

Printing Queue

1.0

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1 Class Index

1.1 Class List

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

[PrintingQueue](#)

Printing Queue Class to create Queue of tasks to print. It also counts, how much time will it take to print our task

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2 Class Documentation

2.1 PrintingQueue Class Reference

Printing Queue Class to create Queue of tasks to print. It also counts, how much time will it take to print our task.

Public Member Functions

- [PrintingQueue](#) ()
A constructor.
- [~PrintingQueue](#) ()
A destructor.
- void [loadData](#) ()
Load data from file (arraySize, myTaskPosition and tasks queue).
- int [findBiggestPriorityPos](#) ()
Find position of the biggest priority in tasks queue.
- void [shiftCircleLeft](#) (int biggestPriorityPosition)
- void [printFirstElement](#) ()
Delete first element from queue, and add +1minute to timeToWait.
- bool [isMyTaskPrinted](#) () const
Get an information if is our task printed.
- int [getTimeToWait](#) () const
Get an information, how much do i have to wait until my task will be printed.

2.1.1 Detailed Description

Printing Queue Class to create Queue of tasks to print. It also counts, how much time will it take to print our task.

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: 1.0 2017.04.22

2.1.2 Member Function Documentation

2.1.2.1 findBiggestPriorityPos()

```
int PrintingQueue::findBiggestPriorityPos ( )
```

Find position of the biggest priority in tasks queue.

Returns

Position of the biggest priority in tasks queue.

2.1.2.2 getTimeToWait()

```
int PrintingQueue::getTimeToWait ( ) const
```

Get an information, how much do i have to wait until my task will be printed.

Returns

an integer value, which represents time in mins.

2.1.2.3 isMyTaskPrinted()

```
bool PrintingQueue::isMyTaskPrinted ( ) const
```

Get an information if is our task printed.

Returns

a bool state: true or false.

2.1.2.4 shiftCircleLeft()

```
void PrintingQueue::shiftCircleLeft (
    int biggestPriorityPosition )
```

Shift queue left until the element with biggest priority won't be on first place of queue.

Parameters

<i>biggestPriorityPosition</i>	an integer value.
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The documentation for this class was generated from the following file:

- Source.cpp

