

MoneyMoneyPerf

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Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

es	9
es.deusto	9
es.deusto.testing	9
es.deusto.testing.junit	
This is the brief documentation for the Java package es.deusto.testing.junit intended for testing Doxygen. May 12, 2014	9

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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

es.deusto.testing.junit.IMoney	11
es.deusto.testing.junit.Money	14
es.deusto.testing.junit.MoneyBag	22

Chapter 3

Class Index

3.1 Class List

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

es.deusto.testing.junit.IMoney	11
es.deusto.testing.junit.Money	14
es.deusto.testing.junit.MoneyBag	22

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

src/main/java/es/deusto/testing/junit/ IMoney.java	29
src/main/java/es/deusto/testing/junit/ Money.java	29
src/main/java/es/deusto/testing/junit/ MoneyBag.java	30

Chapter 5

Namespace Documentation

5.1 Package es

Packages

- package [deusto](#)

5.2 Package es.deusto

Packages

- package [testing](#)

5.3 Package es.deusto.testing

Packages

- package [junit](#)

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

5.4 Package es.deusto.testing.junit

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

Classes

- interface [IMoney](#)
- class [Money](#)
- class [MoneyBag](#)

5.4.1 Detailed Description

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

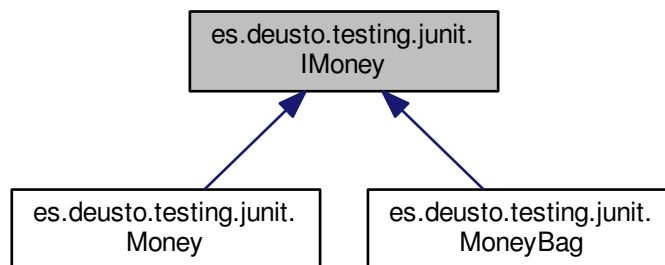
This is the detailed description of a package composed by classes [Money](#) and [MoneyBag](#) which inherit from [IMoney](#) and are tested in class MoneyPerfTest

Chapter 6

Class Documentation

6.1 es.deusto.testing.junit.IMoney Interface Reference

Inheritance diagram for es.deusto.testing.junit.IMoney:



Public Member Functions

- abstract `IMoney add (IMoney m)`
- abstract `IMoney addMoney (Money m)`
- abstract `IMoney addMoneyBag (MoneyBag s)`
- abstract boolean `isZero ()`
- abstract `IMoney multiply (int factor)`
- abstract `IMoney negate ()`
- abstract `IMoney subtract (IMoney m)`
- abstract void `appendTo (MoneyBag m)`

Brief test for `appendTo()` added May 12, 2014.

6.1.1 Detailed Description

Definition at line 3 of file `IMoney.java`.

6.1.2 Member Function Documentation

6.1.2.1 `abstract IMoney es.deusto.testing.junit.IMoney.add (IMoney m)` `[abstract]`

Adds a money to this money.

Implemented in [es.deusto.testing.junit.MoneyBag](#), and [es.deusto.testing.junit.Money](#).

Here is the caller graph for this function:

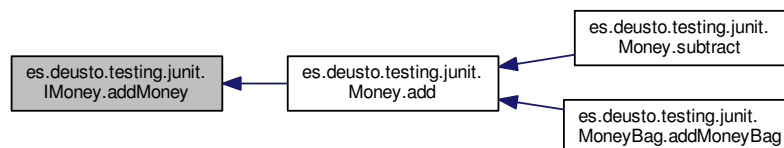


6.1.2.2 `abstract IMoney es.deusto.testing.junit.IMoney.addMoney (Money m)` `[abstract]`

Adds a simple [Money](#) to this money. This is a helper method for implementing double dispatch

Implemented in [es.deusto.testing.junit.MoneyBag](#), and [es.deusto.testing.junit.Money](#).

