

# List

1.2

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# Chapter 1

## Class Index

### 1.1 Class List

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

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<a href="#">cell</a>	.....	5
<a href="#">dllist</a>	.....	6



## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

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## 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](#) (dllist \*, int, int, int, bool)
- [benchmark](#) (int, bool)
- [~benchmark](#) ()

#### 3.1.1 Constructor & Destructor Documentation

3.1.1.1 [benchmark::benchmark](#) ( int *array\_size*, bool *Debug\_Mode* )

3.1.1.2 [benchmark::~~benchmark](#) ( )

#### 3.1.2 Member Function Documentation

3.1.2.1 void [benchmark::file](#) ( string *filename*, bool *Debug\_Mode* )

3.1.2.2 string [benchmark::generate\\_data](#) ( int *array\_size*, bool *Debug\_Mode* )

3.1.2.3 void [benchmark::test](#) ( dllist \* *lista*, int *initial*, int *steps*, int *repetitions*, bool *Debug\_Mode* )

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

- D:/STUDIA/PAMiSI/209226/Struktury Danych/repared/list/[spine.h](#)

### 3.2 cell Class Reference

```
#include <cell.h>
```

## Public Member Functions

- void [set\\_value](#) (int value)
- int [get\\_value](#) ()
- void [set\\_next](#) ([cell](#) \*next)
- void [set\\_prev](#) ([cell](#) \*prev)
- [cell](#) \* [get\\_next](#) ()
- [cell](#) \* [get\\_prev](#) ()
- [cell](#) (int value)
- [~cell](#) ()

### 3.2.1 Constructor & Destructor Documentation

3.2.1.1 [cell::cell](#) ( int *value* )

3.2.1.2 [cell::~cell](#) ( )

### 3.2.2 Member Function Documentation

3.2.2.1 [cell](#) \* [cell::get\\_next](#) ( )

3.2.2.2 [cell](#) \* [cell::get\\_prev](#) ( )

3.2.2.3 int [cell::get\\_value](#) ( )

3.2.2.4 void [cell::set\\_next](#) ( [cell](#) \* *next* )

3.2.2.5 void [cell::set\\_prev](#) ( [cell](#) \* *prev* )

3.2.2.6 void [cell::set\\_value](#) ( int *value* )

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

- D:/STUDIA/PAMiSI/209226/Struktury Danych/repared/list/[cell.h](#)

## 3.3 dllist Class Reference

```
#include <list2.h>
```

## Public Member Functions

- void [append](#) ([cell](#) \*other)
- int [add](#) ([cell](#) \*other, int where)
- [cell](#) \* [get\\_list](#) ()
- void [set\\_list](#) ([cell](#) \*new\_first)
- void [print\\_list](#) ()
- int [delete\\_cell](#) (int index)
- void [pop](#) ()
- [dllist](#) ()
- [~dllist](#) ()

### 3.3.1 Constructor & Destructor Documentation

3.3.1.1 `dllist::dllist ( )`

3.3.1.2 `dllist::~~dllist ( )`

### 3.3.2 Member Function Documentation

3.3.2.1 `int dllist::add ( cell * other, int where )`

3.3.2.2 `void dllist::append ( cell * other )`

3.3.2.3 `int dllist::delete_cell ( int index )`

3.3.2.4 `cell * dllist::get_list ( )`

3.3.2.5 `void dllist::pop ( )`

3.3.2.6 `void dllist::print_list ( )`

3.3.2.7 `void dllist::set_list ( cell * new_first )`

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

- `D:/STUDIA/PAMiSI/209226/Struktury Danych/repared/list/list2.h`



## Chapter 4

# File Documentation

### 4.1 D:/STUDIA/PAMiSI/209226/Struktury Danych/repaired/list/cell.h File Reference

```
#include <iostream>
#include <math.h>
```

#### Classes

- class [cell](#)

### 4.2 D:/STUDIA/PAMiSI/209226/Struktury Danych/repaired/list/list2.h File Reference

```
#include <iostream>
#include <math.h>
#include "cell.h"
```

#### Classes

- class [dlist](#)

#### Macros

- `#define` [LIST2H](#)

#### 4.2.1 Macro Definition Documentation

##### 4.2.1.1 `#define` LIST2H

### 4.3 D:/STUDIA/PAMiSI/209226/Struktury Danych/repaired/list/main.cpp File Reference

```
#include <iostream>
#include <cstdlib>
#include <fstream>
#include <string>
#include "list2.h"
#include "cell.h"
#include <ctime>
#include <windows.h>
#include "spine.h"
```

#### Functions

- int [main](#) ()

#### 4.3.1 Function Documentation

##### 4.3.1.1 int main ( )

### 4.4 D:/STUDIA/PAMiSI/209226/Struktury Danych/repaired/list/spine.h File Reference

```
#include <iostream>
#include <cstdlib>
#include <fstream>
#include <string>
#include "list2.h"
#include "Cell.h"
#include <ctime>
#include <windows.h>
```

#### Classes

- class [benchmark](#)

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