Algo

Generated by Doxygen 1.8.4

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Chapter 1

Class Index

1.1 Class List

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

Chapter 2

Class Documentation

2.1 bst Class Reference

Public Member Functions

- **bst** (int *p, int *q)
- **bst** (int *p, int size)
- **bst** (const vector< int > &v)
- void **insert** (int n)
- void **insert** (int *p, int *q)
- void **insert** (int *p, int size)
- void **insert** (const vector< int > &v)
- vector< int > **walk** (WALKORDER wo, bool norecursive=true) const
- void **nullify** ()
- size_t **height** ()
- size_t **height_min** ()
- size_t **height_max** ()
- size_t **inbalance** ()

Static Public Member Functions

- static bool **isBST** (const bst &t)
- static WALKORDER **getOrder** (const vector< int > &v)

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

- bst.h
- bst.cpp

2.2 bstnode Struct Reference

Collaboration diagram for bstnode:

Public Member Functions

- **bstnode** (int n)

Public Attributes

- bstnode * **l**
- bstnode * **r**
- int **d**
- short **color**

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

- bst.h

2.3 dlist Class Reference

Public Member Functions

- dlist_node * **end** ()
- dlist_node * **begin** ()
- size_t **size** ()
- void **push_front** (int n)
- void **push_end** (int n)
- void **reverse** ()

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

- dlist.h

2.4 dlist_node Struct Reference

Collaboration diagram for dlist_node:

Public Member Functions

- **dlist_node** (int n)

Public Attributes

- int **d**
- dlist_node * **next**
- dlist_node * **prev**

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

- dlist.h

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