Here is the caller graph for this function:

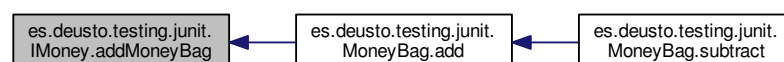


6.1.2.3 `abstract IMoney es.deusto.testing.junit.IMoney.addMoneyBag (MoneyBag s)` `[abstract]`

Adds a [MoneyBag](#) to this money. This is a helper method for implementing double dispatch

Implemented in [es.deusto.testing.junit.Money](#), and [es.deusto.testing.junit.MoneyBag](#).

Here is the caller graph for this function:



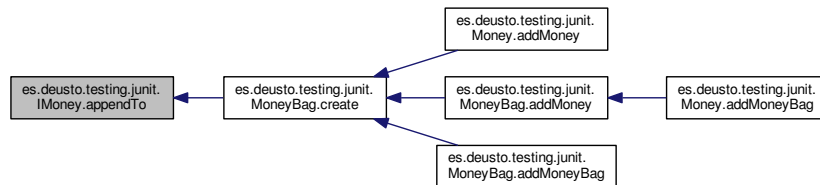
6.1.2.4 `abstract void es.deusto.testing.junit.IMoney.appendTo (MoneyBag m)` [abstract]

Brief test for `appendTo()` added May 12, 2014.

Append this to a `MoneyBag` `m`. `appendTo()` needs to be public because it is used polymorphically, but it should not be used by clients because it modifies the argument `m`.

Implemented in `es.deusto.testing.junit.MoneyBag`, and `es.deusto.testing.junit.Money`.

Here is the caller graph for this function:



6.1.2.5 `abstract boolean es.deusto.testing.junit.IMoney.isZero ()` [abstract]

Tests whether this money is zero

Implemented in `es.deusto.testing.junit.MoneyBag`, and `es.deusto.testing.junit.Money`.

6.1.2.6 `abstract IMoney es.deusto.testing.junit.IMoney.multiply (int factor)` [abstract]

Multiplies a money by the given factor.

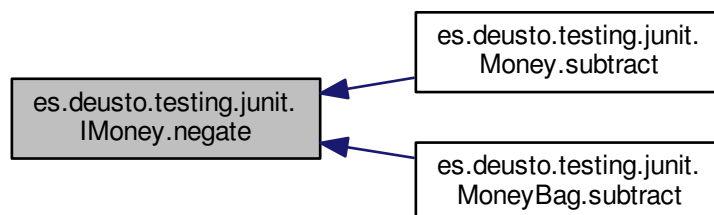
Implemented in `es.deusto.testing.junit.MoneyBag`, and `es.deusto.testing.junit.Money`.

6.1.2.7 `abstract IMoney es.deusto.testing.junit.IMoney.negate ()` [abstract]

Negates this money.

Implemented in `es.deusto.testing.junit.MoneyBag`, and `es.deusto.testing.junit.Money`.

Here is the caller graph for this function:



6.1.2.8 **abstract IMoney** `es.deusto.testing.junit.IMoney.subtract (IMoney m)` [abstract]

Subtracts a money from this money.

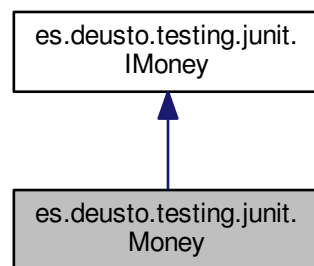
Implemented in [es.deusto.testing.junit.MoneyBag](#), and [es.deusto.testing.junit.Money](#).

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

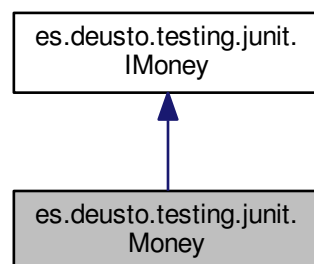
- [src/main/java/es/deusto/testing/junit/IMoney.java](#)

6.2 `es.deusto.testing.junit.Money` Class Reference

Inheritance diagram for `es.deusto.testing.junit.Money`:



Collaboration diagram for `es.deusto.testing.junit.Money`:



