

CE103 Homework 4 Duygu Ayvaz Hayrunnisa Kasimay

1.0

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1 Namespace Index

1.1 Package List

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

ce103_hw4_medical_store_app	2
ce103_hw4_medical_store_lib	2

2 Class Index

2.1 Class List

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

ce103_hw4_medical_store_lib.Bill	2
ce103_hw4_medical_store_lib.ConversionUtility	10
ce103_hw4_medical_store_lib.Customer	16
ce103_hw4_medical_store_lib.FileUtility	23
ce103_hw4_medical_store_app.InsiderOfTheMenu	27
ce103_hw4_medical_store_lib.Medicine	46
ce103_hw4_medical_store_app.Menu	60
ce103_hw4_medical_store_lib.Supplier	66

3 File Index

3.1 File List

Here is a list of all files with brief descriptions:

InsiderOfTheMenu.java	74
Menu.java	74
module-info.java	75
Bill.java	75

ConversionUtility.java	75
Customer.java	75
FileUtility.java	75
Medicine.java	76
Supplier.java	76

4 Namespace Documentation

4.1 Package ce103_hw4_medical_store_app

Classes

- class [InsiderOfTheMenu](#)
- class [Menu](#)

4.2 Package ce103_hw4_medical_store_lib

Classes

- class [Bill](#)
- class [ConversionUtility](#)
- class [Customer](#)
- class [FileUtility](#)
- class [Medicine](#)
- class [Supplier](#)

5 Class Documentation

5.1 ce103_hw4_medical_store_lib.Bill Class Reference

Public Member Functions

- String [getBillno](#) ()
- void [setBillno](#) (String Billno)
- int [getid](#) ()
- void [setid](#) (int id)
- String [getmedicinename](#) ()
- void [setmedicinename](#) (String medicinename)
- String [getcustomername](#) ()
- void [setcustomername](#) (String customername)
- String [getquantity](#) ()
- void [setquantity](#) (String quantity)
- int [getrate](#) ()
- void [setrate](#) (int rate)

Static Public Member Functions

- static byte[] [bookToByteArrayBlock](#) ([Bill](#) book)
- static [Bill](#) [byteArrayBlockToBook](#) (byte[] byteArray)

Static Public Attributes

- static final int [BILLNO_MAX_LENGTH](#) = 4
- static final int [ID_MAX_LENGTH](#) = 9
- static final int [CUSTOMERNAME_MAX_LENGTH](#) = 25
- static final int [MEDICINENAME_MAX_LENGTH](#) = 25
- static final int [QUANTITY_MAX_LENGTH](#) = 9
- static final int [RATE_MAX_LENGTH](#) = 9
- static final int [Bill_DATA_BLOCK_SIZE](#) = [BILLNO_MAX_LENGTH](#) + [CUSTOMERNAME_MAX_LENGTH](#) + [MEDICINENAME_MAX_LENGTH](#) + [QUANTITY_MAX_LENGTH](#) + [RATE_MAX_LENGTH](#) + [ID_MAX_LENGTH](#)

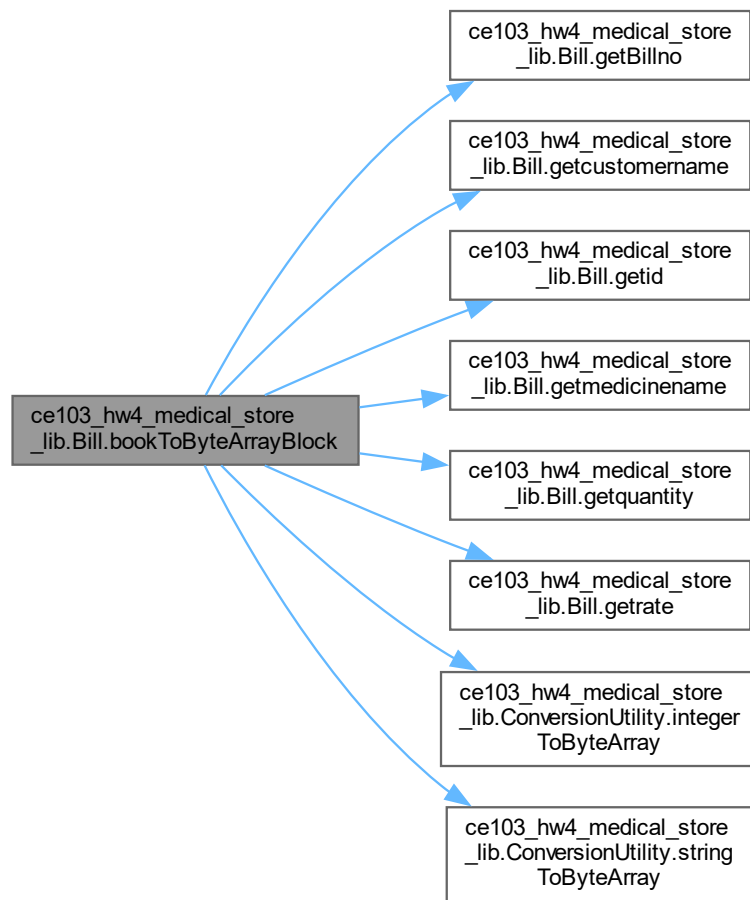
5.1.1 Member Function Documentation

5.1.1.1 bookToByteArrayBlock() static byte[] ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock ([Bill](#) book) [static]

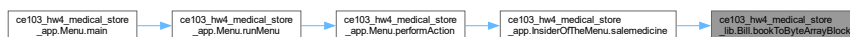
References [ce103_hw4_medical_store_lib.Bill.Bill_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Bill.BILLNO_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.CUSTOMERNAME_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.getBillno\(\)](#), [ce103_hw4_medical_store_lib.Bill.getcustomername\(\)](#), [ce103_hw4_medical_store_lib.Bill.getid\(\)](#), [ce103_hw4_medical_store_lib.Bill.getquantity\(\)](#), [ce103_hw4_medical_store_lib.Bill.getrate\(\)](#), [ce103_hw4_medical_store_lib.Bill.ID_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.MEDICINENAME_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.QUANTITY_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.RATE_MAX_LENGTH](#), and [ce103_hw4_medical_store_lib.ConversionUtility.stringToByteArray\(\)](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

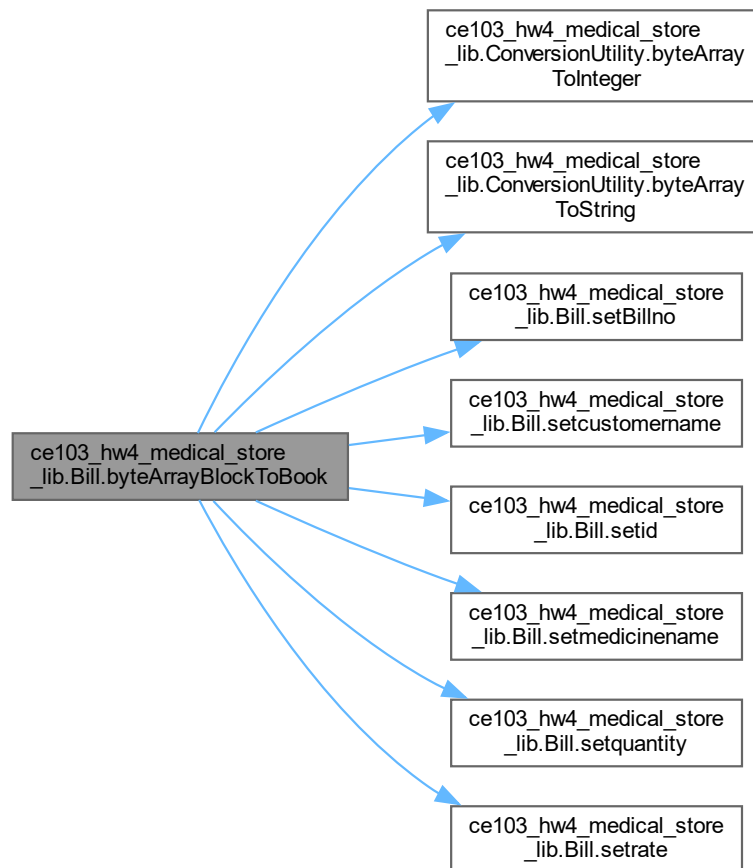


5.1.1.2 byteArrayBlockToBook() `static Bill ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook (byte[] byteArray) [static]`

References `ce103_hw4_medical_store_lib.Bill.BILL_DATA_BLOCK_SIZE`, `ce103_hw4_medical_store_lib.Bill.BILLNO_MAX_LENGTH`, `ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToInteger()`, `ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToString()`, `ce103_hw4_medical_store_lib.Bill.CUSTOMERNAME_MAX_LENGTH`, `ce103_hw4_medical_store_lib.Bill.ID_MAX_LENGTH`, `ce103_hw4_medical_store_lib.Bill.MEDICINENAME_MAX_LENGTH`, `ce103_hw4_medical_store_lib.Bill.QUANTITY_MAX_LENGTH`

[ce103_hw4_medical_store_lib.Bill.RATE_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Bill.setBillno\(\)](#), [ce103_hw4_medical_store_lib.Bill.setid\(\)](#), [ce103_hw4_medical_store_lib.Bill.setmedicinename\(\)](#), [ce103_hw4_medical_store_lib.Bill.setrate\(\)](#) and [ce103_hw4_medical_store_lib.Bill.setquantity\(\)](#).

Here is the call graph for this function:



5.1.1.3 `getBillno()` `String ce103_hw4_medical_store_lib.Bill.getBillno ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.4 `getcustomername()` `String ce103_hw4_medical_store_lib.Bill.getcustomername ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.5 `gettid()` `int ce103_hw4_medical_store_lib.Bill.gettid ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.6 `getmedicinename()` `String ce103_hw4_medical_store_lib.Bill.getmedicinename ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.7 `getquantity()` `String ce103_hw4_medical_store_lib.Bill.getquantity ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.8 `getrate()` `int ce103_hw4_medical_store_lib.Bill.getrate ()`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.1.1.9 `setBillno()` `void ce103_hw4_medical_store_lib.Bill.setBillno (String Billno)`

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine](#).

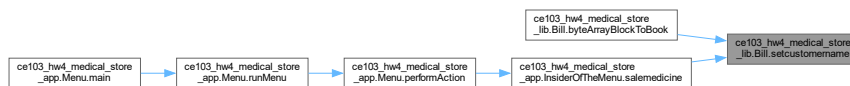
Here is the caller graph for this function:



5.1.1.10 `setcustomername()` `void ce103_hw4_medical_store_lib.Bill.setcustomername (String customername)`

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine](#).

Here is the caller graph for this function:



5.1.1.11 setid() `void ce103_hw4_medical_store_lib.Bill.setid (`
`int id)`

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#).

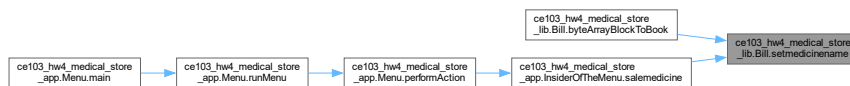
Here is the caller graph for this function:



5.1.1.12 setmedicinename() `void ce103_hw4_medical_store_lib.Bill.setmedicinename (`
`String medicinename)`

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.s](#)

Here is the caller graph for this function:



5.1.1.13 setquantity() `void ce103_hw4_medical_store_lib.Bill.setquantity (`
`String quantity)`

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.s](#)

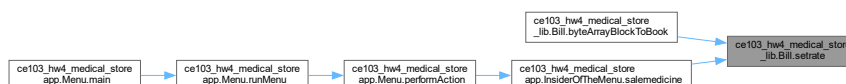
Here is the caller graph for this function:



5.1.1.14 setrate() void ce103_hw4_medical_store_lib.Bill.setrate (
int rate)

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.s](#)

Here is the caller graph for this function:



5.1.2 Member Data Documentation

5.1.2.1 Bill_DATA_BLOCK_SIZE final int ce103_hw4_medical_store_lib.Bill.Bill_DATA_BLOCK_SIZE
= BILLNO_MAX_LENGTH + CUSTOMERNAME_MAX_LENGTH + MEDICINENAME_MAX_LENGTH + QUANTITY_MAX_LENGTH
+ RATE_MAX_LENGTH + ID_MAX_LENGTH [static]

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.2 BILLNO_MAX_LENGTH final int ce103_hw4_medical_store_lib.Bill.BILLNO_MAX_LENGTH = 4
[static]

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.3 CUSTOMERNAME_MAX_LENGTH final int ce103_hw4_medical_store_lib.Bill.CUSTOMERNAME↔
_MAX_LENGTH = 25 [static]

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.4 ID_MAX_LENGTH final int ce103_hw4_medical_store_lib.Bill.ID_MAX_LENGTH = 9 [static]

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.5 MEDICINENAME_MAX_LENGTH final int ce103_hw4_medical_store_lib.Bill.MEDICINENAME↔
_MAX_LENGTH = 25 [static]

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.6 QUANTITY_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Bill.QUANTITY_MAX_LENGTH = 9 [static]`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

5.1.2.7 RATE_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Bill.RATE_MAX_LENGTH = 9 [static]`

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToB](#)

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

- [Bill.java](#)

5.2 ce103_hw4_medical_store_lib.ConversionUtility Class Reference

Static Public Member Functions

- static `Byte[]` [toByte](#) (`String` hexString)
- static `String` [toHex](#) (`byte[]` arr)
- static `boolean` [isHex](#) (`String` str)
- static `Byte[]` [toByteArray](#) (`String` hexString)
- static `int` [getInt](#) (`byte[]` data, `int` offset, `int` length)
- static `String` [toAscii](#) (`String` hexString)
- static `int` [byteArrayToInteger](#) (`byte[]` byteArray)
- static `byte[]` [integerToByteArray](#) (`int` value)
- static `byte[]` [stringListToByteArray](#) (`List< String >` array, `int` itemMaxCount, `int` itemMaxLength)
- static `List< String >` [byteArrayToStringList](#) (`byte[]` byteArray, `int` itemMaxCount, `int` itemMaxLength)
- static `byte[]` [stringToByteArray](#) (`String` data)
- static `String` [byteArrayToString](#) (`byte[]` byteArray)

5.2.1 Member Function Documentation

5.2.1.1 byteArrayToInteger() `static int ce103_hw4_medical_store_lib.ConversionUtility.byte↔ArrayToInteger (byte[] byteArray) [static]`

Converts a byte array to an integer.

Parameters

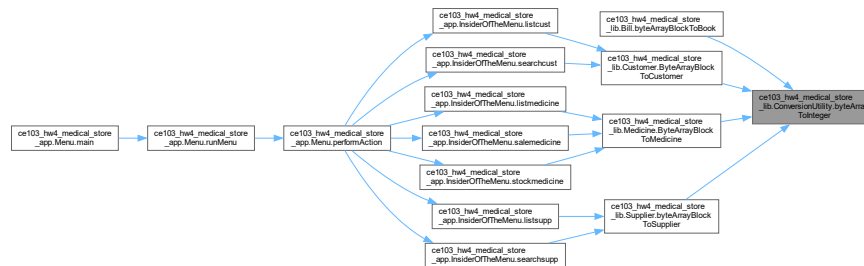
<i>byteArray</i>	The byte array to convert.
------------------	----------------------------

Returns

The integer value stored in the byte array.

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#).

Here is the caller graph for this function:



5.2.1.2 byteArrayToString() static String ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToString (byte[] byteArray) [static]

Converts a byte array to a string.

Parameters

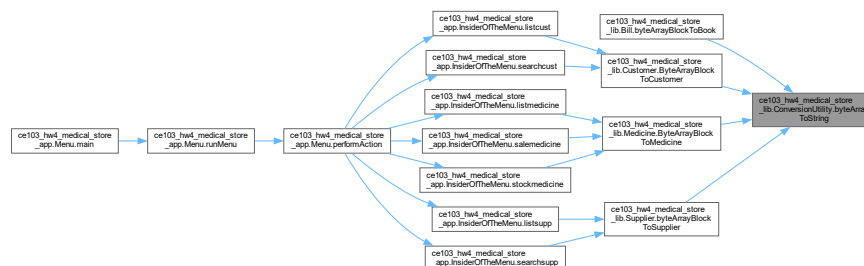
<i>byteArray</i>	The byte array to convert.
------------------	----------------------------

Returns

The string stored in the byte array.

