My Project

Generated by Doxygen 1.8.13

Contents

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

Chapter 2

Class Index

2.1 Class List

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

Chapter 3

Class Documentation

3.1 binary< N > Struct Template Reference

Static Public Attributes

- static unsigned const **value**

3.1.1 Member Data Documentation

3.1.1.1 value

```
template<unsigned long N>
unsigned const binary< N >::value  [static]
```

Initial value:

```
= binary<N/10>::value << 1
                | N%10
```

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/Metaprogramming1.cxx

3.2 binary< 0 > Struct Template Reference

Static Public Attributes

- static unsigned const **value** = 0

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/Metaprogramming1.cxx

3.3 Distance Class Reference

Public Member Functions

- **Distance** (int f, int i)
- Distance **operator()** (int a, int b, int c)
- void **displayDistance** ()

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/ManagingThreads1.cxx

3.4 func Struct Reference

Public Member Functions

- **func** (int &i_)
- void **operator()** ()
- **func** (int &i_)
- void **operator()** ()

Public Attributes

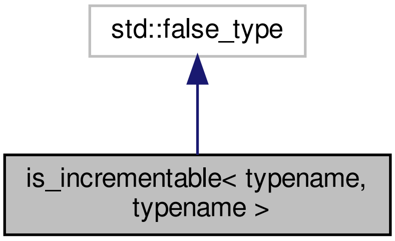
- int & **i**

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

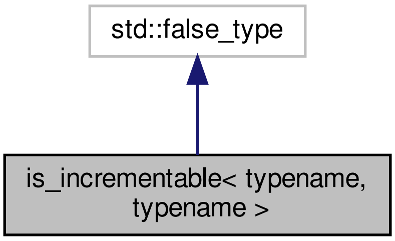
- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/ManagingThreads1.cxx
- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/SYN_thread1.cxx

3.5 is_incrementable< typename, typename > Struct Template Reference

Inheritance diagram for is_incrementable< typename, typename >:



Collaboration diagram for is_incrementable< typename, typename >:

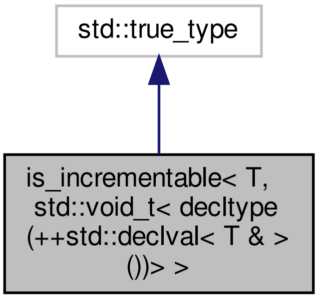


The documentation for this struct was generated from the following file:

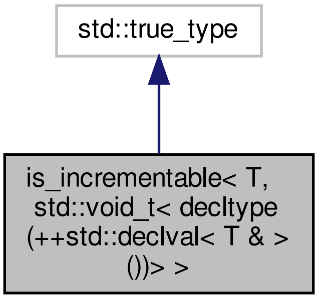
- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/Metaprogramming1.cxx

3.6 is_incrementable< T, std::void_t< decltype(++std::declval< T & >())> > Struct Template Reference

Inheritance diagram for is_incrementable< T, std::void_t< decltype(++std::declval< T & >())> >:


std::true_type
is_incrementable< T, std::void_t< decltype (++std::declval< T & > ())> >

Collaboration diagram for is_incrementable< T, std::void_t< decltype(++std::declval< T & >())> >:


std::true_type
is_incrementable< T, std::void_t< decltype (++std::declval< T & > ())> >

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/Metaprogramming1.cxx

3.7 less< T > Struct Template Reference

Public Member Functions

- bool **operator()** (T a, T b) const
- bool **operator()** (T a, T b) const

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/Metaprogramming2.cxx

3.8 thread_guard Class Reference

Public Member Functions

- **thread_guard** (std::thread &t_)

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

- /home/oohnohnoh1/Desktop/GIT/Research/Pthreads_work/ManagingThreads1.cxx

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