Public Member Functions

- [Money](#) (int [amount](#), String [currency](#))
- [IMoney](#) [add](#) ([IMoney](#) m)
- [IMoney](#) [addMoney](#) ([Money](#) m)
- [IMoney](#) [addMoneyBag](#) ([MoneyBag](#) s)
- int [amount](#) ()
- String [currency](#) ()
- boolean [equals](#) (Object anObject)
- int [hashCode](#) ()
- boolean [isZero](#) ()
- [IMoney](#) [multiply](#) (int factor)
- [IMoney](#) [negate](#) ()
- [IMoney](#) [subtract](#) ([IMoney](#) m)
- String [toString](#) ()
- void [appendTo](#) ([MoneyBag](#) m)

6.2.1 Detailed Description

A simple [Money](#) class.

Definition at line 12 of file Money.java.

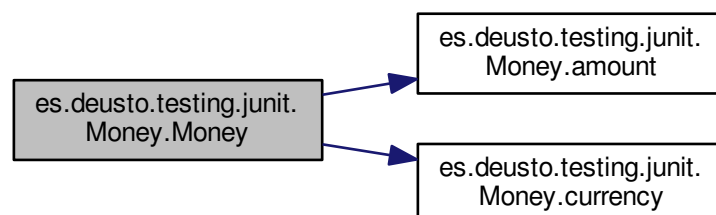
6.2.2 Constructor & Destructor Documentation

6.2.2.1 es.deusto.testing.junit.Money.Money (int *amount*, String *currency*)

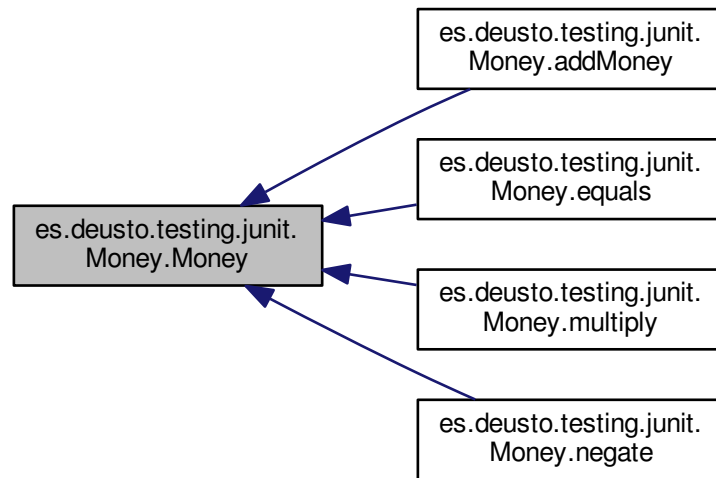
Constructs a money from the given amount and currency.

Definition at line 20 of file Money.java.

Here is the call graph for this function:



Here is the caller graph for this function:



6.2.3 Member Function Documentation

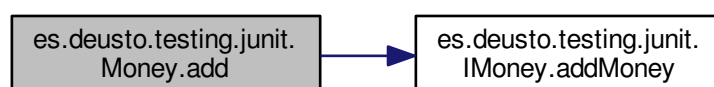
6.2.3.1 `IMoney es.deusto.testing.junit.Money.add (IMoney m)`

Adds a money to this money. Forwards the request to the addMoney helper.

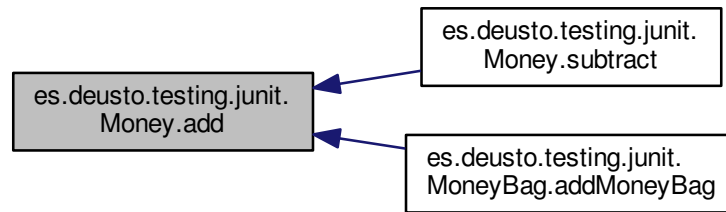
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 28 of file Money.java.