Referenced by [ce103_hw4_medical_store_lib.Bill.byteArrayBlockToBook\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#).

Here is the caller graph for this function:



5.2.1.3 byteArrayToStringList() `static List< String > ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToStringList (`
`byte[] byteArray,`
`int itemMaxCount,`
`int itemMaxLength) [static]`

Converts a byte array to a list of strings.

Parameters

<i>byteArray</i>	The byte array to convert.
<i>itemMaxCount</i>	The maximum number of items in the list.
<i>itemMaxLength</i>	The maximum length of each item in the list.

Returns

The list of strings stored in the byte array.

5.2.1.4 getInt() `static int ce103_hw4_medical_store_lib.ConversionUtility.getInt (`
`byte[] data,`
`int offset,`
`int length) [static]`

Extracts an integer value from an array of bytes.

Parameters

<i>data</i>	The array of bytes from which to extract the integer value.
<i>offset</i>	The starting position in the array from which to extract the integer value.
<i>length</i>	The number of bytes to use in the extraction.

Returns

The integer value extracted from the array of bytes.

5.2.1.5 integerToByteArray() `static byte[] ce103_hw4_medical_store_lib.ConversionUtility.↵`
`integerToByteArray (`
`int value) [static]`

Converts an integer to a byte array.

Parameters

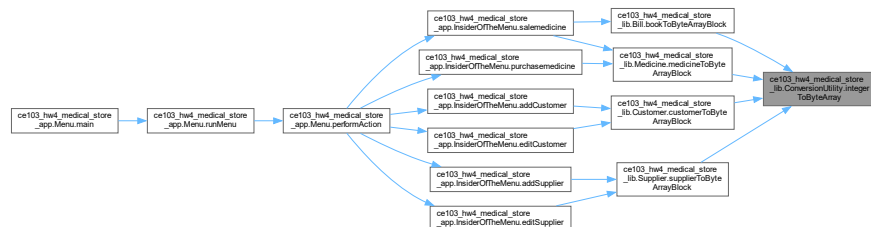
<i>value</i>	The integer value to convert.
--------------	-------------------------------

Returns

The byte array representation of the integer.

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.2.1.6 isHex() static boolean ce103_hw4_medical_store_lib.ConversionUtility.isHex (String str) [static]

Determines whether a string consists only of hexadecimal digits.

Parameters

<i>str</i>	The string to be checked.
------------	---------------------------

Returns

`true` if the string consists only of hexadecimal digits, `false` otherwise.

References [ce103_hw4_medical_store_lib.ConversionUtility.toByteArray\(\)](#).

Here is the call graph for this function:



5.2.1.7 stringListToByteArray() static byte[] ce103_hw4_medical_store_lib.ConversionUtility.↔

```
stringListToByteArray (
    List< String > array,
    int itemMaxCount,
    int itemMaxLength ) [static]
```

Converts a list of strings to a byte array.

Parameters

<i>array</i>	The list of strings to convert.
<i>itemMaxCount</i>	The maximum number of items in the list.
<i>itemMaxLength</i>	The maximum length of each item in the list.

Returns

The byte array representation of the list of strings.

5.2.1.8 stringToByteArray() static byte[] ce103_hw4_medical_store_lib.ConversionUtility.↔

```
stringToByteArray (
    String data ) [static]
```

Converts a string to a byte array.

Parameters

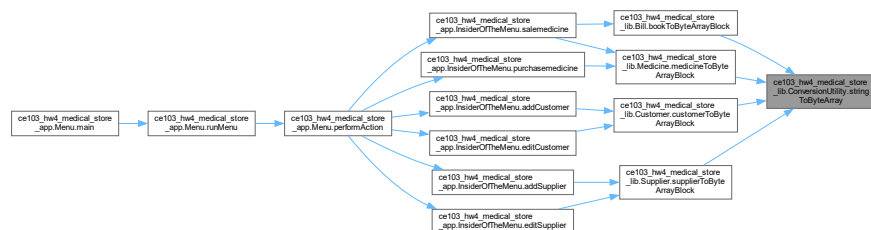
<i>data</i>	The string to convert.
-------------	------------------------

Returns

The byte array representation of the string.

Referenced by [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:



5.2.1.9 toAscii() `static String ce103_hw4_medical_store_lib.ConversionUtility.toAscii (String hexString) [static]`

Converts a hexadecimal string to an ASCII string.

Parameters

<i>hexString</i>	The hexadecimal string to convert.
------------------	------------------------------------

Returns

An ASCII string representing the input hexadecimal string.

5.2.1.10 toByte() `static Byte[] ce103_hw4_medical_store_lib.ConversionUtility.toByte (String hexString) [static]`

Converts a hexadecimal string to an array of bytes.

Parameters

<i>hexString</i>	A string containing hexadecimal digits.
------------------	---

Returns

An array of bytes representing the integer values of the hexadecimal digits in the input string.

5.2.1.11 toByteArray() `static Byte[] ce103_hw4_medical_store_lib.ConversionUtility.toByteArray (String hexString) [static]`

Converts a hexadecimal string to an array of bytes.

Parameters

<i>hexString</i>	The hexadecimal string to be converted.
------------------	---

Returns

An array of bytes representing the hexadecimal string.

Referenced by [ce103_hw4_medical_store_lib.ConversionUtility.isHex\(\)](#).

Here is the caller graph for this function:



5.2.1.12 toHex() `static String ce103_hw4_medical_store_lib.ConversionUtility.toHex (byte[] arr) [static]`

Converts an array of bytes to a hexadecimal string.

Parameters

<i>arr</i>	An array of bytes.
------------	--------------------

Returns

A hexadecimal string representing the integer values of the bytes in the input array.

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

- [ConversionUtility.java](#)

5.3 ce103_hw4_medical_store_lib.Customer Class Reference

Public Member Functions

- int [getId](#) ()
- void [setId](#) (int id)
- String [getName](#) ()
- void [setName](#) (String name)
- String [getCity](#) ()
- void [setCity](#) (String city)
- String [getNum](#) ()
- void [setNum](#) (String num)
- String [getEmail](#) ()
- void [setEmail](#) (String emailID)

Static Public Member Functions

- static byte[] [customerToByteArrayBlock](#) (Customer customer)
- static Customer [ByteArrayBlockToCustomer](#) (byte[] byteArray)

Static Public Attributes

- static final int [ID_LENGTH](#) = 4
- static final int [NAME_LENGTH](#) = 100
- static final int [CITY_LENGTH](#) = 50
- static final int [NUM_LENGTH](#) = 30
- static final int [EMAIL_LENGTH](#) = 50
- static final int [CUSTOMER_DATA_BLOCK_SIZE](#) = [ID_LENGTH](#) + [NAME_LENGTH](#) + [CITY_LENGTH](#) + [NUM_LENGTH](#) + [EMAIL_LENGTH](#)

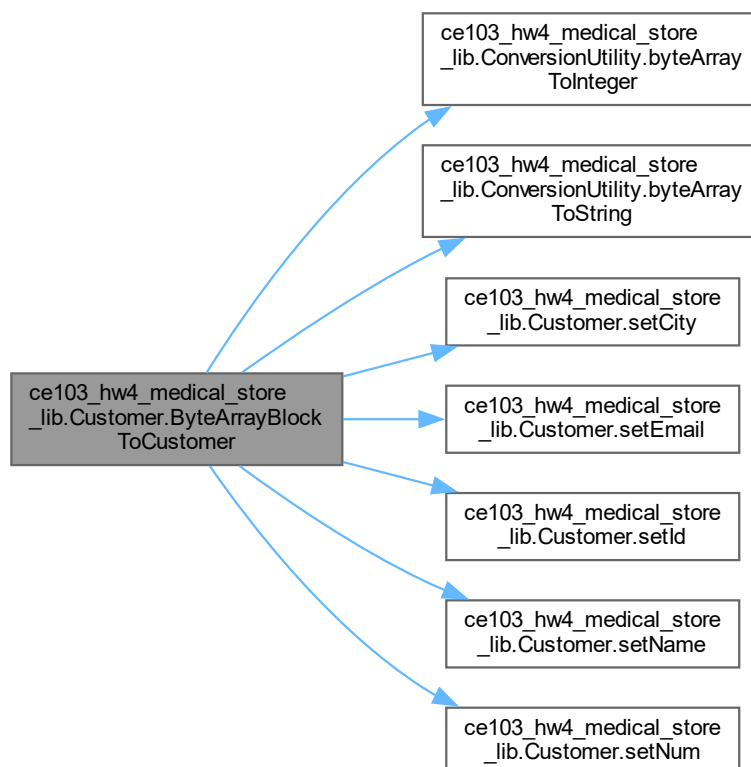
5.3.1 Member Function Documentation

5.3.1.1 ByteArrayBlockToCustomer() static [Customer](#) ce103_hw4_medical_store_lib.Customer.ByteArray↔ArrayBlockToCustomer (
 byte[] byteArray) [static]

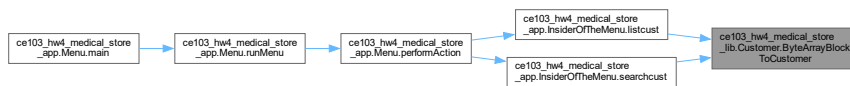
References [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToInteger\(\)](#), [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToString\(\)](#), [ce103_hw4_medical_store_lib.Customer.CITY_LENGTH](#), [ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Customer.EMAIL_LENGTH](#), [ce103_hw4_medical_store_lib.Customer.ID_LENGTH](#), [ce103_hw4_medical_store_lib.Customer.NAME_LENGTH](#), [ce103_hw4_medical_store_lib.Customer.NUM_LENGTH](#), [ce103_hw4_medical_store_lib.Customer.setCity\(\)](#), [ce103_hw4_medical_store_lib.Customer.setEmail\(\)](#), [ce103_hw4_medical_store_lib.Customer.setId\(\)](#), [ce103_hw4_medical_store_lib.Customer.setName\(\)](#), and [ce103_hw4_medical_store_lib.Customer.setNum\(\)](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu...](#)

Here is the call graph for this function:



Here is the caller graph for this function:

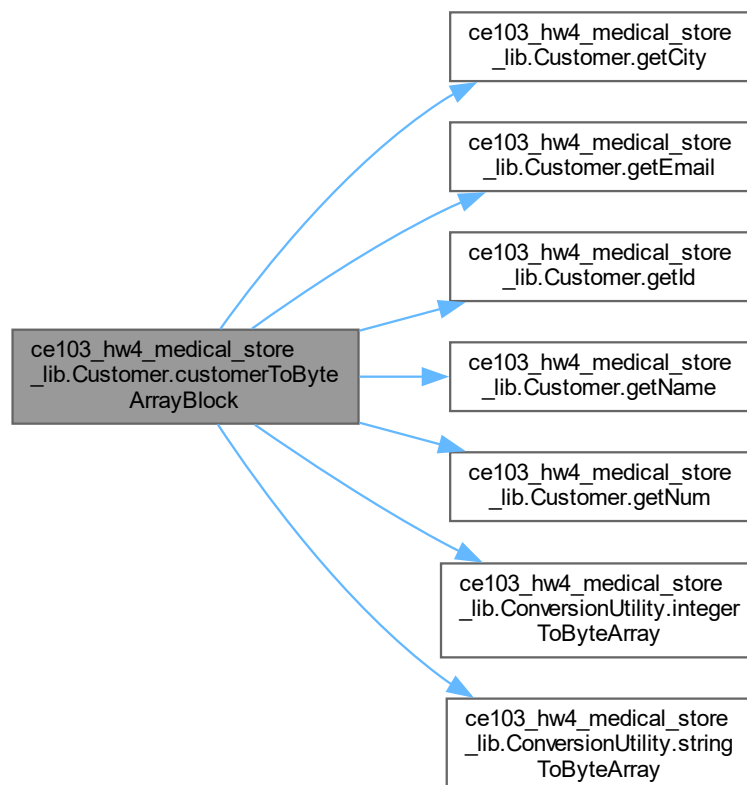


5.3.1.2 customerToByteArrayBlock() `static byte[] ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock (Customer customer) [static]`

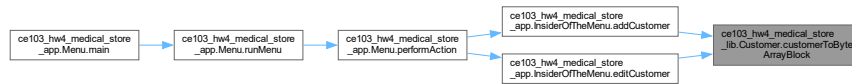
References `ce103_hw4_medical_store_lib.Customer.CITY_LENGTH`, `ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA`, `ce103_hw4_medical_store_lib.Customer.EMAIL_LENGTH`, `ce103_hw4_medical_store_lib.Customer.getCity()`, `ce103_hw4_medical_store_lib.Customer.getEmail()`, `ce103_hw4_medical_store_lib.Customer.getId()`, `ce103_hw4_medical_store_lib.Customer.getNum()`, `ce103_hw4_medical_store_lib.Customer.ID_LENGTH`, `ce103_hw4_medical_store_lib.ConversionUtility.integerToByteArray()`, `ce103_hw4_medical_store_lib.Customer.NAME_LENGTH`, `ce103_hw4_medical_store_lib.Customer.NUM_LENGTH`, and `ce103_hw4_medical_store_lib.ConversionUtility.stringToByteArray()`.

Referenced by `ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer()`, and `ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer()`.

Here is the call graph for this function:



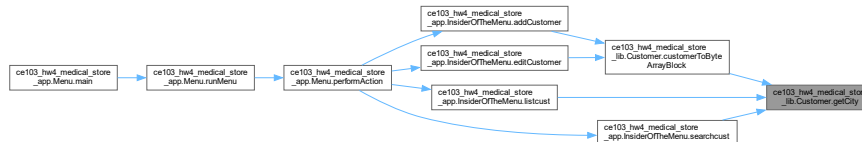
Here is the caller graph for this function:



5.3.1.3 `getCity()` `String ce103_hw4_medical_store_lib.Customer.getCity ()`

Referenced by [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

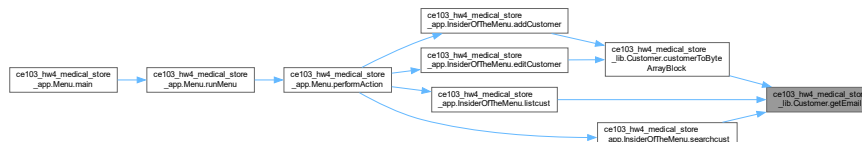
Here is the caller graph for this function:



5.3.1.4 `getEmail()` `String ce103_hw4_medical_store_lib.Customer.getEmail ()`

Referenced by [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

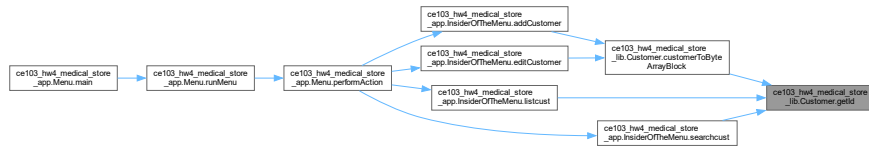
Here is the caller graph for this function:



5.3.1.5 getId() `int ce103_hw4_medical_store_lib.Customer.getId ()`

Referenced by [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

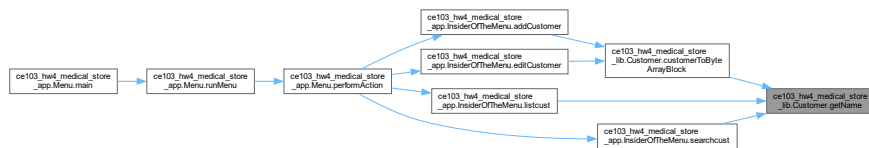
Here is the caller graph for this function:



5.3.1.6 getName() `String ce103_hw4_medical_store_lib.Customer.getName ()`

Referenced by [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

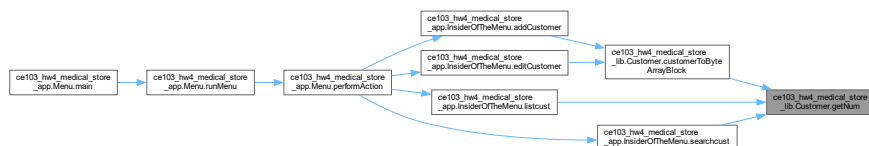
Here is the caller graph for this function:



5.3.1.7 getNum() `String ce103_hw4_medical_store_lib.Customer.getNum ()`

Referenced by [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

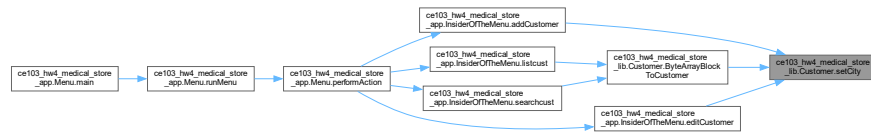
Here is the caller graph for this function:



5.3.1.8 setCity() void ce103_hw4_medical_store_lib.Customer.setCity (
String city)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayToCustomer](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#).

