Benchmark

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Chapter 1

Class Index

1.1 Class List

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

benchmark 5

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

main.cpp 7
spine.h 7

Chapter 3

Class Documentation

3.1 benchmark Class Reference

`#include <spine.h>`

Public Member Functions

- void file (string, bool)
- string generate_data (int, bool)
- void test (list< int >, int, int, int, bool)
- benchmark (int, bool)
- ~benchmark ()

3.1.1 Detailed Description

Definition at line 11 of file spine.h.

3.1.2 Constructor & Destructor Documentation

3.1.2.1 benchmark::benchmark (int *array_size,* bool *Debug_Mode*)

Definition at line 28 of file spine.h.

3.1.2.2 benchmark::~benchmark ( )

Definition at line 23 of file spine.h.

3.1.3 Member Function Documentation

3.1.3.1 void benchmark::file (string *filename,* bool *Debug_Mode*)

Definition at line 65 of file spine.h.

3.1.3.2 string benchmark::generate_data (int *array_size,* bool *Debug_Mode*)

Definition at line 37 of file spine.h.

3.1.3.3 void benchmark::test (list< int > *lista*, int *initial*, int *steps*, int *repetitions*, bool *Debug_Mode*)

Definition at line 109 of file spine.h.

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

- spine.h

Chapter 4

File Documentation

4.1 main.cpp File Reference

```
#include <iostream>
#include <cstdlib>
#include <fstream>
#include <string>
#include <list>
#include <ctime>
#include <windows.h>
#include "spine.h"
```

Functions

- int main ()

4.1.1 Function Documentation

4.1.1.1 int main ( )

Definition at line 13 of file main.cpp.

4.2 spine.h File Reference

```
#include <iostream>
#include <cstdlib>
#include <fstream>
#include <string>
#include <list>
#include <ctime>
#include <windows.h>
```

Classes

- class benchmark

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