Here is the call graph for this function:



Here is the caller graph for this function:



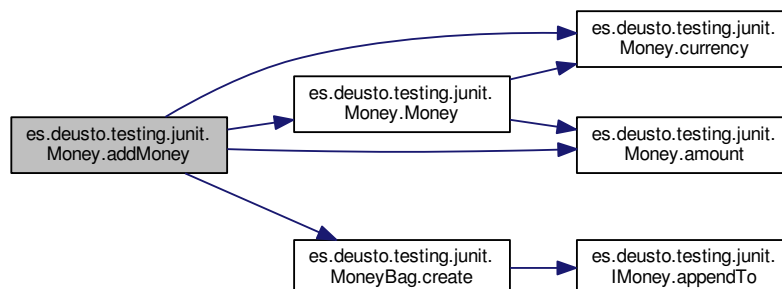
6.2.3.2 `IMoney es.deusto.testing.junit.Money.addMoney (Money m)`

Adds a simple [Money](#) to this money. This is a helper method for implementing double dispatch

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 32 of file `Money.java`.

Here is the call graph for this function:



6.2.3.3 `IMoney es.deusto.testing.junit.Money.addMoneyBag (MoneyBag s)`

Adds a [MoneyBag](#) to this money. This is a helper method for implementing double dispatch

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 38 of file `Money.java`.

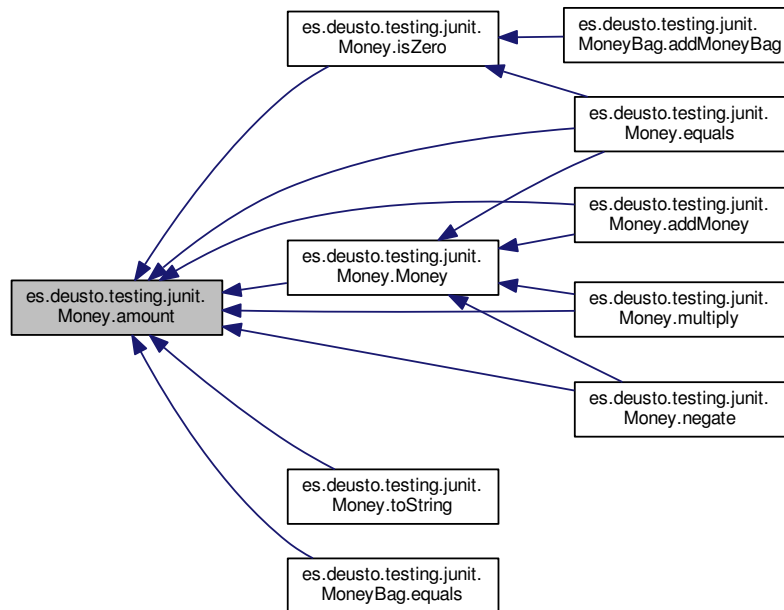
Here is the call graph for this function:



6.2.3.4 `int es.deusto.testing.junit.Money.amount ()`

Definition at line 42 of file Money.java.

Here is the caller graph for this function:



6.2.3.5 `void es.deusto.testing.junit.Money.appendTo (MoneyBag m)`

This makes no sense May 12, 2014

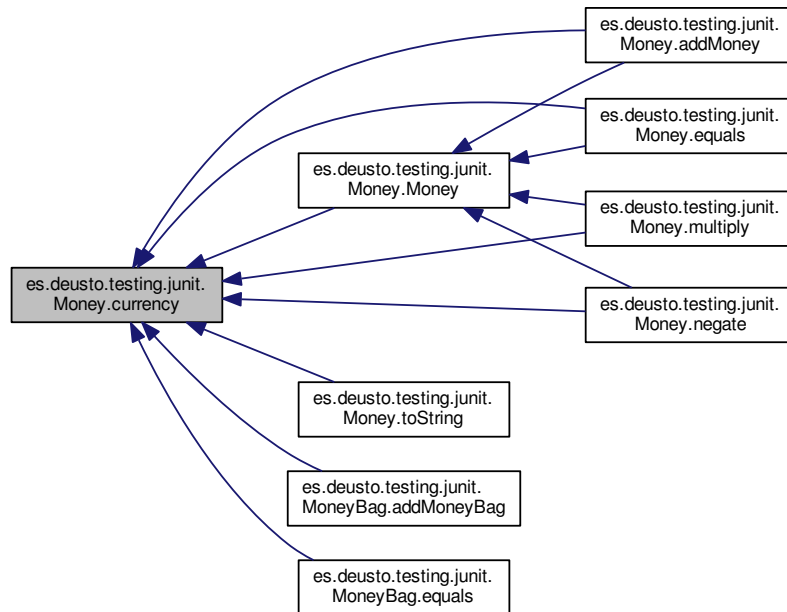
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 93 of file Money.java.