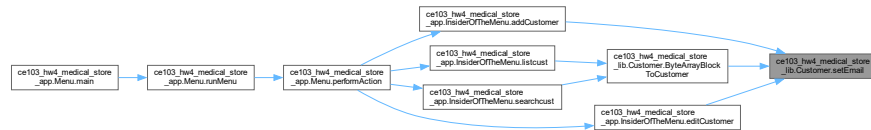
Here is the caller graph for this function:



5.3.1.9 setEmail() void ce103_hw4_medical_store_lib.Customer.setEmail (
String emailID)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayToCustomer](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#).

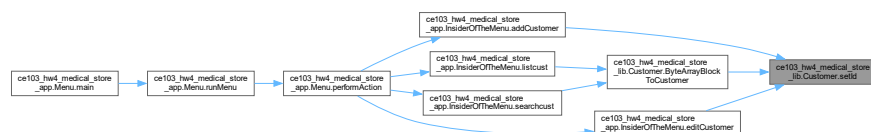
Here is the caller graph for this function:



5.3.1.10 setId() void ce103_hw4_medical_store_lib.Customer.setId (
int id)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayToCustomer](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#).

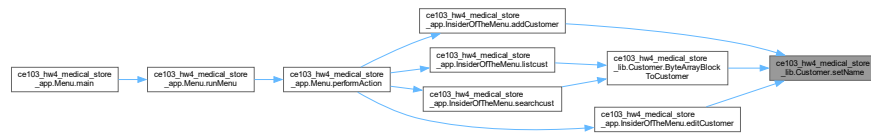
Here is the caller graph for this function:



5.3.1.11 setName() `void ce103_hw4_medical_store_lib.Customer.setName (String name)`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#).

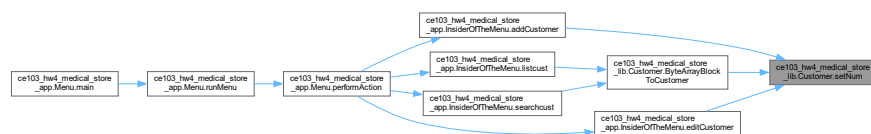
Here is the caller graph for this function:



5.3.1.12 setNum() `void ce103_hw4_medical_store_lib.Customer.setNum (String num)`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#).

Here is the caller graph for this function:



5.3.2 Member Data Documentation

5.3.2.1 CITY_LENGTH `final int ce103_hw4_medical_store_lib.Customer.CITY_LENGTH = 50 [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), and [ce103_hw4_medical_store_lib.Customer.cust](#).

5.3.2.2 CUSTOMER_DATA_BLOCK_SIZE `final int ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA_BLOCK_SIZE = ID_LENGTH + NAME_LENGTH + CITY_LENGTH + NUM_LENGTH + EMAIL_LENGTH [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), [ce103_hw4_medical_store_lib.Customer.cust](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

5.3.2.3 EMAIL_LENGTH `final int ce103_hw4_medical_store_lib.Customer.EMAIL_LENGTH = 50 [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), and [ce103_hw4_medical_store_lib.Customer.](#)

5.3.2.4 ID_LENGTH `final int ce103_hw4_medical_store_lib.Customer.ID_LENGTH = 4 [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), and [ce103_hw4_medical_store_lib.Customer.](#)

5.3.2.5 NAME_LENGTH `final int ce103_hw4_medical_store_lib.Customer.NAME_LENGTH = 100 [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), and [ce103_hw4_medical_store_lib.Customer.](#)

5.3.2.6 NUM_LENGTH `final int ce103_hw4_medical_store_lib.Customer.NUM_LENGTH = 30 [static]`

Referenced by [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), and [ce103_hw4_medical_store_lib.Customer.](#)

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

- [Customer.java](#)

5.4 ce103_hw4_medical_store_lib.FileUtility Class Reference

Static Public Member Functions

- static boolean [deleteFile](#) (String path)
- static byte[] [readBlock](#) (int count, int blockSize, String path) throws IOException
- static boolean [appendBlock](#) (byte[] data, String path) throws IOException
- static boolean [updateBlock](#) (byte[] data, int count, int blockSize, String path) throws IOException
- static boolean [deleteBlock](#) (int count, int blockSize, String path) throws IOException

5.4.1 Member Function Documentation

5.4.1.1 appendBlock() `static boolean ce103_hw4_medical_store_lib.FileUtility.appendBlock (byte[] data, String path) throws IOException [static]`

Appends a block of data to a file at the specified path.

Parameters

<i>data</i>	The data to append to the file.
<i>path</i>	The path of the file to append to.

Returns

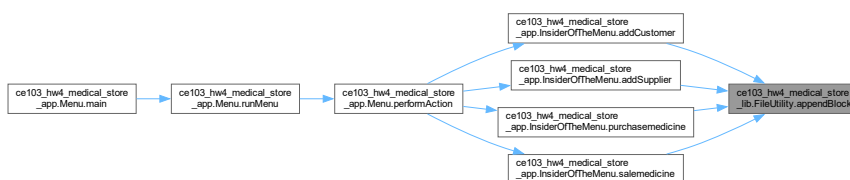
True if the data was successfully appended to the file, false otherwise.

Exceptions

<i>IOException</i>	If an I/O error occurs while writing to the file.
--------------------	---

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchaseMedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.saleMedicine\(\)](#).

Here is the caller graph for this function:



5.4.1.2 deleteBlock() `static boolean ce103_hw4_medical_store_lib.FileUtility.deleteBlock (int count, int blockSize, String path) throws IOException [static]`

Deletes a block of data from a file at the specified path.

Parameters

<i>count</i>	The block number to delete (1-based).
<i>blockSize</i>	The size of each block in bytes.
<i>path</i>	The path of the file to delete from.

Returns

True if the data was successfully deleted from the file, false otherwise.

Exceptions

<i>IOException</i>	If an I/O error occurs while writing to the file.
--------------------	---

5.4.1.3 deleteFile() `static boolean ce103_hw4_medical_store_lib.FileUtility.deleteFile (String path) [static]`

Deletes a file at the specified path.

Parameters

<i>path</i>	The path of the file to delete.
-------------	---------------------------------

Returns

True if the file was successfully deleted, false otherwise.

5.4.1.4 readBlock() `static byte[] ce103_hw4_medical_store_lib.FileUtility.readBlock (int count, int blockSize, String path) throws IOException [static]`

Reads a block of bytes from a file at the specified path.

Parameters

<i>count</i>	The block number to read (1-based).
<i>blockSize</i>	The size of each block in bytes.
<i>path</i>	The path of the file to read from.

Returns

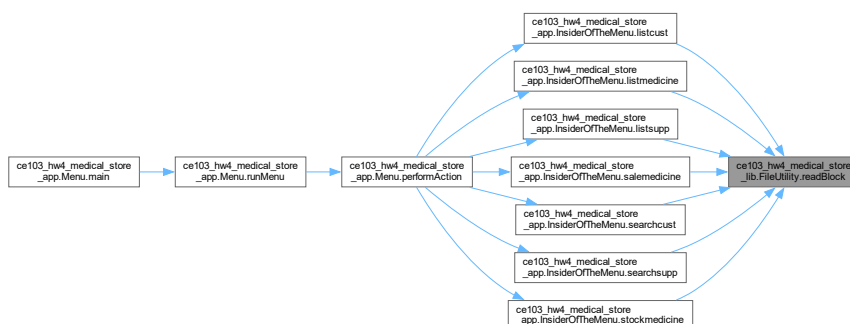
The byte array containing the block of data read from the file.

Exceptions

<i>IOException</i>	If an I/O error occurs while reading the file.
--------------------	--

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listtr](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#).

Here is the caller graph for this function:



5.4.1.5 updateBlock() `static boolean ce103_hw4_medical_store_lib.FileUtility.updateBlock (byte[] data, int count, int blockSize, String path) throws IOException [static]`

Updates a block of data in a file at the specified path.

Parameters

<i>data</i>	The data to update in the file.
<i>count</i>	The block number to update (1-based).
<i>blockSize</i>	The size of each block in bytes.
<i>path</i>	The path of the file to update.

Returns

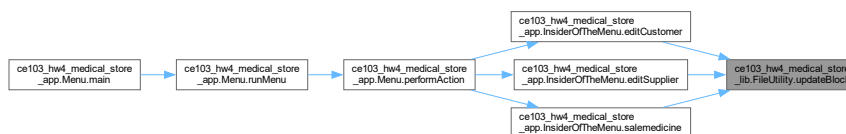
True if the data was successfully updated in the file, false otherwise.

Exceptions

<i>IOException</i>	If an I/O error occurs while writing to the file.
--------------------	---

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#).

Here is the caller graph for this function:



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

- [FileUtility.java](#)

5.5 ce103_hw4_medical_store_app.InsiderOfTheMenu Class Reference

Public Member Functions

- int [getInput](#) ()
- void [clear](#) ()
- void [supplier](#) ()
- void [listsupp](#) () throws IOException
- void [listcust](#) () throws IOException
- void [listmedicine](#) () throws IOException
- void [stockmedicine](#) () throws IOException
- void [customer](#) ()
- void [medicine](#) () throws IOException
- void [report](#) ()
- void [addSupplier](#) ()
- void [addCustomer](#) ()
- void [editSupplier](#) ()
- void [editCustomer](#) ()
- void [purchasemedicine](#) ()
- void [searchsupp](#) () throws IOException
- void [searchcust](#) () throws IOException
- void [salemedicine](#) () throws IOException

Static Public Member Functions

- static void [mainmenu](#) ()
- static void [main_box](#) ()
- static void [box1](#) ()
- static void [medicinebox](#) ()

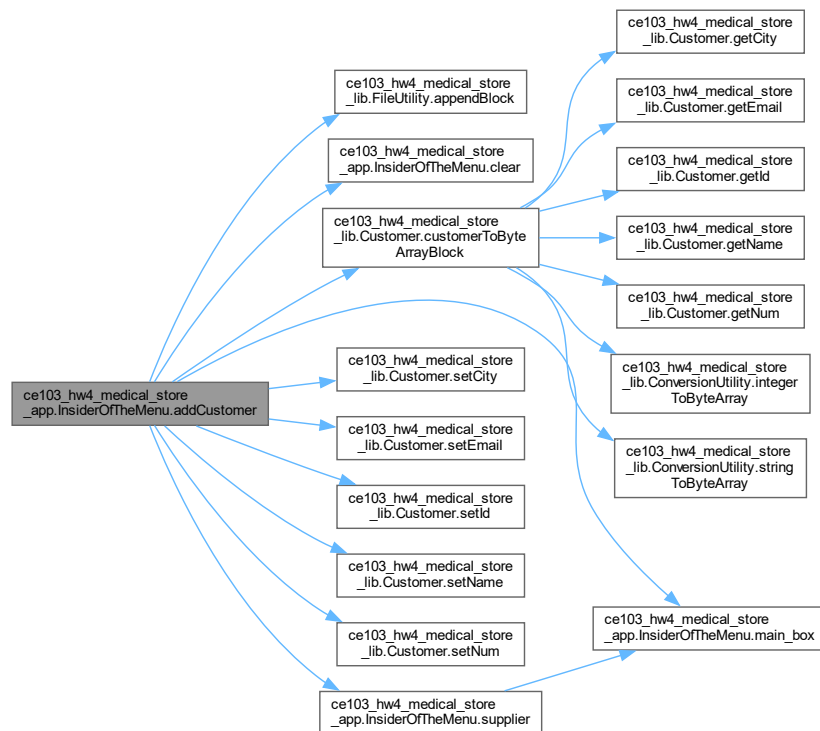
5.5.1 Member Function Documentation

5.5.1.1 addCustomer() void ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer ()

References [ce103_hw4_medical_store_lib.FileUtility.appendBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_lib.Customer.customerToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box](#), [ce103_hw4_medical_store_lib.Customer.setCity\(\)](#), [ce103_hw4_medical_store_lib.Customer.setEmail\(\)](#), [ce103_hw4_medical_store_lib.Customer.setName\(\)](#), [ce103_hw4_medical_store_lib.Customer.setNum\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



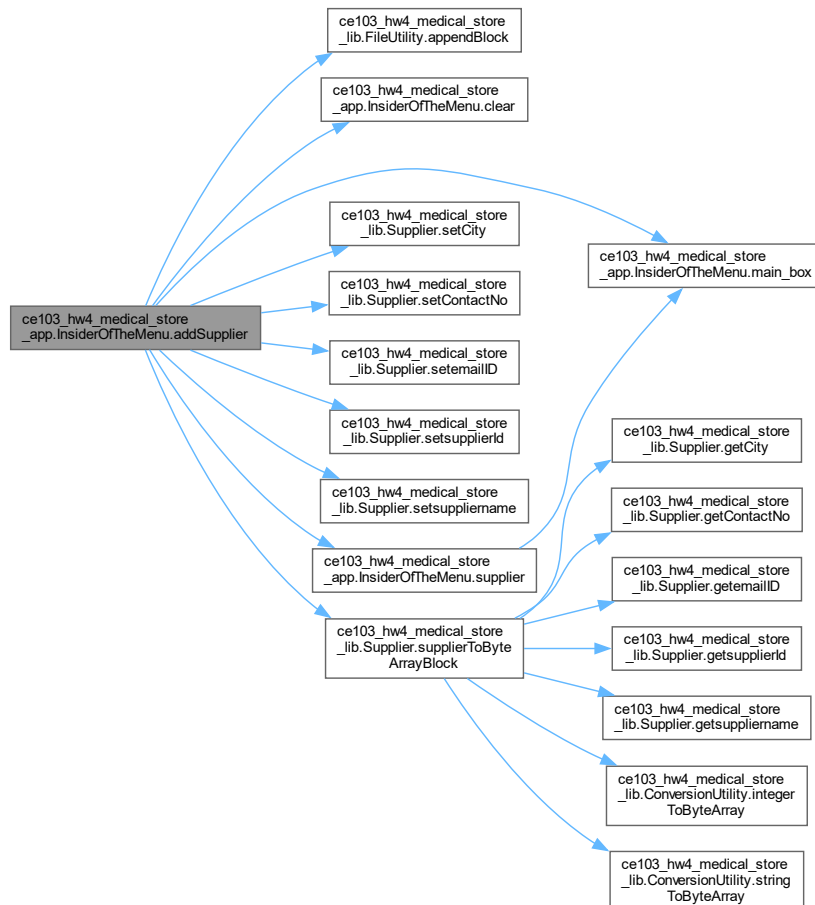
5.5.1.2 addSupplier() void ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier ()

References [ce103_hw4_medical_store_lib.FileUtility.appendBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setContactNo\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.setemailID\(\)](#).

[ce103_hw4_medical_store_lib.Supplier.setsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setsuppliername\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock](#)

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



5.5.1.3 `box1()` `static void ce103_hw4_medical_store_app.InsiderOfTheMenu.box1 () [static]`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.mainmenu\(\)](#).

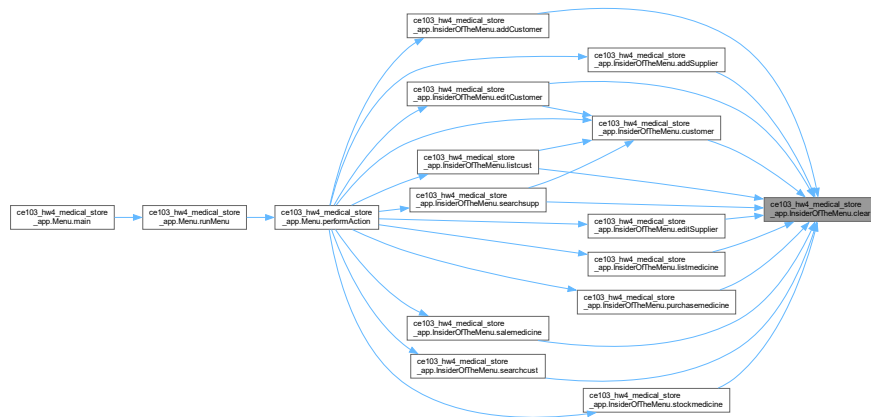
Here is the caller graph for this function:



5.5.1.4 clear() void ce103_hw4_medical_store_app.InsiderOfTheMenu.clear ()

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#).

