCPP/bankconsoleuicpp.h
- appCPP/bankconsoleuicpp.cpp

3.2 BankCPP Class Reference

Static Public Member Functions

- static double **compoundInterest** (double, double)

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

- libCPP/bankcpp.h
- libCPP/bankcpp.cpp

3.3 CmToInchConsoleUICPP Class Reference

Public Member Functions

- void **doWork** ()

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

- appCPP/cmtoinchconsoleuicpp.h
- appCPP/cmtoinchconsoleuicpp.cpp

3.4 CmToInchCPP Class Reference

Static Public Member Functions

- static double **cm_to_inch** (double)
- static double **inch_to_cm** (double)

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

- libCPP/cmtoinchcpp.h
- libCPP/cmtoinchcpp.cpp

3.5 HomeConsoleUICPP Class Reference

Public Member Functions

- void **doWork** ()

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

- appCPP/homeconsoleuicpp.h
- appCPP/homeconsoleuicpp.cpp

3.6 LibCPP Class Reference

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

- libCPP/libcpp.h

3.7 MatrixConsoleUICPP Class Reference

Public Member Functions

- void **doWork** (char *, char *)
- void **printMatrix** (MatrixCPP)

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

- appCPP/matrixconsoleuicpp.h
- appCPP/matrixconsoleuicpp.cpp

3.8 MatrixCPP Class Reference

Public Member Functions

- **MatrixCPP** (int height, int width)
- int **getCell** (int y, int x)
- int **getHeight** ()
- int **getWidth** ()

Friends

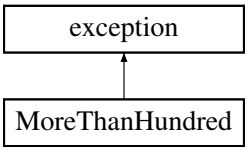
- ostream & **operator**<< (ostream &os, MatrixCPP &matrix)

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

- libCPP/matrixcpp.h
- libCPP/matrixcpp.cpp

3.9 MoreThanHundred Class Reference

Inheritance diagram for MoreThanHundred:



Public Member Functions

- **MoreThanHundred** (const int percent)
- int **GetPercent** () const

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

- libCPP/exception.h

3.10 Node Class Reference

Public Member Functions

- **Node** (int)
- **Node** (int, Node *)
- void **setData** (int data)
- void **setNext** (Node *next)
- int **getData** ()
- Node * **getNext** ()

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

- set/node.h
- set/node.cpp

3.11 Rectangle Class Reference

Public Member Functions

- **Rectangle** (const double width, const double height)
- int **getWidth** ()

- void **setWidth** (const double width)
- int **getHeight** ()
- void **setHeight** (const double height)
- bool **canInsert** (Rectangle, Rectangle)

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

- libCPP/rectangle.h
- libCPP/rectangle.cpp

3.12 Set Class Reference

Public Member Functions

- **Set** (const Set &source)
- void **add** (int)
- void **add** (Set)
- bool **contains** (int)
- bool **contains** (Set)
- Set **copy** (Set)
- Set **intersect** (Set s)
- int **count** ()
- bool **isEmpty** ()

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

- set/set.h
- set/set.cpp

3.13 Size Struct Reference

Public Attributes

- double **width**
- double **height**

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

- lib/home.h

3.14 StringsConsoleUICPP Class Reference

Public Member Functions

- void **doWork** ()

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

- appCPP/stringsconsoleuicpp.h
- appCPP/stringsconsoleuicpp.cpp

3.15 StringsCPP Class Reference

Static Public Member Functions

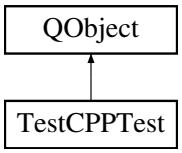
- static void **spread_text** (string ∗text, int lines)

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

- libCPP/stringscpp.h
- libCPP/stringscpp.cpp

3.16 TestCPPTest Class Reference

Inheritance diagram for TestCPPTest:

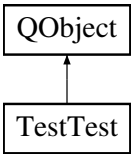


The documentation for this class was generated from the following file:

- testCPP/tst_testcpptest.cpp

3.17 TestTest Class Reference

Inheritance diagram for TestTest:

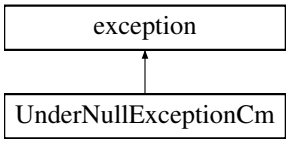


The documentation for this class was generated from the following file:

- test/tst_testtest.cpp

3.18 UnderNullExceptionCm Class Reference

Inheritance diagram for UnderNullExceptionCm:



Public Member Functions

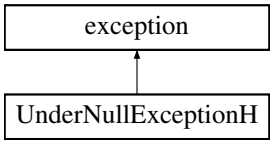
- **UnderNullExceptionCm** (const int cm)
- int **GetCm** () const

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

- libCPP/exception.h

3.19 UnderNullExceptionH Class Reference

Inheritance diagram for UnderNullExceptionH:



Public Member Functions

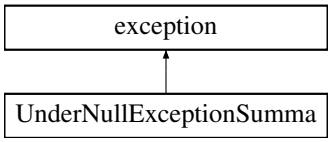
- **UnderNullExceptionH** (const int height)
- int **GetHeight** () const

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

- libCPP/exception.h

3.20 UnderNullExceptionSumma Class Reference

Inheritance diagram for UnderNullExceptionSumma:



Public Member Functions

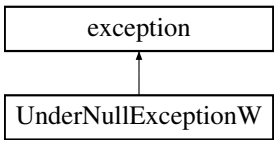
- **UnderNullExceptionSumma** (const int summa)
- int **GetSumma** () const

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

- libCPP/exception.h

3.21 UnderNullExceptionW Class Reference

Inheritance diagram for UnderNullExceptionW:



Public Member Functions

- **UnderNullExceptionW** (const int width)
- int **GetWidth** () const

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

- libCPP/exception.h