My Project

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Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Observer	 		 																9
Member	 	 	 																7
Subject	 		 											 					10

2 Hierarchical Index

Class Index

2.1 Class List

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

Member	
	7
Observer Subject	·
	10

4 Class Index

File Index

3.1 File List

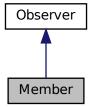
ere is a list of all files with brief descriptions:	
main.cpp	

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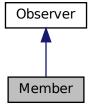
Class Documentation

4.1 Member Class Reference

Inheritance diagram for Member:



Collaboration diagram for Member:



8 Class Documentation

Public Member Functions

- Member (Subject *sub)
- void raisePrice (Subject *sub, int value)
- void update (int price) override

4.1.1 Detailed Description

Author

Version

1.0

Date

2023

, .

4.1.2 Constructor & Destructor Documentation

4.1.2.1 Member()

4.1.3 Member Function Documentation

4.1.3.1 raisePrice()

4.1.3.2 update()

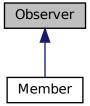
Implements Observer.

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

• main.cpp

4.2 Observer Class Reference

Inheritance diagram for Observer:



Public Member Functions

• virtual void update (int price)=0

4.2.1 Member Function Documentation

4.2.1.1 update()

Implemented in Member.

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

main.cpp

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4.3 Subject Class Reference

Public Member Functions

- void addMember (Observer *obs)
- void setNewPrice (int value)
- void notify (int price)

Public Attributes

```
• int price = 0
```

4.3.1 Detailed Description

Author

Version

1.0

Date

2023

, , , .

4.3.2 Member Function Documentation

4.3.2.1 addMember()

```
void Subject::addMember (
          Observer * obs ) [inline]
```

4.3.2.2 notify()

4.3.2.3 setNewPrice()

4.3.3 Member Data Documentation

4.3.3.1 price

```
int Subject::price = 0
```

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

• main.cpp

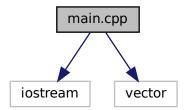
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File Documentation

5.1 CMakeLists.txt File Reference

5.2 main.cpp File Reference

#include <iostream>
#include <vector>
Include dependency graph for main.cpp:



Classes

- class Observer
- class Subject
- class Member

Functions

• int main ()

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5.2.1 Function Documentation

5.2.1.1 main()

int main ()

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