Here is the caller graph for this function:

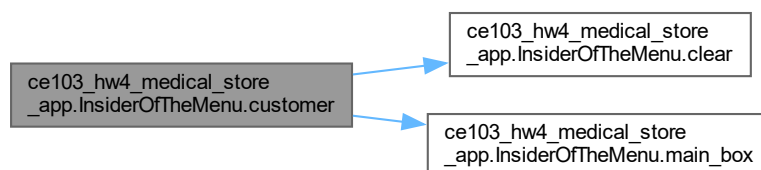


5.5.1.5 customer() void ce103_hw4_medical_store_app.InsiderOfTheMenu.customer ()

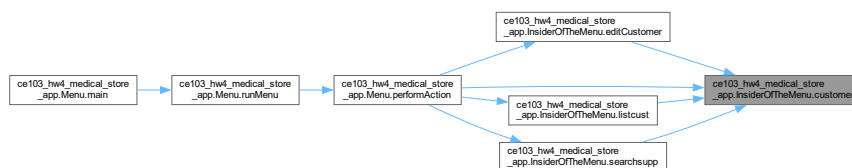
References [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.mainMenu](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

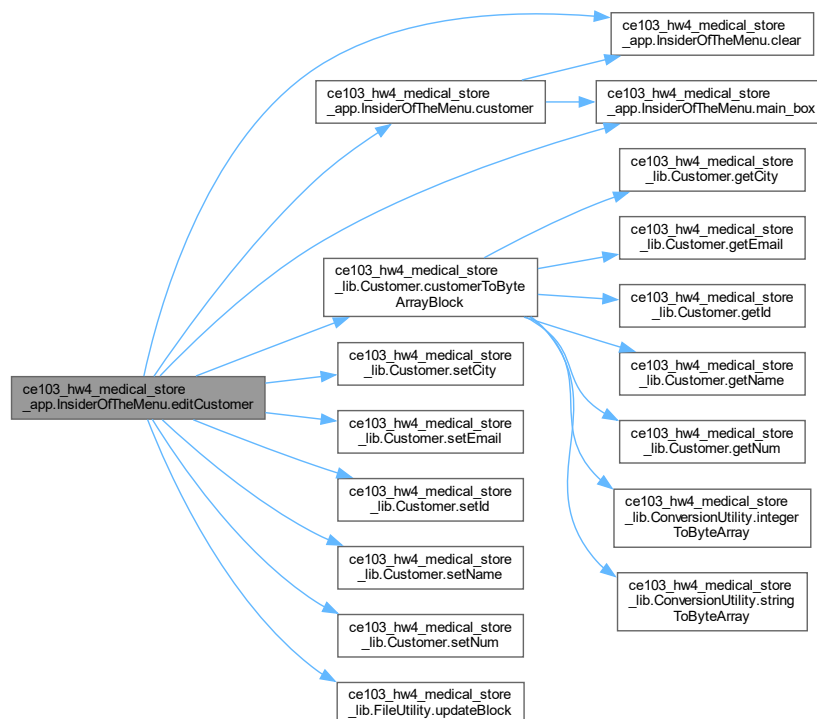


5.5.1.6 editCustomer() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer ()`

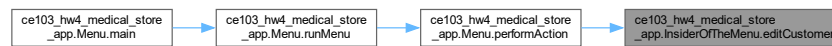
References [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer](#), [ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Customer.customerToByte](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.Customer.setCity\(\)](#), [ce103_hw4_medical_store_lib.Customer.setEmail\(\)](#), [ce103_hw4_medical_store_lib.Customer.setId\(\)](#), [ce103_hw4_medical_store_lib.Customer.setName\(\)](#), [ce103_hw4_medical_store_lib.Customer.setNum\(\)](#), and [ce103_hw4_medical_store_lib.FileUtility.updateBlock\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

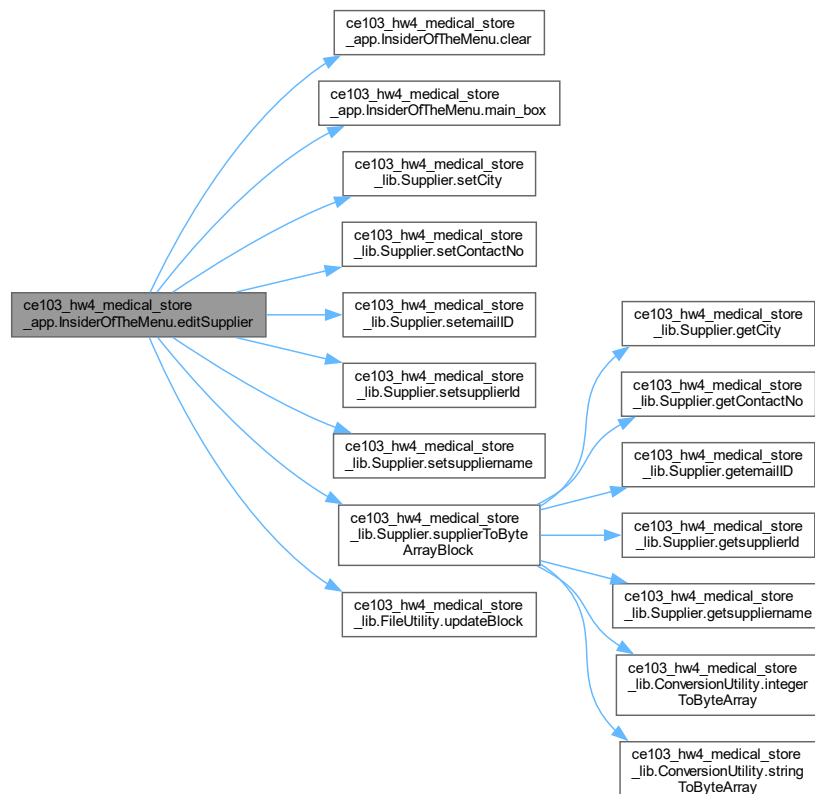


5.5.1.7 editSupplier() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier ()`

References [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box](#), [ce103_hw4_medical_store_lib.Supplier.setCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setContactNo\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setsuppliername\(\)](#), [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Supplier.supplierToByteArray](#) and [ce103_hw4_medical_store_lib.FileUtility.updateBlock\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



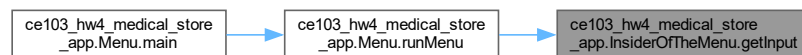
Here is the caller graph for this function:



5.5.1.8 getInput() `int ce103_hw4_medical_store_app.InsiderOfTheMenu.getInput ()`

Referenced by [ce103_hw4_medical_store_app.Menu.runMenu\(\)](#).

Here is the caller graph for this function:

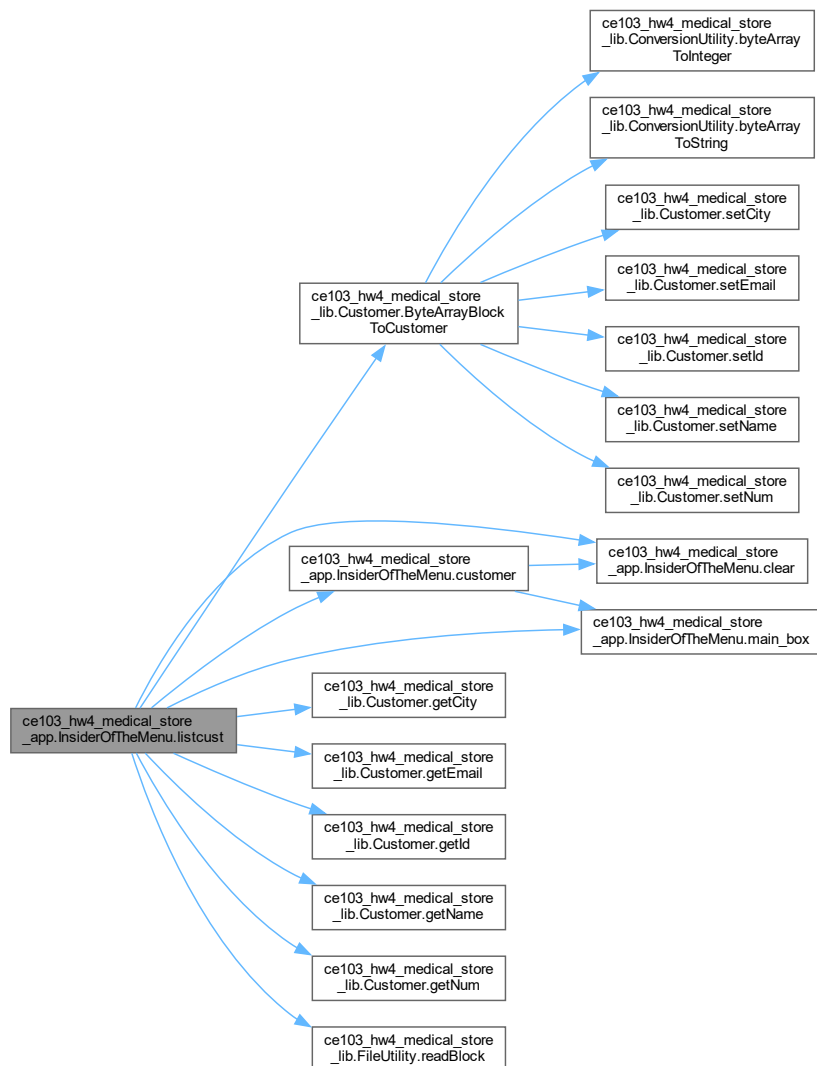


5.5.1.9 listcust() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust () throws IOException`

References [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA_BLOCK\(\)](#), [ce103_hw4_medical_store_lib.Customer.getCity\(\)](#), [ce103_hw4_medical_store_lib.Customer.getEmail\(\)](#), [ce103_hw4_medical_store_lib.Customer.getName\(\)](#), [ce103_hw4_medical_store_lib.Customer.getNum\(\)](#), [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#), and [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



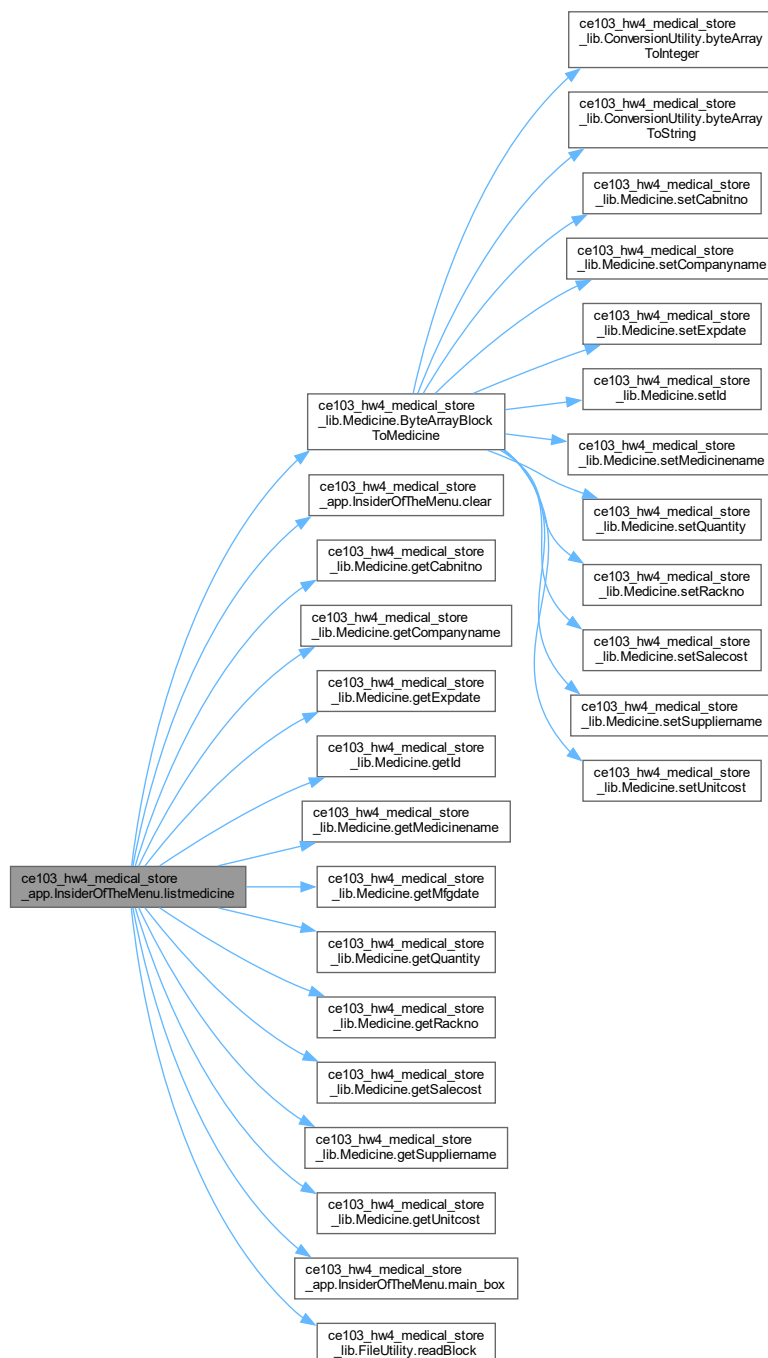
5.5.1.10 listmedicine() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine () throws IOException`

References [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.runMenu\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getCabnitno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getCompanyname\(\)](#),

ce103_hw4_medical_store_lib.Medicine.getExpdate(), ce103_hw4_medical_store_lib.Medicine.getId(), ce103_hw4_medical_store_lib.Medicine.getMfgdate(), ce103_hw4_medical_store_lib.Medicine.getQuantity(), ce103_hw4_medical_store_lib.Medicine.getRackno(), ce103_hw4_medical_store_lib.Medicine.getSalecost(), ce103_hw4_medical_store_lib.Medicine.getSuppliername(), ce103_hw4_medical_store_lib.Medicine.getUnitcost(), ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box(), ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK and ce103_hw4_medical_store_lib.FileUtility.readBlock().

Referenced by ce103_hw4_medical_store_app.Menu.performAction().

