

AccountingProgram

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1 Class Index

1.1 Class List

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

| | |
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| Account | 1 |
|----------------|----------|

2 File Index

2.1 File List

Here is a list of all files with brief descriptions:

| | |
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| account.cpp | 3 |
| account.h | 3 |
| source.cpp | 3 |

3 Class Documentation

3.1 Account Class Reference

```
#include <account.h>
```

Public Member Functions

- **Account** ()
- **Account** (double)
- double **getBalance** (void)
- double **getRate** ()
- bool **deposit** (double)
- bool **withdrawal** (double)
- bool **accrueInterest** (int)

Private Attributes

- double **balance**
- double **rate**

3.1.1 Constructor & Destructor Documentation

3.1.1.1 Account() [1/2] `Account::Account ()`

3.1.1.2 Account() [2/2] `Account::Account (
double startingBalance)`

3.1.2 Member Function Documentation

3.1.2.1 accrueInterest() `bool Account::accrueInterest (
int input)`

3.1.2.2 deposit() `bool Account::deposit (
double input)`

3.1.2.3 getBalance() `double Account::getBalance (
void)`

3.1.2.4 `getRate()` `double Account::getRate ()`

3.1.2.5 `withdrawl()` `bool Account::withdrawl (`
`double input)`

3.1.3 Member Data Documentation

3.1.3.1 `balance` `double Account::balance [private]`

3.1.3.2 `rate` `double Account::rate [private]`

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

- `account.h`
- `account.cpp`

4 File Documentation

4.1 `account.cpp` File Reference

```
#include "account.h"
```

4.2 `account.h` File Reference

Classes

- class `Account`

4.3 `source.cpp` File Reference

```
#include "account.h"  
#include <iostream>
```

Functions

- `int menu ()`
- `void clearScreen ()`
- `void pauseScreen ()`
- `int main ()`

4.3.1 Function Documentation

4.3.1.1 clearScreen() `void clearScreen ()`

4.3.1.2 main() `int main ()`

4.3.1.3 menu() `int menu ()`

4.3.1.4 pauseScreen() `void pauseScreen ()`

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