PrintPosition

Generated by Doxygen 1.8.17

Chapter 1

Class Index

1.1 Class List

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

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

Chapter 3

Class Documentation

3.1 printer Class Reference

printer is a class to extract a new method from printposition, The motivation behind solving this problem is to implement method extraction for code refractory using input method

`#include <softwareEng_9_4.hpp>`

Public Member Functions

- int input ()

  input() method makes sure that all the inputs for printing the positon are fed and passed by value to printPosition() method
- void printPosition (int t_length, int a_length_search, char ∗text, char ∗array_to_search1, int position)

  printPostion method enable code resuablity and extraction mechanism this extracted method is used to find and print position
- printer ()

3.1.1 Detailed Description

printer is a class to extract a new method from printposition, The motivation behind solving this problem is to implement method extraction for code refractory using input method

3.1.2 Constructor & Destructor Documentation

3.1.2.1 printer()

```
printer::printer ( )
```

3.1.3 Member Function Documentation

3.1.3.1 input()

```
int printer::input ( )
```

input() method makes sure that all the inputs for printing the positon are fed and passed by value to printPosition() method

3.1.3.2 printPosition()

```
void printer::printPosition (
            int t_length,
            int a_length_search,
            char * text,
            char * array_to_search1,
            int position )
```

printPostion method enable code resuablity and extraction mechanism this extracted method is used to find and print position

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

- softwareEng_9_4.hpp
- softwareEng_9_4.cpp

Chapter 4

File Documentation

4.1 CMakeLists.txt File Reference

Functions

- add_executable (shell-app softwareEng_9_4.cpp) include_directories($

4.1.1 Function Documentation

4.1.1.1 add_executable()

```
add_executable (
            shell-app softwareEng_9_4.  cpp )
```

4.2 main.cpp File Reference

```
#include <iostream>
#include <lib.hpp>
```
Include dependency graph for main.cpp:

4.3 softwareEng_9_4.cpp File Reference

```
#include "softwareEng_9_4.hpp"
```
Include dependency graph for softwareEng_9_4.cpp:

Functions

- int main ()

4.3.1 Function Documentation

4.3.1.1 main()

```
int main ( )
```

4.4 softwareEng_9_4.hpp File Reference

```
#include <iostream>
#include <string>
#include <vector>
#include <numeric>
```

Include dependency graph for softwareEng_9_4.hpp: This graph shows which files directly or indirectly include this file:

Classes

- class printer

  printer is a class to extract a new method from printposition, The motivation behind solving this problem is to implement method extraction for code refractory using input method

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