Here is the call graph for this function:



Here is the caller graph for this function:

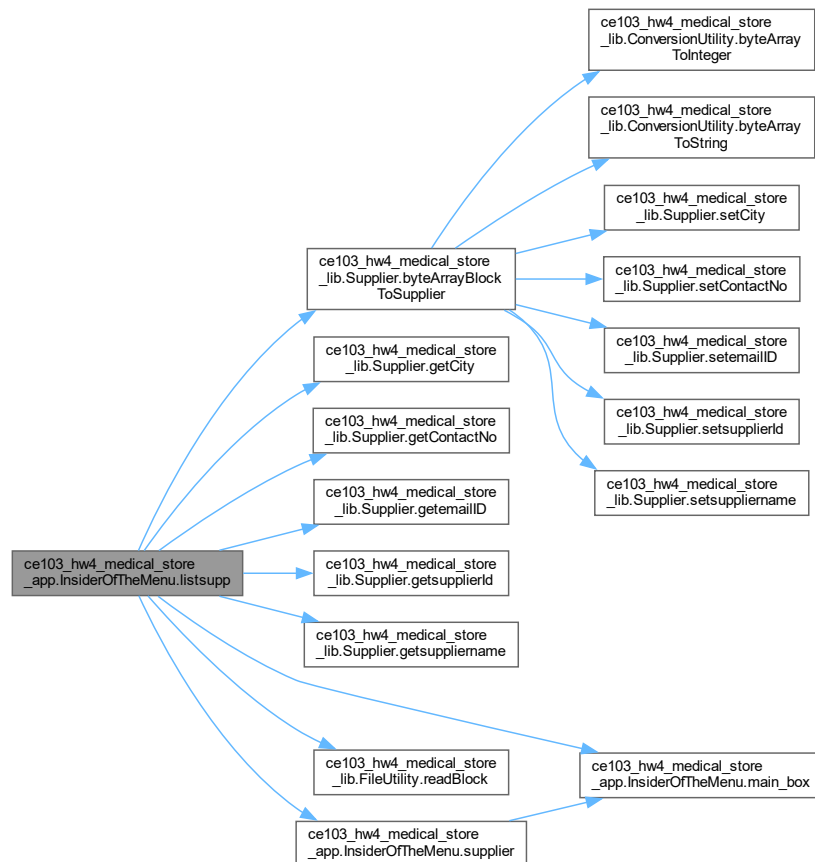


5.5.1.11 listsupp() void ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp () throws IOException

References [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getContactNo\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getemailID\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsuppliername\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK](#)

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



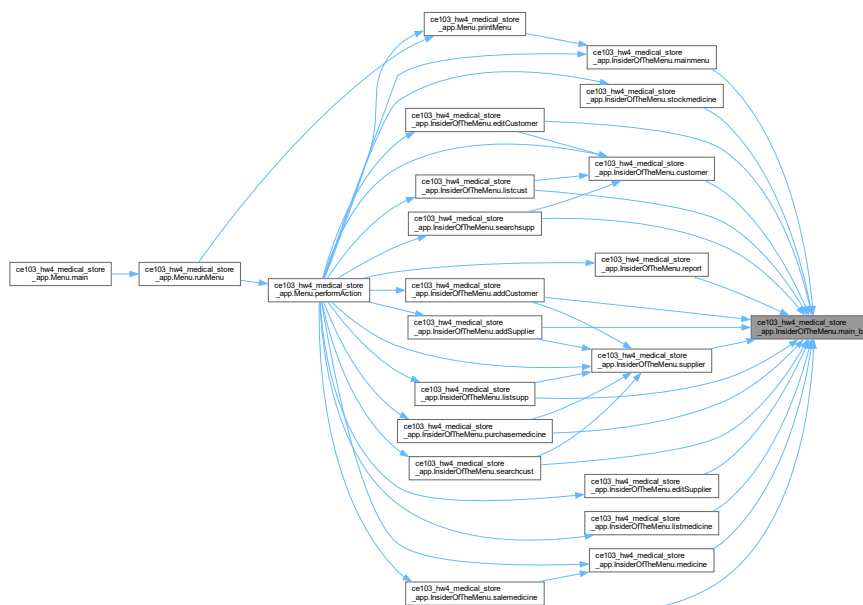
Here is the caller graph for this function:



5.5.1.12 main_box() static void ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box ()
[static]

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.mainmenu\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.medicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.report\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#).

Here is the caller graph for this function:

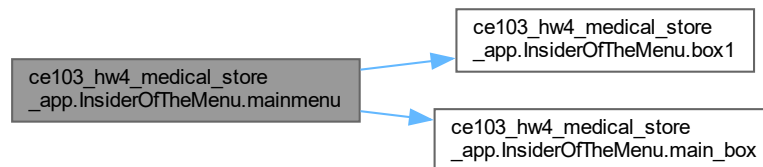


5.5.1.13 mainmenu() `static void ce103_hw4_medical_store_app.InsiderOfTheMenu.mainmenu ()`
`[static]`

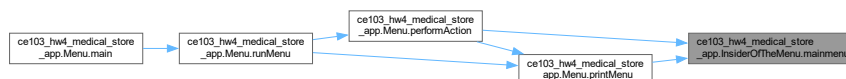
References [ce103_hw4_medical_store_app.InsiderOfTheMenu.box1\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.main](#)

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.Menu.printMenu\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



5.5.1.14 medicine() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.medicine ()` throws `IOException`

References [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine](#)

Here is the call graph for this function:



Here is the caller graph for this function:



5.5.1.15 medicinebox() static void ce103_hw4_medical_store_app.InsiderOfTheMenu.medicinebox () [static]

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

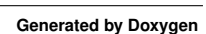
Here is the caller graph for this function:



5.5.1.16 purchasemedicine() void ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine ()

References [ce103_hw4_medical_store_lib.FileUtility.appendBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setCabnitno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setCompanyname\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setExpdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setId\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setQuantity\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setRackno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSalecost\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSuppliername\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setUnitcost\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).



5.5.1.17 report() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.report ()`

References [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



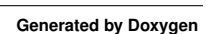
Here is the caller graph for this function:



5.5.1.18 salemedicine() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine ()`
 throws `IOException`

References [ce103_hw4_medical_store_lib.FileUtility.appendBlock\(\)](#), [ce103_hw4_medical_store_lib.Bill.bookToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getCabnitno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getCompanyname\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getExpdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getId\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getMfgdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getQuantity\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getRackno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getSalecost\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getSuppliername\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getUnitcost\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.medicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.medicineToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#), [ce103_hw4_medical_store_lib.Bill.setBillno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setCabnitno\(\)](#), [ce103_hw4_medical_store_lib.Bill.setcustomername\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setExpdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setId\(\)](#), [ce103_hw4_medical_store_lib.Bill.setmedicinename\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setMfgdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setQuantity\(\)](#), [ce103_hw4_medical_store_lib.Bill.setquantity\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setRackno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSalecost\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSuppliername\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setUnitcost\(\)](#), and [ce103_hw4_medical_store_lib.FileUtility.updateBlock\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

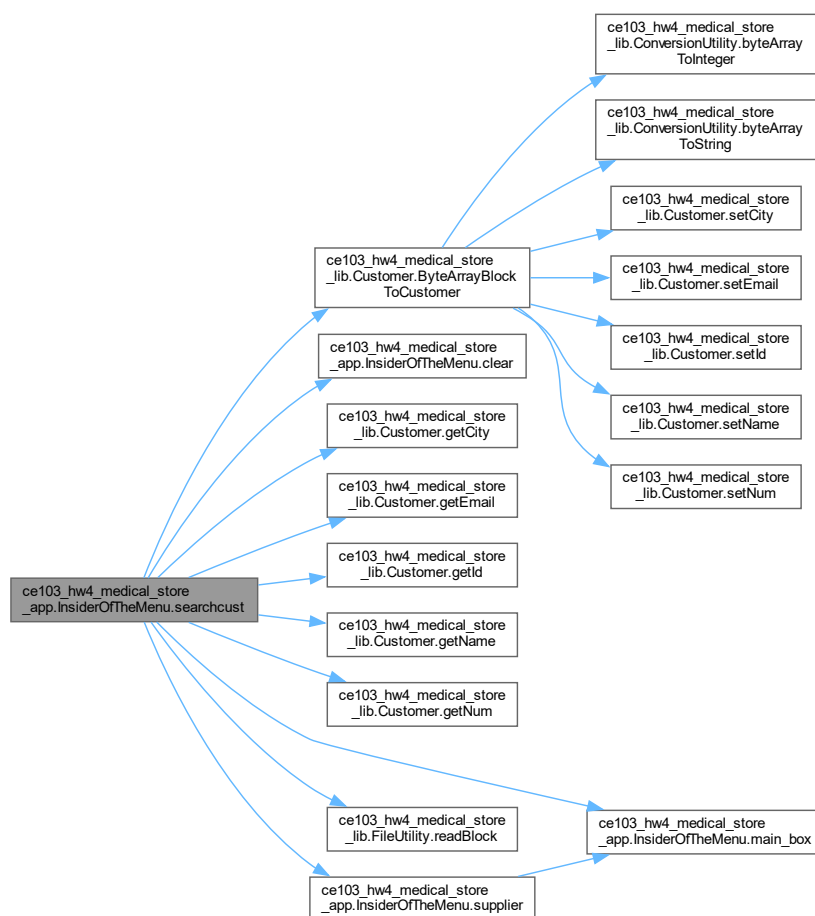


5.5.1.19 searchcust() void ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust () throws IOException

References [ce103_hw4_medical_store_lib.Customer.ByteArrayBlockToCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.ce103_hw4_medical_store_lib.Customer.CUSTOMER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Customer.getCity\(\)](#), [ce103_hw4_medical_store_lib.Customer.getEmail\(\)](#), [ce103_hw4_medical_store_lib.Customer.getId\(\)](#), [ce103_hw4_medical_store_lib.Customer.getNum\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

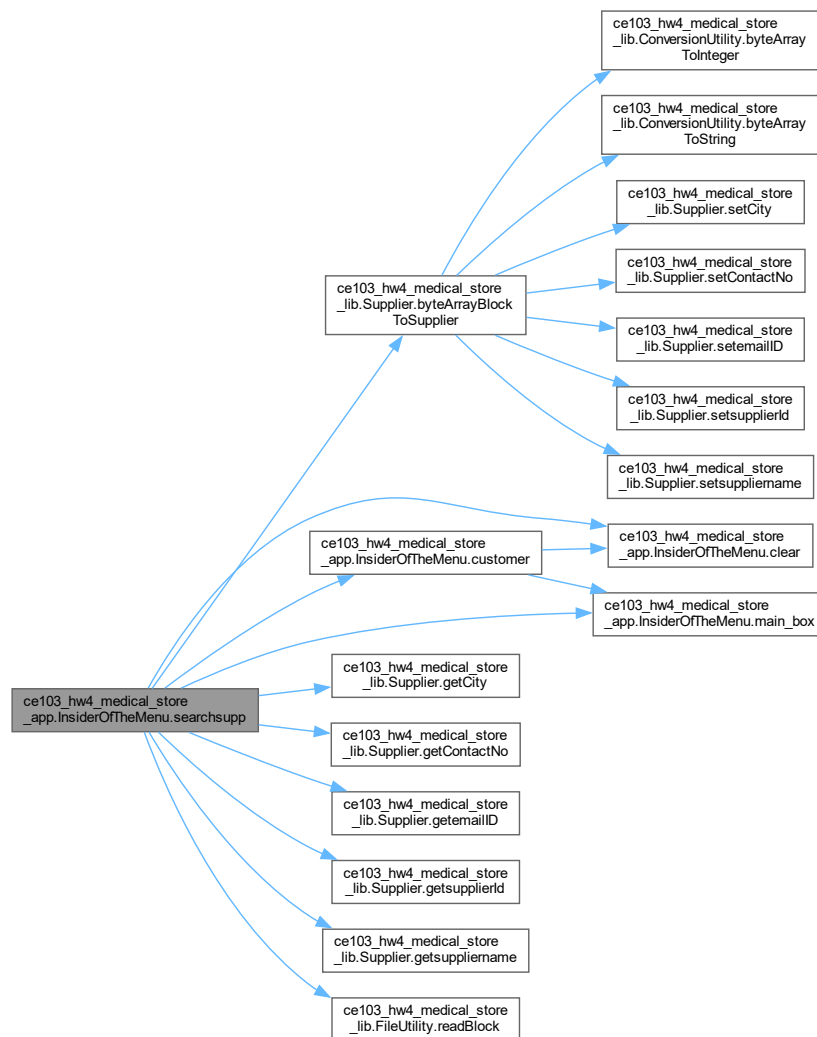


5.5.1.20 searchsupp() void ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp () throws IOException

References [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.customer\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getContactNo\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getemailID\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsuppliername\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK_SIZE](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

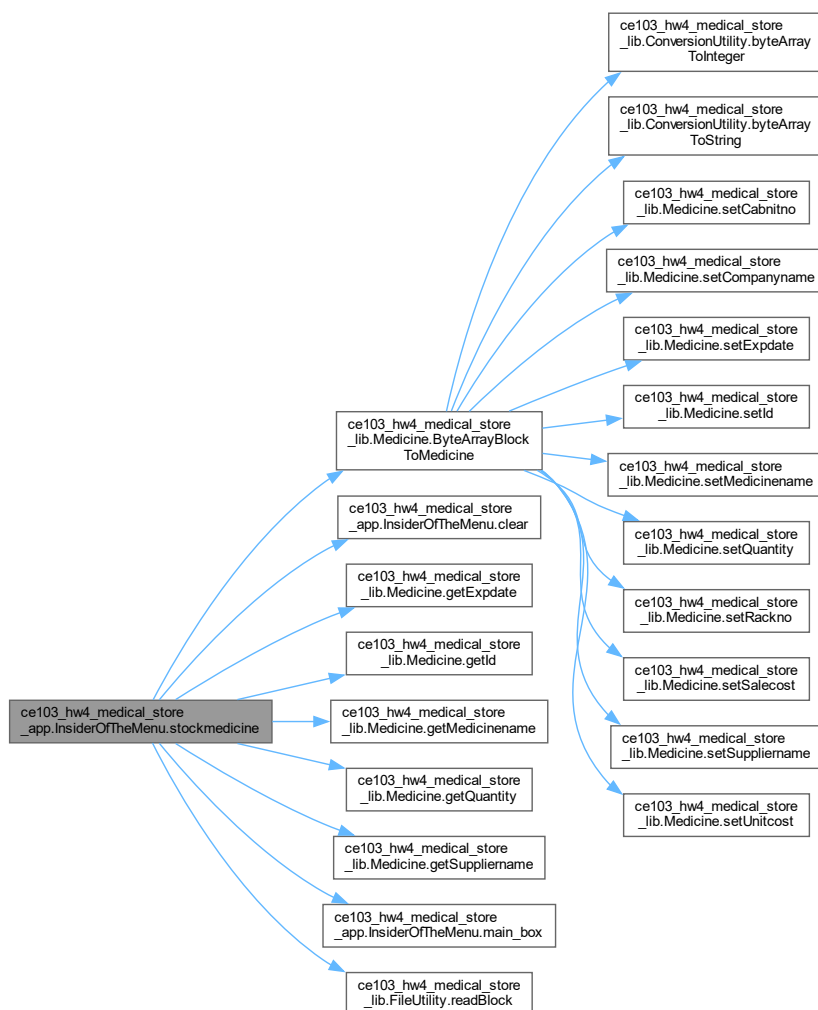


5.5.1.21 stockmedicine() void ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine ()
throws IOException

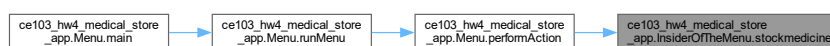
References [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.clear\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getExpdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getId\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getQuantity\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getSuppliername\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#), [ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK](#) and [ce103_hw4_medical_store_lib.FileUtility.readBlock\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

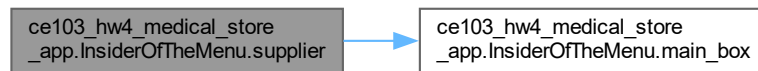


5.5.1.22 supplier() `void ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier ()`

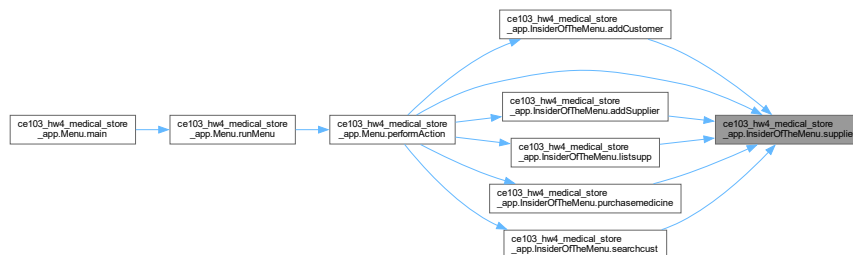
References [ce103_hw4_medical_store_app.InsiderOfTheMenu.main_box\(\)](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



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

- [InsiderOfTheMenu.java](#)

5.6 ce103_hw4_medical_store_lib.Medicine Class Reference

Public Member Functions

- `int getId ()`
- `void setId (int id)`
- `String getMedicinename ()`
- `void setMedicinename (String medicinename)`
- `String getRackno ()`
- `void setRackno (String rackno)`
- `String getCabnitno ()`
- `void setCabnitno (String cabnitno)`
- `String getCompanyname ()`

- void [setCompanyname](#) (String companyname)
- String [getSuppliername](#) ()
- void [setSuppliername](#) (String suppliername)
- int [getUnitcost](#) ()
- void [setUnitcost](#) (int unitcost)
- int [getSalecost](#) ()
- void [setSalecost](#) (int salecost)
- int [getQuantity](#) ()
- void [setQuantity](#) (int quantity)
- int [getMfgdate](#) ()
- void [setMfgdate](#) (int mfgdate)
- String [getExpdate](#) ()
- void [setExpdate](#) (String expdate)

