My Project

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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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Klasa tablica 5

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

tablice_alg_1.cpp 9
tablice_alg_2.cpp 9
tablice_alg_3.cpp 10
time.cpp 10

Chapter 3

Class Documentation

3.1 Arr Class Reference

Klasa tablica.

Public Member Functions

- void **add_num** (int number)
- **Arr** (int a)
- ∼**Arr** ()
- void **add_num** (int number)
- **Arr** (int a)
- ∼**Arr** ()
- void **add_num** (int number)
- **Arr** (int a)
- ∼**Arr** ()

Private Attributes

- int ∗ **arr** = NULL
- int **counter** = 0
- int **second_counter** =0

3.1.1 Detailed Description

Klasa tablica.

Zawiera metodę powiększającą tablicę o 1 w przypadku każdego przepełnienia.

Zawiera metodę powiększającą tablicę dwukrotnie w przypadku każdego przepełnienia.

Zawiera metodę powiększającą tablicę o 100 w przypadku każdego przepełnienia.

Definition at line 15 of file tablice_alg_1.cpp.

3.1.2 Constructor & Destructor Documentation

3.1.2.1 Arr::Arr (int *a*)

Definition at line 36 of file tablice_alg_1.cpp.

3.1.2.2 Arr::∼Arr ( )

Definition at line 45 of file tablice_alg_1.cpp.

3.1.2.3 Arr::Arr (int *a*)

3.1.2.4 Arr::∼Arr ( )

3.1.2.5 Arr::Arr (int *a*)

3.1.2.6 Arr::∼Arr ( )

3.1.3 Member Function Documentation

3.1.3.1 void Arr::add_num (int *number*)

Funkcja dodaje liczbe do tablicy. W przypadku przepełnienia zwiększa rozmiar o 1.

Parameters

in	*liczba*	typu int

Definition at line 51 of file tablice_alg_1.cpp.

3.1.3.2 void Arr::add_num (int *number*)

Funkcja dodaje liczbe do tablicy. W przypadku przepełnienia zwiększa rozmiar o 100.

Parameters

in	*liczba*	typu int

3.1.3.3 void Arr::add_num (int *number*)

Funkcja dodaje liczbe do tablicy. W przypadku przepełnienia zwiększa rozmiar dwukrotnie.

Parameters

in	*liczba*	typu int

3.1.4 Member Data Documentation

3.1.4.1 int ∗ Arr::arr = NULL [private]

Wskaźnik na miejsce w pamięci dla tablicy

Definition at line 18 of file tablice_alg_1.cpp.

3.1.4.2 int Arr::counter = 0 [private]

Licznik miejsca

Definition at line 19 of file tablice_alg_1.cpp.

3.1.4.3 int Arr::second_counter =0 [private]

Pomocniczy licznik miejsca

Definition at line 20 of file tablice_alg_2.cpp.

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

- **tablice_alg_1.cpp**
- **tablice_alg_2.cpp**
- **tablice_alg_3.cpp**

Chapter 4

File Documentation

4.1 tablice_alg_1.cpp File Reference

```
#include <iostream>
#include <sys/time.h>
```

Classes

- class **Arr**

  Klasa tablica.

Functions

- long double **get_ms_time** ()
- int **main** ()

4.1.1 Function Documentation

4.1.1.1 long double get_ms_time ( )

Definition at line 75 of file tablice_alg_1.cpp.

4.1.1.2 int main ( )

Definition at line 85 of file tablice_alg_1.cpp.

4.2 tablice_alg_2.cpp File Reference

```
#include <iostream>
#include <sys/time.h>
```

Classes

- class **Arr**

Klasa tablica.

Functions

- long double **get_ms_time** ()
- int **main** ()

4.2.1 Function Documentation

4.2.1.1 long double get_ms_time ( )

Definition at line 76 of file tablice_alg_2.cpp.

4.2.1.2 int main ( )

Definition at line 86 of file tablice_alg_2.cpp.

4.3 tablice_alg_3.cpp File Reference

```
#include <iostream>
#include <sys/time.h>
```

Classes

- class **Arr**

  Klasa tablica.

Functions

- long double **get_ms_time** ()
- int **main** ()

4.3.1 Function Documentation

4.3.1.1 long double get_ms_time ( )

Definition at line 77 of file tablice_alg_3.cpp.

4.3.1.2 int main ( )

Definition at line 87 of file tablice_alg_3.cpp.

4.4 time.cpp File Reference

```
#include <sys/time.h>
```

Functions

- long double **get_ms_time** ()
- int **main** ()

4.4.1 Function Documentation

4.4.1.1 long double get_ms_time ( )

Definition at line 5 of file time.cpp.

4.4.1.2 int main ( )

Definition at line 15 of file time.cpp.

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