6.2.3.6 `String es.deusto.testing.junit.Money.currency ()`

Definition at line 46 of file Money.java.

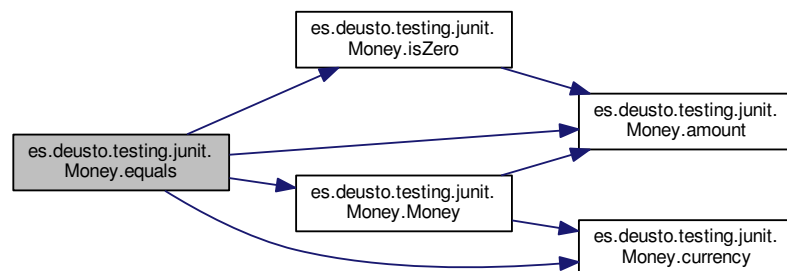
Here is the caller graph for this function:



6.2.3.7 boolean es.deusto.testing.junit.Money.equals (Object *anObject*)

Definition at line 51 of file Money.java.

Here is the call graph for this function:



6.2.3.8 int es.deusto.testing.junit.Money.hashCode ()

Definition at line 63 of file Money.java.

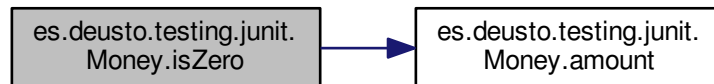
6.2.3.9 boolean es.deusto.testing.junit.Money.isZero ()

Tests whether this money is zero

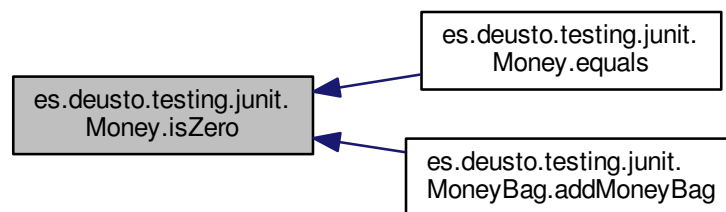
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 69 of file Money.java.

Here is the call graph for this function:



Here is the caller graph for this function:



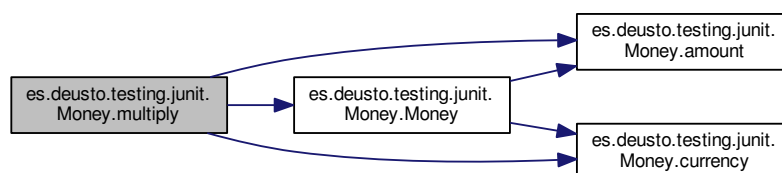
6.2.3.10 IMoney es.deusto.testing.junit.Money.multiply (int factor)

Multiplies a money by the given factor.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 73 of file Money.java.

Here is the call graph for this function:



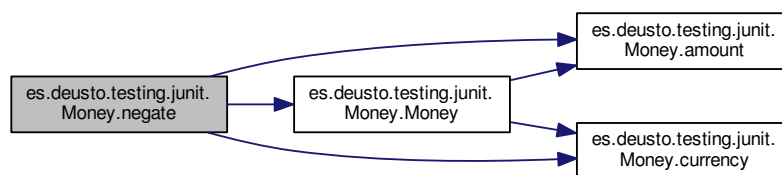
6.2.3.11 **IMoney** es.deusto.testing.junit.Money.negate ()

Negates this money.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 77 of file Money.java.