Static Public Member Functions

- static byte[] [medicineToByteArrayBlock](#) ([Medicine](#) book)
- static [Medicine](#) [ByteArrayBlockToMedicine](#) (byte[] byteArray)

Static Public Attributes

- static final int [ID_LENGTH](#) = 4
- static final int [MEDICINENAME_MAX_LENGTH](#) = 25
- static final int [RACKNO_MAX_LENGTH](#) = 9
- static final int [CABNITNO_MAX_LENGTH](#) = 25
- static final int [COMPANYNAME_MAX_LENGTH](#) = 25
- static final int [SUPPLIERNAME_MAX_LENGTH](#) = 25
- static final int [MFGDATE_MAX_LENGTH](#) = 10
- static final int [EXPDATE_MAX_LENGTH](#) = 10
- static final int [UNITCOST_LENGTH](#) = 9
- static final int [SALECOST_LENGTH](#) = 9
- static final int [QUANTITY_LENGTH](#) = 9
- static final int [MEDICINE_DATA_BLOCK_SIZE](#) = [ID_LENGTH](#) + [MEDICINENAME_MAX_LENGTH](#) + [UNITCOST_LENGTH](#) + [SALECOST_LENGTH](#) + [RACKNO_MAX_LENGTH](#) + [CABNITNO_MAX_LENGTH](#) + [COMPANYNAME_MAX_LENGTH](#) + [SUPPLIERNAME_MAX_LENGTH](#)

5.6.1 Member Function Documentation

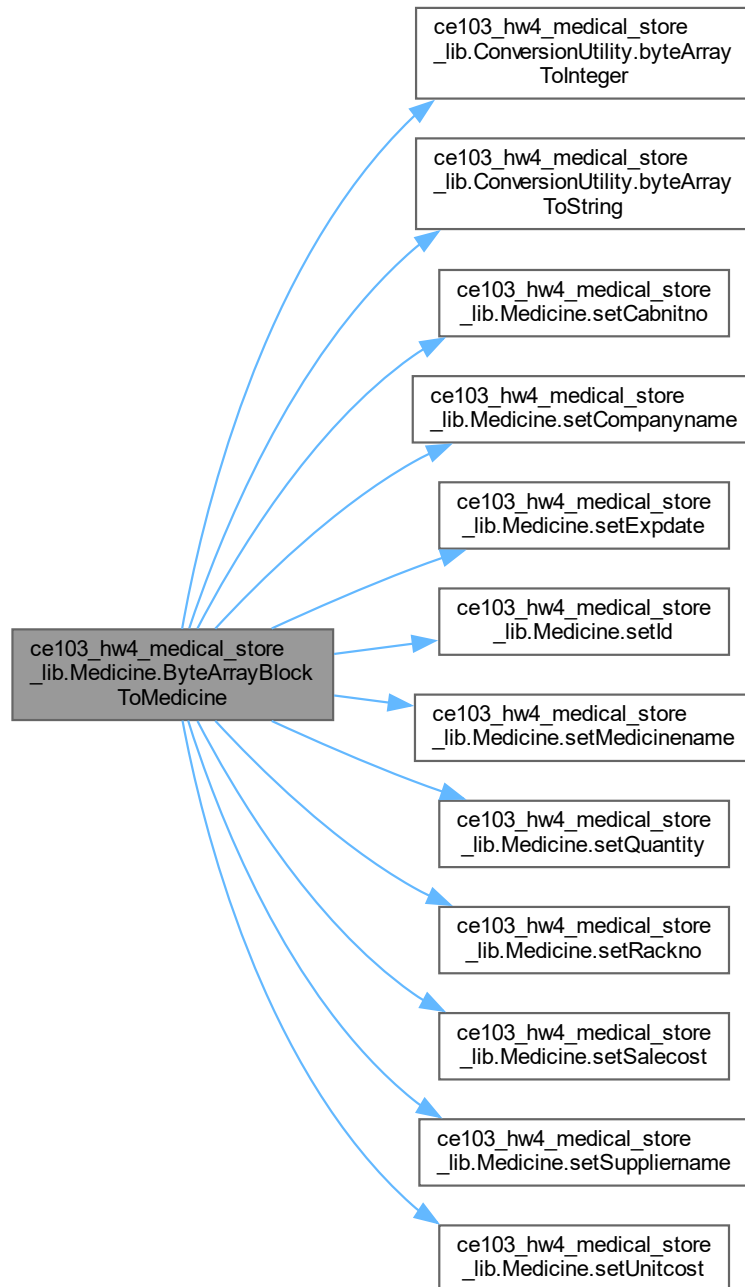
5.6.1.1 ByteArrayBlockToMedicine() static [Medicine](#) ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine (byte[] byteArray) [static]

References [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToInteger\(\)](#), [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToInteger\(\)](#), [ce103_hw4_medical_store_lib.Medicine.CABNITNO_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.COMPANYNAME_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.EXPDATE_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.ID_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Medicine.MEDICINENAME_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.MFGDATE_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.QUANTITY_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.RACKNO_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.SALECOST_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.setCabnitno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setCompanyname\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setExpdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setMfgdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setQuantity\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSalecost\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setUnitcost\(\)](#), [ce103_hw4_medical_store_lib.Medicine.setSuppliername\(\)](#)

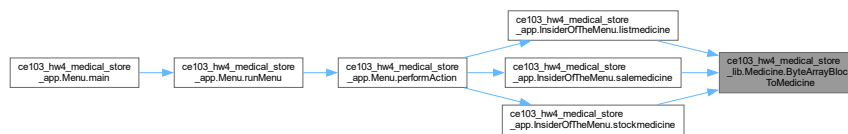
`ce103_hw4_medical_store_lib.Medicine.setQuantity()`, `ce103_hw4_medical_store_lib.Medicine.setRackno()`, `ce103_hw4_medical_store_lib.Medicine.setSalecost()`, `ce103_hw4_medical_store_lib.Medicine.setSuppliername()`, `ce103_hw4_medical_store_lib.Medicine.setUnitcost()`, `ce103_hw4_medical_store_lib.Medicine.SUPPLIERNAME_MAX_LENGTH`, and `ce103_hw4_medical_store_lib.Medicine.UNITCOST_LENGTH`.

Referenced by `ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine()`, `ce103_hw4_medical_store_app.InsiderOfTheMenu` and `ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine()`.

Here is the call graph for this function:



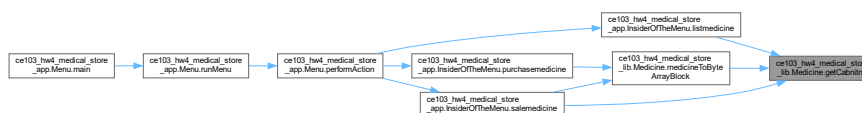
Here is the caller graph for this function:



5.6.1.2 getCabnitno() `String ce103_hw4_medical_store_lib.Medicine.getCabnitno ()`

Referenced by [ce103_hw4_medical_store_app.InsideOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicinetoblock\(\)](#) and [ce103_hw4_medical_store_app.InsideOfTheMenu.salemedicine\(\)](#).

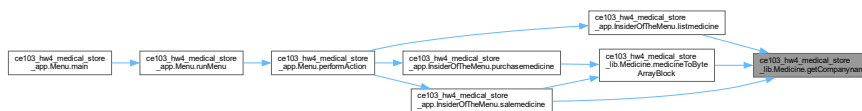
Here is the caller graph for this function:



5.6.1.3 getCompanyname() `String ce103_hw4_medical_store_lib.Medicine.getCompanyname ()`

Referenced by [ce103_hw4_medical_store_app.InsideOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicinetoblock\(\)](#) and [ce103_hw4_medical_store_app.InsideOfTheMenu.salemedicine\(\)](#).

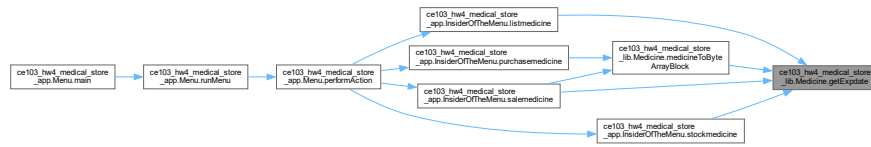
Here is the caller graph for this function:



5.6.1.4 getExpdate() `String ce103_hw4_medical_store_lib.Medicine.getExpdate ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByte\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#)

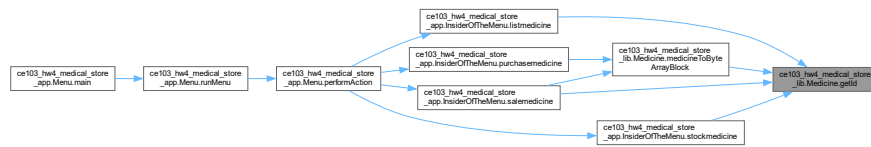
Here is the caller graph for this function:



5.6.1.5 getId() `int ce103_hw4_medical_store_lib.Medicine.getId ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByte\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#)

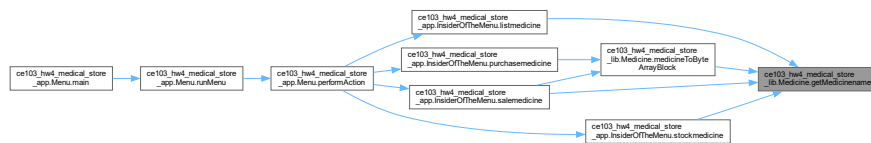
Here is the caller graph for this function:



5.6.1.6 getMedicinename() `String ce103_hw4_medical_store_lib.Medicine.getMedicinename ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicineToByte\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#)

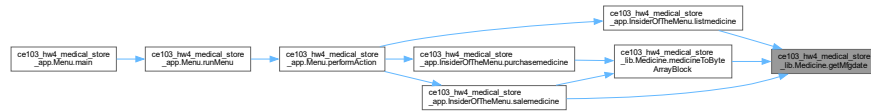
Here is the caller graph for this function:



5.6.1.7 getMfgdate() `int ce103_hw4_medical_store_lib.Medicine.getMfgdate ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicinetobyteArrayBlock](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

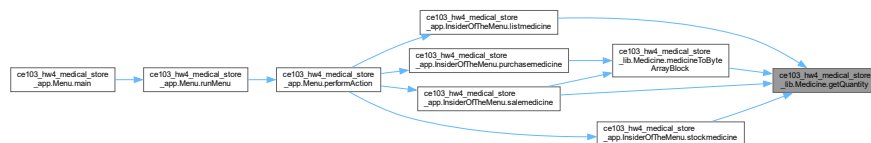
Here is the caller graph for this function:



5.6.1.8 getQuantity() `int ce103_hw4_medical_store_lib.Medicine.getQuantity ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicinetobyteArrayBlock](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine\(\)](#).

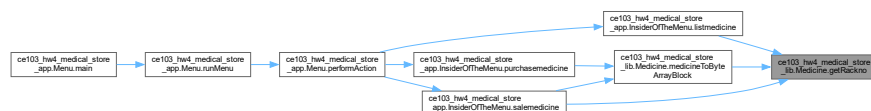
Here is the caller graph for this function:



5.6.1.9 getRackno() `String ce103_hw4_medical_store_lib.Medicine.getRackno ()`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine\(\)](#), [ce103_hw4_medical_store_lib.Medicine.medicinetobyteArrayBlock](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

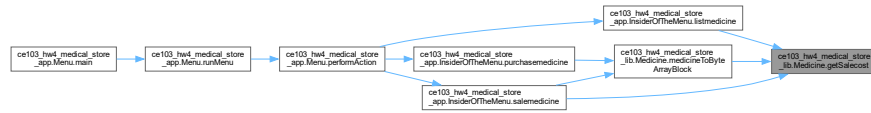
Here is the caller graph for this function:



5.6.1.10 `getSalecost()` `int ce103_hw4_medical_store_lib.Medicine.getSalecost ()`

Referenced by `ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine()`, `ce103_hw4_medical_store_lib.Medicine.medicineTo` and `ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine()`.

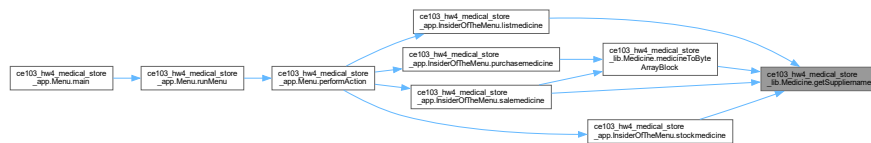
Here is the caller graph for this function:



5.6.1.11 `getSuppliername()` `String ce103_hw4_medical_store_lib.Medicine.getSuppliername ()`

Referenced by `ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine()`, `ce103_hw4_medical_store_lib.Medicine.medicineTo`, `ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine()`, and `ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine()`.

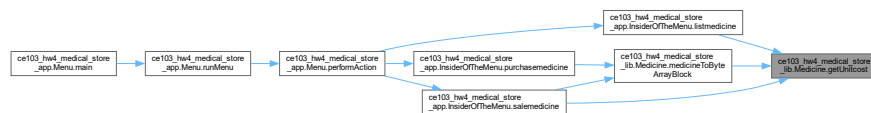
Here is the caller graph for this function:



5.6.1.12 `getUnitcost()` `int ce103_hw4_medical_store_lib.Medicine.getUnitcost ()`

Referenced by `ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine()`, `ce103_hw4_medical_store_lib.Medicine.medicineTo` and `ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine()`.

Here is the caller graph for this function:

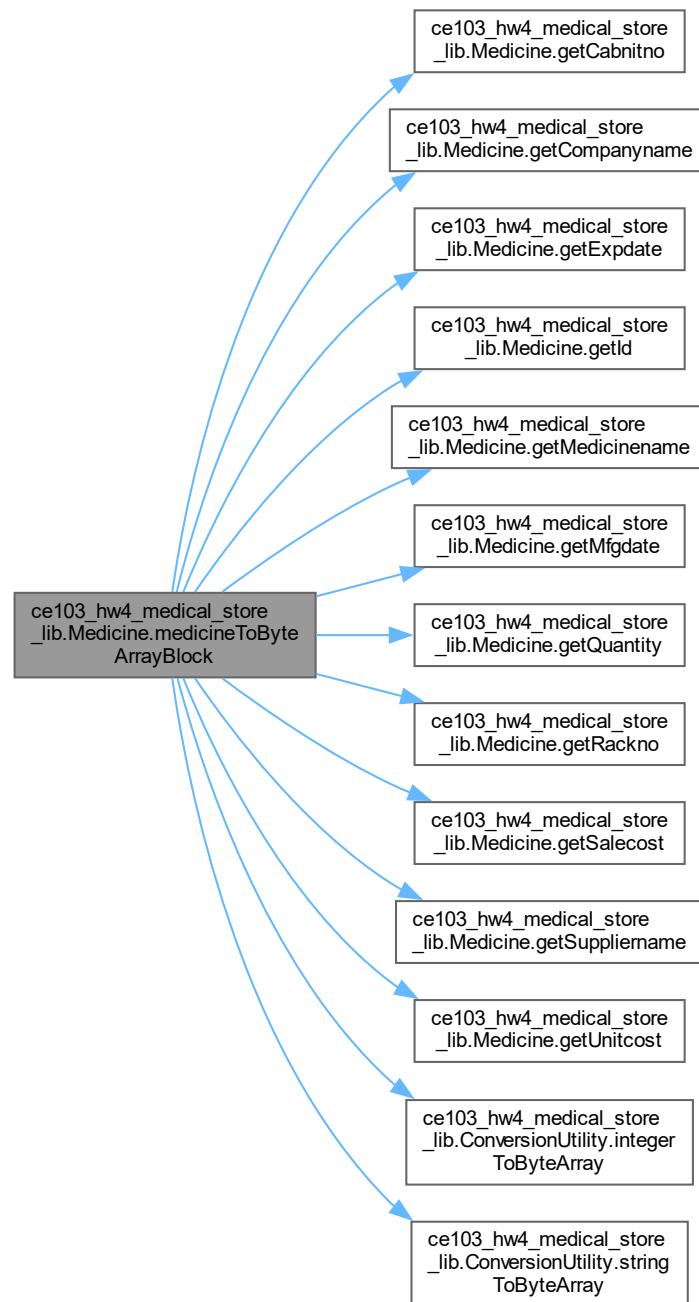


5.6.1.13 medicineToByteArrayBlock() `static byte[] ce103_hw4_medical_store_lib.Medicine.↵`
`medicineToByteArrayBlock (`
`Medicine book) [static]`

