

Benchmark

1.0 tailored

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# Contents



# Chapter 1

## Class Index

### 1.1 Class List

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

<b>benchmark</b>	.....	<b>??</b>
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## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

<b>main.cpp</b>	.....	<b>??</b>
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## Chapter 3

# Class Documentation

### 3.1 benchmark Class Reference

#### Public Member Functions

- void **file** (string)
- string **generate\_data** (int)
- void **test** (list< int >, int, int, int)
- int **getdatapiece** (int)
- void **resize\_array** (int)
- **benchmark** (int)
- **~benchmark** ()

#### 3.1.1 Constructor & Destructor Documentation

3.1.1.1 **benchmark::benchmark** ( int *array\_size* )

3.1.1.2 **benchmark::~~benchmark** ( )

#### 3.1.2 Member Function Documentation

3.1.2.1 void **benchmark::file** ( string *filename* )

3.1.2.2 string **benchmark::generate\_data** ( int *array\_size* )

3.1.2.3 int **benchmark::getdatapiece** ( int )

3.1.2.4 void **benchmark::resize\_array** ( int *array\_size* )

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

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

- **main.cpp**



## 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>
```

#### Classes

- class **benchmark**

#### Functions

- int **main** ()

#### 4.1.1 Function Documentation

##### 4.1.1.1 int main ( )