Here is the call graph for this function:



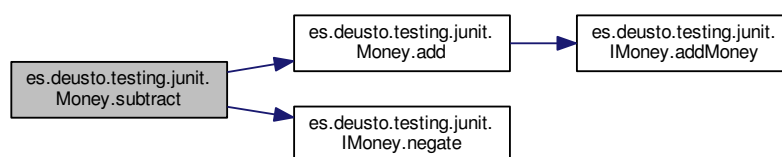
6.2.3.12 **IMoney** es.deusto.testing.junit.Money.subtract (**IMoney** m)

Subtracts a money from this money.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 81 of file Money.java.

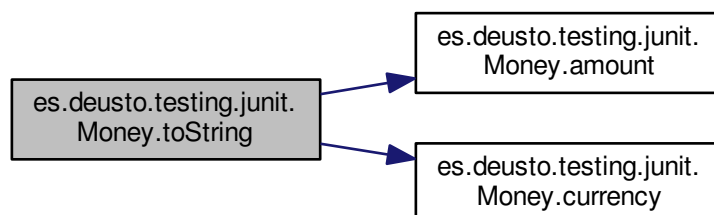
Here is the call graph for this function:



6.2.3.13 String es.deusto.testing.junit.Money.toString ()

Definition at line 86 of file Money.java.

Here is the call graph for this function:

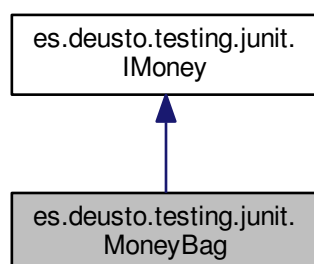


The documentation for this class was generated from the following file:

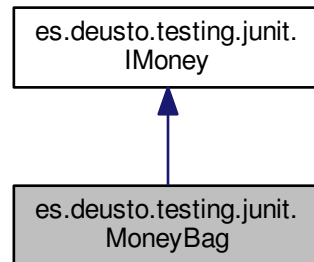
- [src/main/java/es/deusto/testing/junit/Money.java](#)

6.3 es.deusto.testing.junit.MoneyBag Class Reference

Inheritance diagram for `es.deusto.testing.junit.MoneyBag`:



Collaboration diagram for es.deusto.testing.junit.MoneyBag:



Public Member Functions

- `IMoney add (IMoney m)`
- `IMoney addMoney (Money m)`
- `IMoney addMoneyBag (MoneyBag s)`
- `boolean equals (Object anObject)`
- `int hashCode ()`
- `boolean isZero ()`
- `IMoney multiply (int factor)`
- `IMoney negate ()`
- `IMoney subtract (IMoney m)`
- `String toString ()`
- `void appendTo (MoneyBag m)`

Brief test for `appendTo()` added May 12, 2014.

Static Public Member Functions

- `static IMoney create (IMoney m1, IMoney m2)`

6.3.1 Detailed Description

A `MoneyBag` defers exchange rate conversions. For example adding 12 Swiss Francs to 14 US Dollars is represented as a bag containing the two `Money` objects associated to 12 CHF and 14 USD. Adding another 10 Swiss francs gives a `MoneyBag` with 22 CHF and 14 USD. Due to the deferred exchange rate conversion we can later value a `MoneyBag` with different exchange rates.

A `MoneyBag` is represented as a list of `Money` objects and provides different constructors to create a `MoneyBag`.

Definition at line 20 of file `MoneyBag.java`.

6.3.2 Member Function Documentation

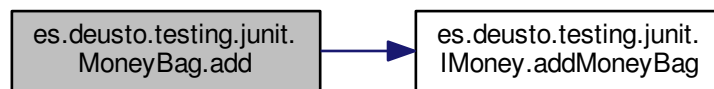
6.3.2.1 `IMoney es.deusto.testing.junit.MoneyBag.add (IMoney m)`

Adds a money to this money.