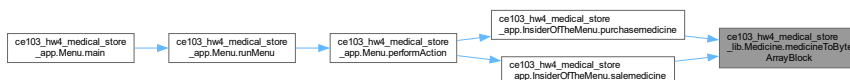
References [ce103_hw4_medical_store_lib.Medicine.CABNITNO_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.COMPAN](#),
[ce103_hw4_medical_store_lib.Medicine.EXPDATE_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.getCabnitno\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.getCompanyname\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getExpdate\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.getId\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getMedicinename\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.getMfgdate\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getQuantity\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.getRackno\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getSalecost\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.getSuppliername\(\)](#), [ce103_hw4_medical_store_lib.Medicine.getUnitcost\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.ID_LENGTH](#), [ce103_hw4_medical_store_lib.ConversionUtility.integerToByteArray\(\)](#),
[ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Medicine.MEDICINENAME](#),
[ce103_hw4_medical_store_lib.Medicine.MFGDATE_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.QUANTITY_LENGTH](#),
[ce103_hw4_medical_store_lib.Medicine.RACKNO_MAX_LENGTH](#), [ce103_hw4_medical_store_lib.Medicine.SALECOST_LENGTH](#),
[ce103_hw4_medical_store_lib.ConversionUtility.stringToByteArray\(\)](#), [ce103_hw4_medical_store_lib.Medicine.SUPPLIERNAME_MAX](#)
and [ce103_hw4_medical_store_lib.Medicine.UNITCOST_LENGTH](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderC](#)

Here is the call graph for this function:



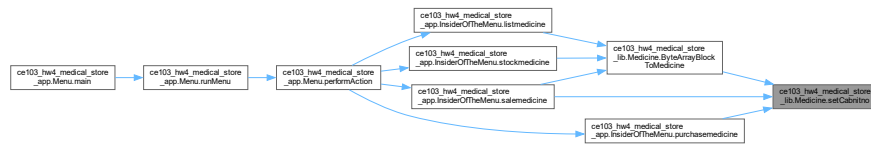
Here is the caller graph for this function:



5.6.1.14 setCabnitno() void ce103_hw4_medical_store_lib.Medicine.setCabnitno (
String cabnitno)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

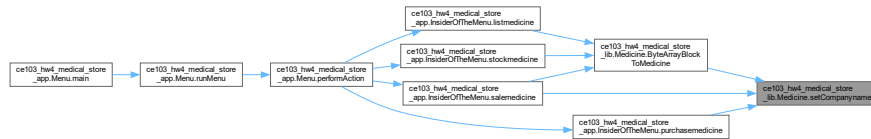
Here is the caller graph for this function:



5.6.1.15 setCompanyname() void ce103_hw4_medical_store_lib.Medicine.setCompanyname (
String companyname)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

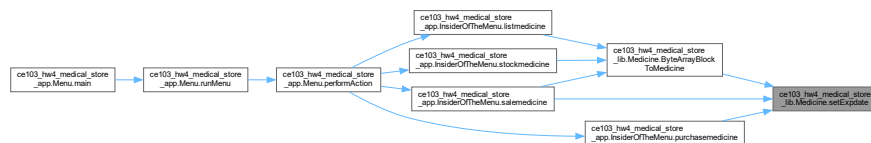
Here is the caller graph for this function:



5.6.1.16 setExpdate() void ce103_hw4_medical_store_lib.Medicine.setExpdate (
String expdate)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

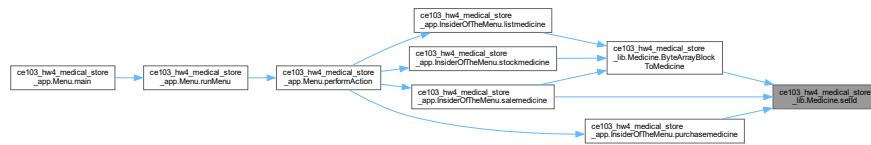
Here is the caller graph for this function:



5.6.1.17 setId() void ce103_hw4_medical_store_lib.Medicine.setId (int id)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

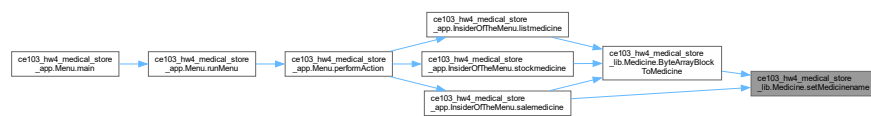
Here is the caller graph for this function:



5.6.1.18 setMedicinename() void ce103_hw4_medical_store_lib.Medicine.setMedicinename (String medicinename)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

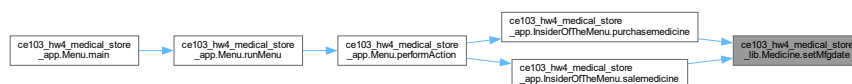
Here is the caller graph for this function:



5.6.1.19 setMfgdate() void ce103_hw4_medical_store_lib.Medicine.setMfgdate (int mfgdate)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

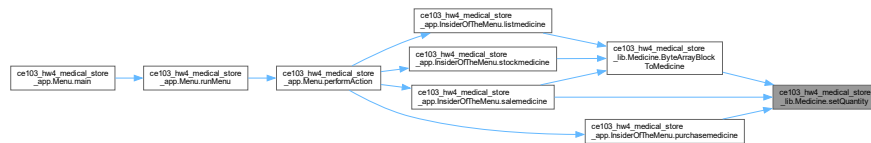
Here is the caller graph for this function:



5.6.1.20 setQuantity() `void ce103_hw4_medical_store_lib.Medicine.setQuantity (int quantity)`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

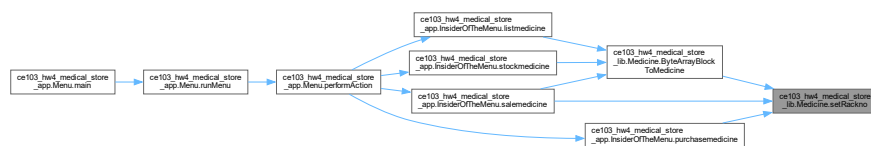
Here is the caller graph for this function:



5.6.1.21 setRackno() `void ce103_hw4_medical_store_lib.Medicine.setRackno (String rackno)`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

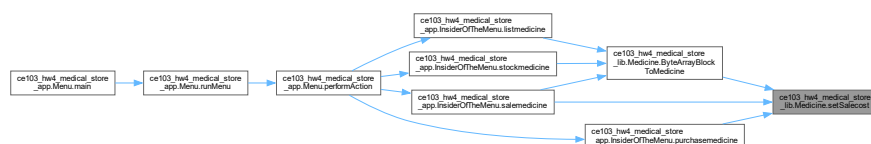
Here is the caller graph for this function:



5.6.1.22 setSalecost() `void ce103_hw4_medical_store_lib.Medicine.setSalecost (int salecost)`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

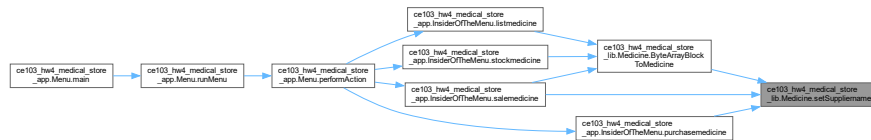
Here is the caller graph for this function:



5.6.1.23 setSuppliername() void ce103_hw4_medical_store_lib.Medicine.setSuppliername (String *suppliername*)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

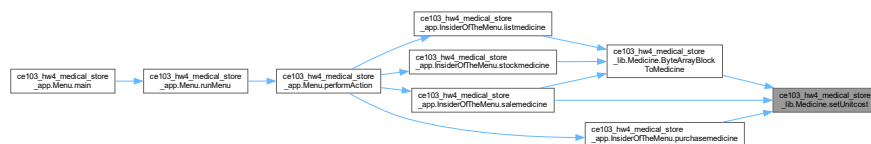
Here is the caller graph for this function:



5.6.1.24 setUnitcost() void ce103_hw4_medical_store_lib.Medicine.setUnitcost (int *unitcost*)

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine\(\)](#).

Here is the caller graph for this function:



5.6.2 Member Data Documentation

5.6.2.1 CABNITNO_MAX_LENGTH final int ce103_hw4_medical_store_lib.Medicine.CABNITNO_MAX↔
_LENGTH = 25 [static]

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicine\(\)](#).

5.6.2.2 COMPANYNAME_MAX_LENGTH final int ce103_hw4_medical_store_lib.Medicine.COMPANYNAME↔
_MAX_LENGTH = 25 [static]

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicine\(\)](#).

5.6.2.3 EXPDATE_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.EXPDATE_MAX_LENGTH = 10 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.4 ID_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.ID_LENGTH = 4 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.5 MEDICINE_DATA_BLOCK_SIZE `final int ce103_hw4_medical_store_lib.Medicine.MEDICINE_DATA_BLOCK_SIZE = ID_LENGTH + MEDICINENAME_MAX_LENGTH + UNITCOST_LENGTH + SALECOST_LENGTH + QUANTITY_LENGTH + RACKNO_MAX_LENGTH + CABNITNO_MAX_LENGTH + COMPANYNAME_MAX_LENGTH + SUPPLIERNAME_MAX_LENGTH + MFGDATE_MAX_LENGTH + EXPDATE_MAX_LENGTH [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.medicineToByteArrayBlock\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicineToByteArrayBlock\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicineToByteArrayBlock\(\)](#).

5.6.2.6 MEDICINENAME_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.MEDICINENAME_MAX_LENGTH = 25 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.7 MFGDATE_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.MFGDATE_MAX_LENGTH = 10 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.8 QUANTITY_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.QUANTITY_LENGTH = 9 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.9 RACKNO_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.RACKNO_MAX_LENGTH = 9 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.medicineToByteArrayBlock\(\)](#).

5.6.2.10 SALECOST_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.SALECOST_LENGTH = 9 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.m](#)

5.6.2.11 SUPPLIERNAME_MAX_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.SUPPLIERNAME↵_MAX_LENGTH = 25 [static]`

Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.m](#)

5.6.2.12 UNITCOST_LENGTH `final int ce103_hw4_medical_store_lib.Medicine.UNITCOST_LENGTH = 9 [static]`

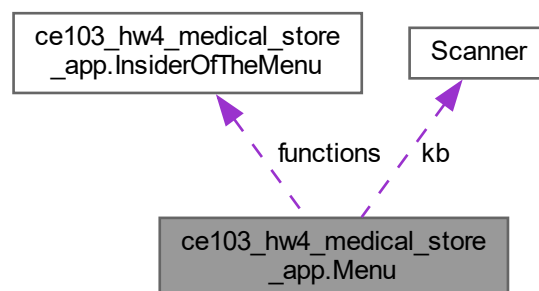
Referenced by [ce103_hw4_medical_store_lib.Medicine.ByteArrayBlockToMedicine\(\)](#), and [ce103_hw4_medical_store_lib.Medicine.m](#)

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

- [Medicine.java](#)

5.7 ce103_hw4_medical_store_app.Menu Class Reference

Collaboration diagram for `ce103_hw4_medical_store_app.Menu`:



Public Member Functions

- void [runMenu](#) () throws IOException
- void [clearScreen](#) ()
- void [printMenu](#) ()
- void [performAction](#) (int choice) throws IOException

Static Public Member Functions

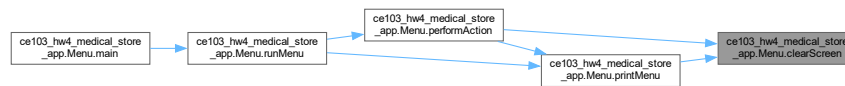
- static void [main](#) (String[] args) throws IOException

5.7.1 Member Function Documentation

5.7.1.1 [clearScreen\(\)](#) void ce103_hw4_medical_store_app.Menu.clearScreen ()

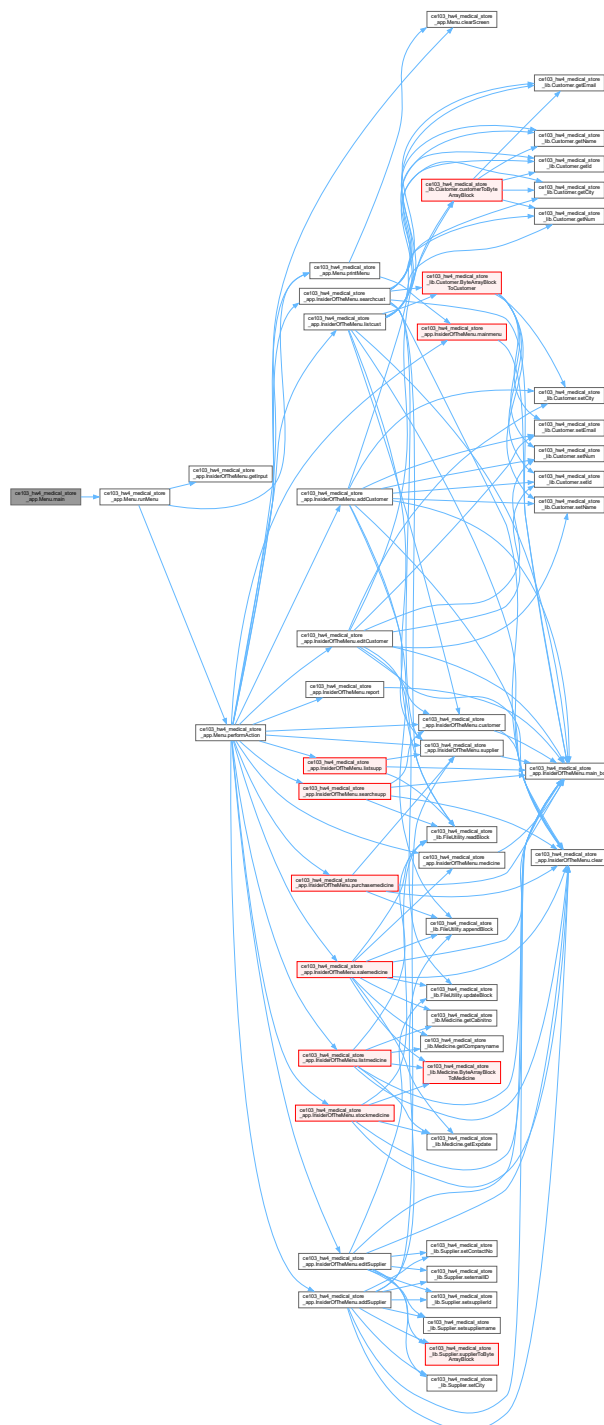
Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.Menu.printMenu\(\)](#).

Here is the caller graph for this function:



5.7.1.2 [main\(\)](#) static void ce103_hw4_medical_store_app.Menu.main (String[] args) throws IOException [static]

References [ce103_hw4_medical_store_app.Menu.runMenu\(\)](#).