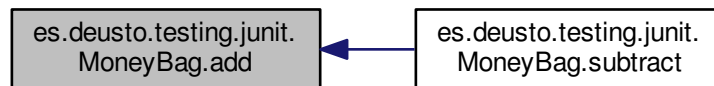
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 30 of file MoneyBag.java.

Here is the call graph for this function:



Here is the caller graph for this function:



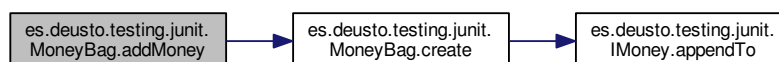
6.3.2.2 `IMoney es.deusto.testing.junit.MoneyBag.addMoney (Money m)`

Adds a simple [Money](#) to this money. This is a helper method for implementing double dispatch

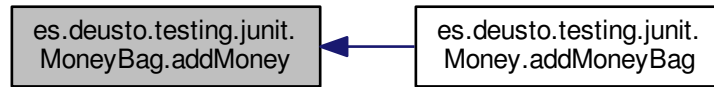
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 34 of file MoneyBag.java.

Here is the call graph for this function:



Here is the caller graph for this function:



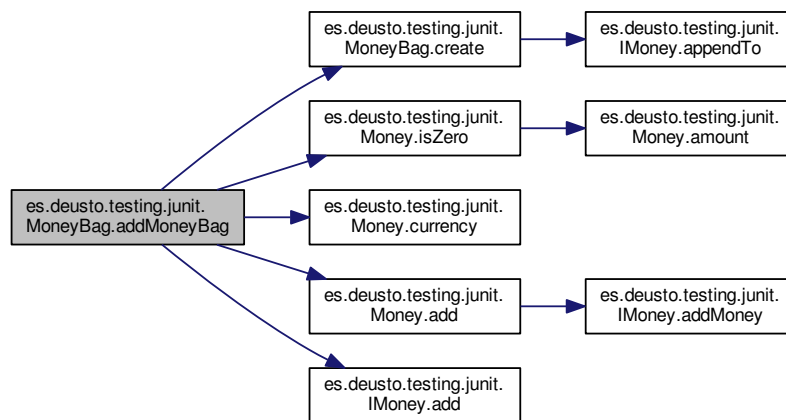
6.3.2.3 `IMoney es.deusto.testing.junit.MoneyBag.addMoneyBag (MoneyBag s)`

Adds a [MoneyBag](#) to this money. This is a helper method for implementing double dispatch

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 38 of file `MoneyBag.java`.

Here is the call graph for this function:



6.3.2.4 `void es.deusto.testing.junit.MoneyBag.appendTo (MoneyBag m)`

Brief test for [appendTo\(\)](#) added May 12, 2014.

Append this to a [MoneyBag](#) `m`. [appendTo\(\)](#) needs to be public because it is used polymorphically, but it should not be used by clients because it modifies the argument `m`.

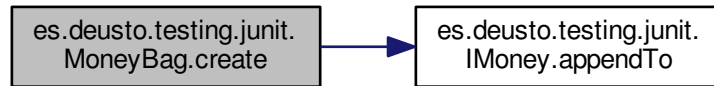
Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 142 of file `MoneyBag.java`.

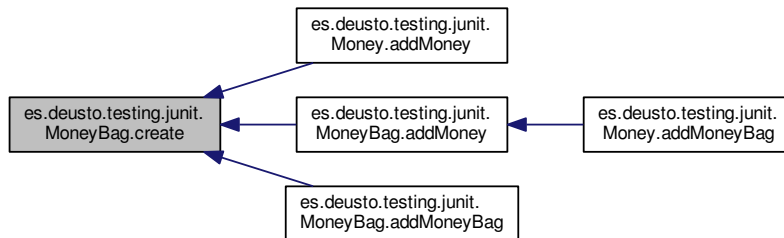
6.3.2.5 static `IMoney es.deusto.testing.junit.MoneyBag.create (IMoney m1, IMoney m2)` [static]

Definition at line 23 of file `MoneyBag.java`.

Here is the call graph for this function:



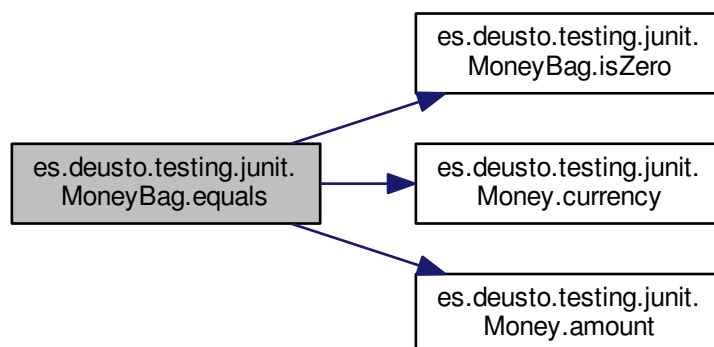
Here is the caller graph for this function:



6.3.2.6 boolean `es.deusto.testing.junit.MoneyBag.equals (Object anObject)`

Definition at line 63 of file `MoneyBag.java`.

Here is the call graph for this function:



6.3.2.7 `int es.deusto.testing.junit.MoneyBag.hashCode ()`

Definition at line 96 of file MoneyBag.java.

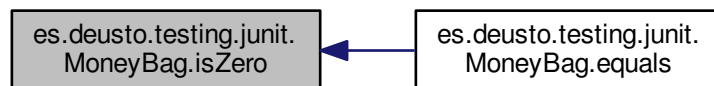
6.3.2.8 `boolean es.deusto.testing.junit.MoneyBag.isZero ()`

Tests whether this money is zero

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 103 of file MoneyBag.java.

Here is the caller graph for this function:



6.3.2.9 `IMoney es.deusto.testing.junit.MoneyBag.multiply (int factor)`

Multiplies a money by the given factor.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 107 of file MoneyBag.java.

6.3.2.10 `IMoney es.deusto.testing.junit.MoneyBag.negate ()`

Negates this money.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 115 of file MoneyBag.java.

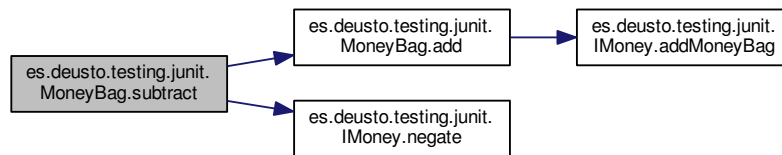
6.3.2.11 `IMoney es.deusto.testing.junit.MoneyBag.subtract (IMoney m)`

Subtracts a money from this money.

Implements [es.deusto.testing.junit.IMoney](#).

Definition at line 128 of file MoneyBag.java.

Here is the call graph for this function:



6.3.2.12 `String es.deusto.testing.junit.MoneyBag.toString ()`

Definition at line 133 of file MoneyBag.java.

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

- [src/main/java/es/deusto/testing/junit/MoneyBag.java](#)

Chapter 7

File Documentation

7.1 src/main/java/es/deusto/testing/junit/IMoney.java File Reference

Classes

- interface [es.deusto.testing.junit.IMoney](#)

Packages

- package [es.deusto.testing.junit](#)

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

7.2 src/main/java/es/deusto/testing/junit/Money.java File Reference

Classes

- class [es.deusto.testing.junit.Money](#)

Packages

- package [es.deusto.testing.junit](#)

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

7.2.1 Detailed Description

A brief file description testing [Money.java](#) for file command. May 12, 2014 A more elaborated file description should come here.

7.3 src/main/java/es/deusto/testing/junit/MoneyBag.java File Reference

Classes

- class [es.deusto.testing.junit.MoneyBag](#)

Packages

- package [es.deusto.testing.junit](#)

This is the brief documentation for the Java package [es.deusto.testing.junit](#) intended for testing Doxygen. May 12, 2014.

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