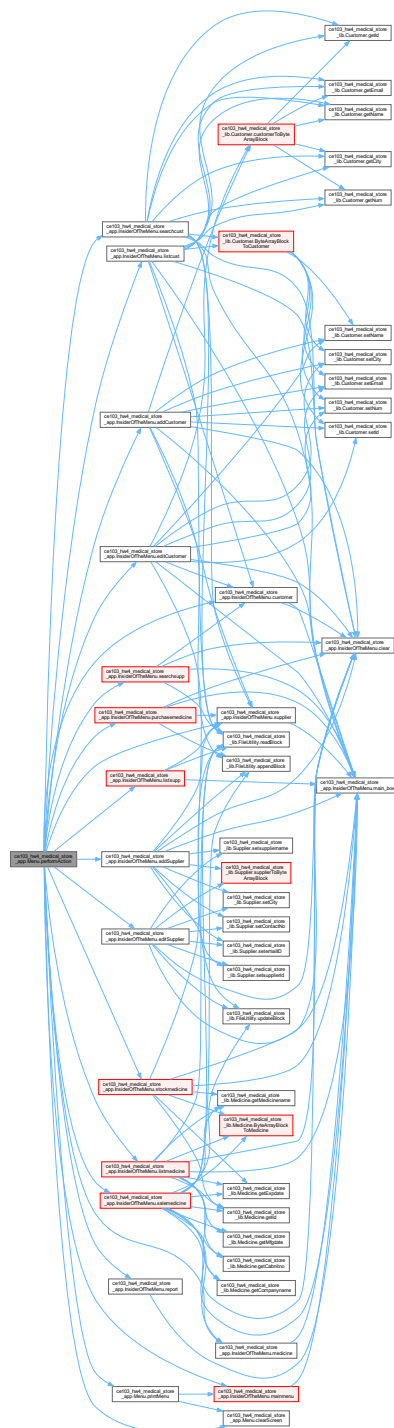


References `ce103_hw4_medical_store_app.InsiderOfTheMenu.addCustomer()`, `ce103_hw4_medical_store_app.InsiderOfTheMenu.a`
`ce103_hw4_medical_store_app.Menu.clearScreen()`, `ce103_hw4_medical_store_app.InsiderOfTheMenu.customer()`,

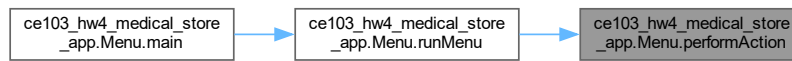
ce103_hw4_medical_store_app.InsiderOfTheMenu.editCustomer(), ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier(), ce103_hw4_medical_store_app.InsiderOfTheMenu.listcust(), ce103_hw4_medical_store_app.InsiderOfTheMenu.listmedicine(), ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp(), ce103_hw4_medical_store_app.InsiderOfTheMenu.mainmenu(), ce103_hw4_medical_store_app.InsiderOfTheMenu.medicine(), ce103_hw4_medical_store_app.Menu.printMenu(), ce103_hw4_medical_store_app.InsiderOfTheMenu.purchasemedicine(), ce103_hw4_medical_store_app.InsiderOfTheMenu.report(), ce103_hw4_medical_store_app.InsiderOfTheMenu.salemedicine(), ce103_hw4_medical_store_app.InsiderOfTheMenu.searchcust(), ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp(), ce103_hw4_medical_store_app.InsiderOfTheMenu.stockmedicine() and ce103_hw4_medical_store_app.InsiderOfTheMenu.supplier().

Referenced by ce103_hw4_medical_store_app.Menu.runMenu().

Here is the call graph for this function:



Here is the caller graph for this function:

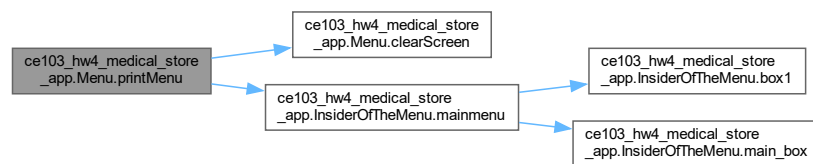


5.7.1.4 printMenu() `void ce103_hw4_medical_store_app.Menu.printMenu ()`

References [ce103_hw4_medical_store_app.Menu.clearScreen\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.mainmenu](#)

Referenced by [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.Menu.runMenu\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

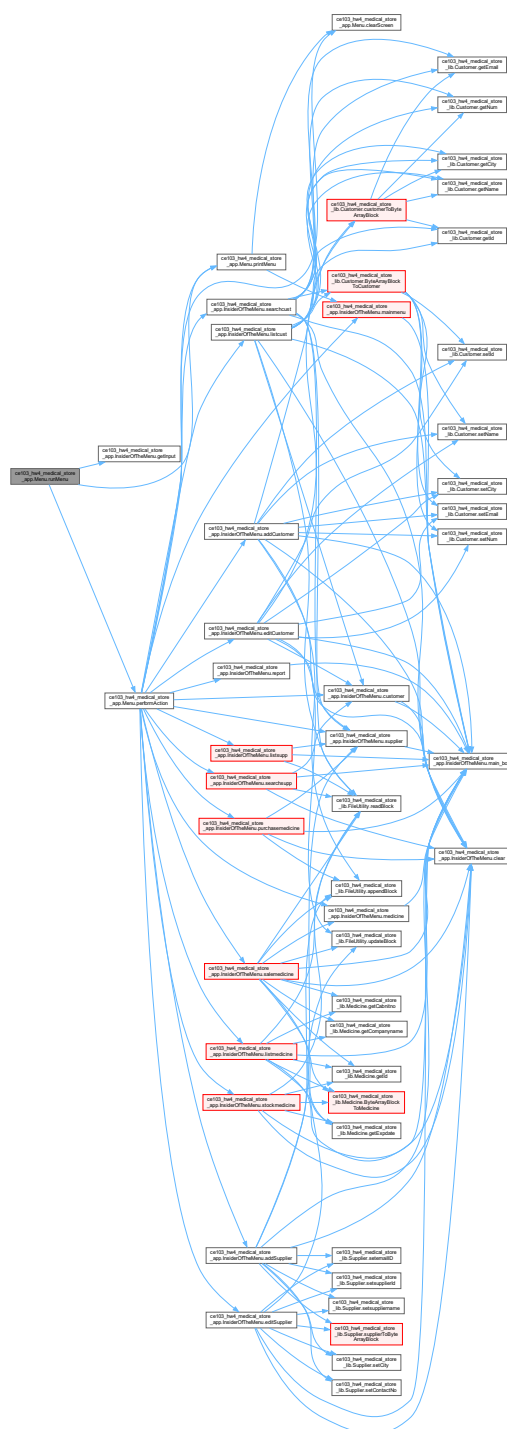


5.7.1.5 runMenu() `void ce103_hw4_medical_store_app.Menu.runMenu () throws IOException`

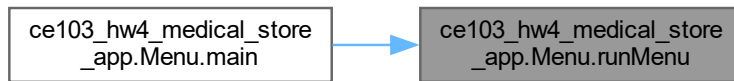
References [ce103_hw4_medical_store_app.InsiderOfTheMenu.getInput\(\)](#), [ce103_hw4_medical_store_app.Menu.performAction\(\)](#), and [ce103_hw4_medical_store_app.Menu.printMenu\(\)](#).

Referenced by [ce103_hw4_medical_store_app.Menu.main\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



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

- [Menu.java](#)

5.8 ce103_hw4_medical_store_lib.Supplier Class Reference

Public Member Functions

- int [getSupplierId](#) ()
- void [setSupplierId](#) (int supplierid)
- String [getSuppliername](#) ()
- void [setSuppliername](#) (String suppliername)
- String [getCity](#) ()
- void [setCity](#) (String city)
- String [getContactNo](#) ()
- void [setContactNo](#) (String contactno)
- String [getEmailID](#) ()
- void [setEmailID](#) (String emailID)

Static Public Member Functions

- static byte[] [supplierToByteArrayBlock](#) ([Supplier](#) supplier)
- static [Supplier](#) [byteArrayBlockToSupplier](#) (byte[] byteArray)

Public Attributes

- int [_supplierid](#)
- String [_suppliername](#)
- String [_city](#)
- String [_contactno](#)
- String [_emailID](#)

Static Public Attributes

- static final int [SUPPLIER_ID_LENGTH](#) = 4
- static final int [SUPPLIER_NAME_LENGTH](#) = 30
- static final int [CITY_LENGTH](#) = 30
- static final int [CONTACT_NO_LENGTH](#) = 30
- static final int [EMAIL_ID_LENGTH](#) = 30
- static final int [SUPPLIER_DATA_BLOCK_SIZE](#)

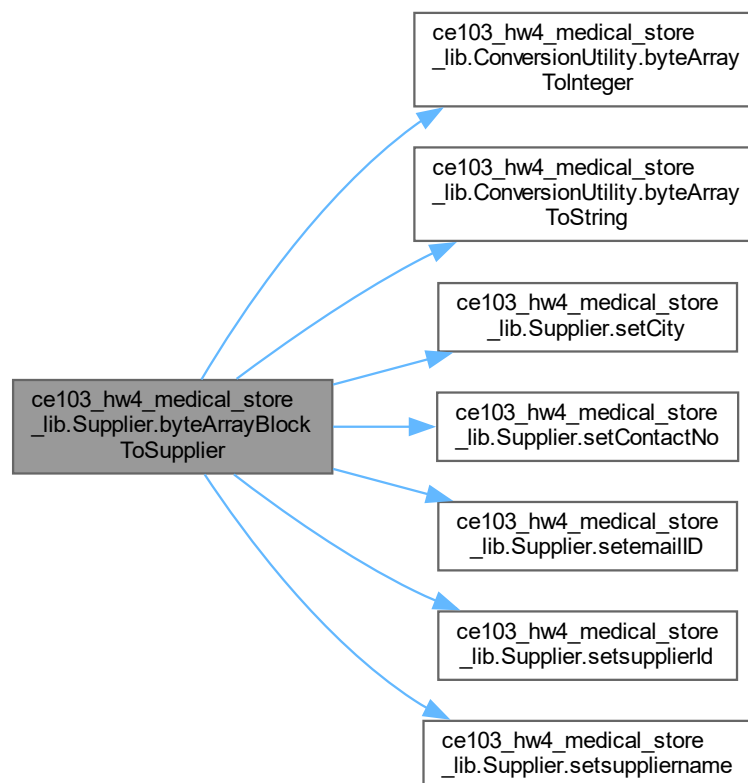
5.8.1 Member Function Documentation

5.8.1.1 byteArrayBlockToSupplier() static [Supplier](#) ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier (
 byte[] byteArray) [static]

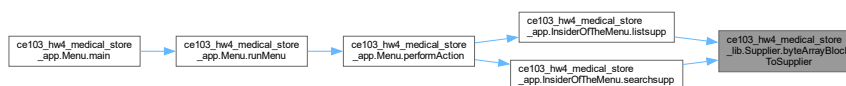
References [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToInteger\(\)](#), [ce103_hw4_medical_store_lib.ConversionUtility.byteArrayToString\(\)](#), [ce103_hw4_medical_store_lib.Supplier.CITY_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.CONTACT_NO_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.EMAIL_ID_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.setCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setContactNo\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setemailID\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.setsuppliername\(\)](#), [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_ID_LENGTH](#) and [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_NAME_LENGTH](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:

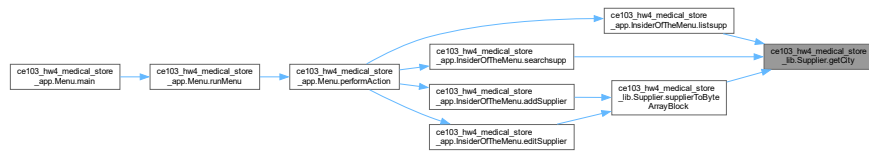


5.8.1.2 `getCity()` `String ce103_hw4_medical_store_lib.Supplier.getCity ()`

References [ce103_hw4_medical_store_lib.Supplier._city](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#) and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:

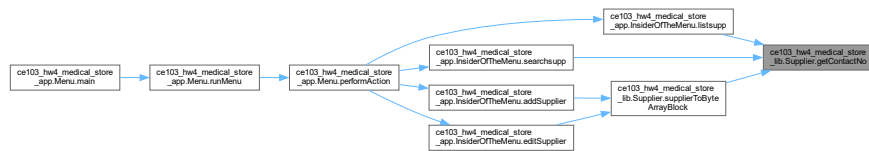


5.8.1.3 `getContactNo()` `String ce103_hw4_medical_store_lib.Supplier.getContactNo ()`

References [ce103_hw4_medical_store_lib.Supplier._contactno](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#) and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:

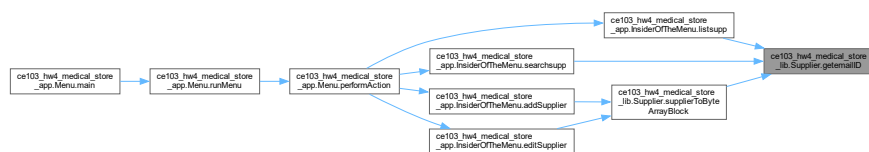


5.8.1.4 `getemailID()` `String ce103_hw4_medical_store_lib.Supplier.getemailID ()`

References [ce103_hw4_medical_store_lib.Supplier._emailID](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#) and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:

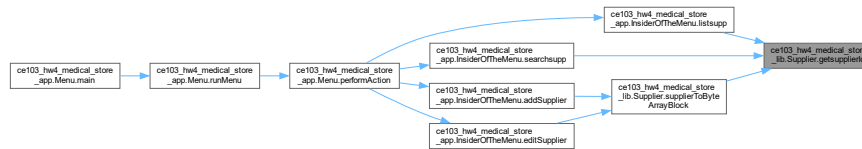


5.8.1.5 getsupplierId() `int ce103_hw4_medical_store_lib.Supplier.getsupplierId ()`

References [ce103_hw4_medical_store_lib.Supplier._supplierId](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#) and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

Here is the caller graph for this function:

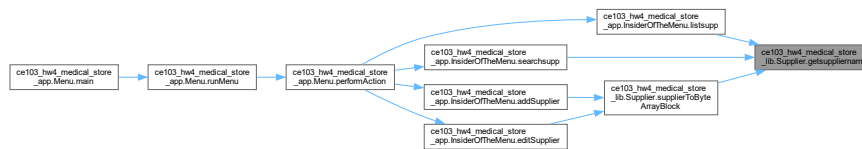


5.8.1.6 getsuppliername() `String ce103_hw4_medical_store_lib.Supplier.getsuppliername ()`

References [ce103_hw4_medical_store_lib.Supplier._suppliername](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#) and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

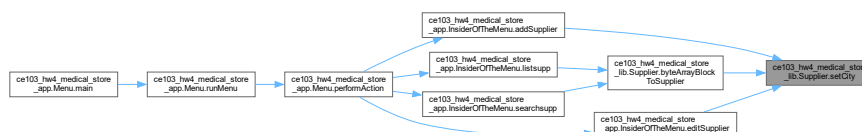
Here is the caller graph for this function:



5.8.1.7 setCity() `void ce103_hw4_medical_store_lib.Supplier.setCity (String city)`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

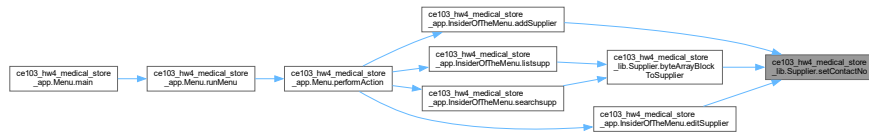
Here is the caller graph for this function:



5.8.1.8 setContactNo() void ce103_hw4_medical_store_lib.Supplier.setContactNo (String *contactno*)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.byteArrayB](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

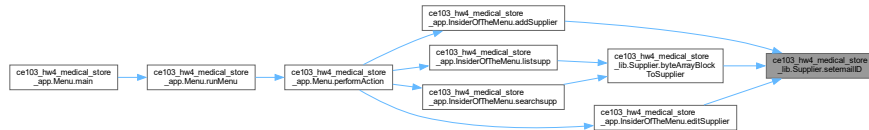
Here is the caller graph for this function:



5.8.1.9 setemailID() void ce103_hw4_medical_store_lib.Supplier.setemailID (String *emailID*)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.byteArrayB](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

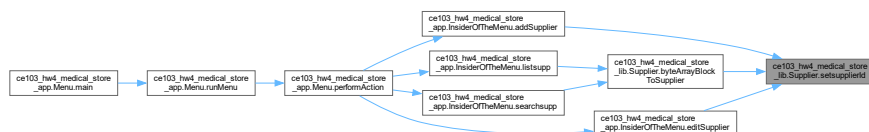
Here is the caller graph for this function:



5.8.1.10 setsupplierId() void ce103_hw4_medical_store_lib.Supplier.setsupplierId (int *supplierid*)

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.byteArrayB](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

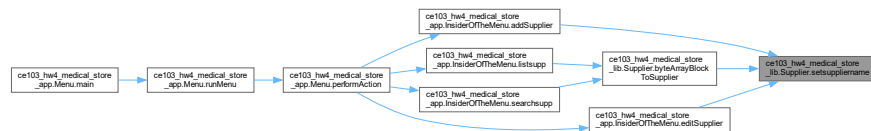
Here is the caller graph for this function:



5.8.1.11 setsuppliername() `void ce103_hw4_medical_store_lib.Supplier.setsuppliername (String suppliername)`

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#) and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

Here is the caller graph for this function:

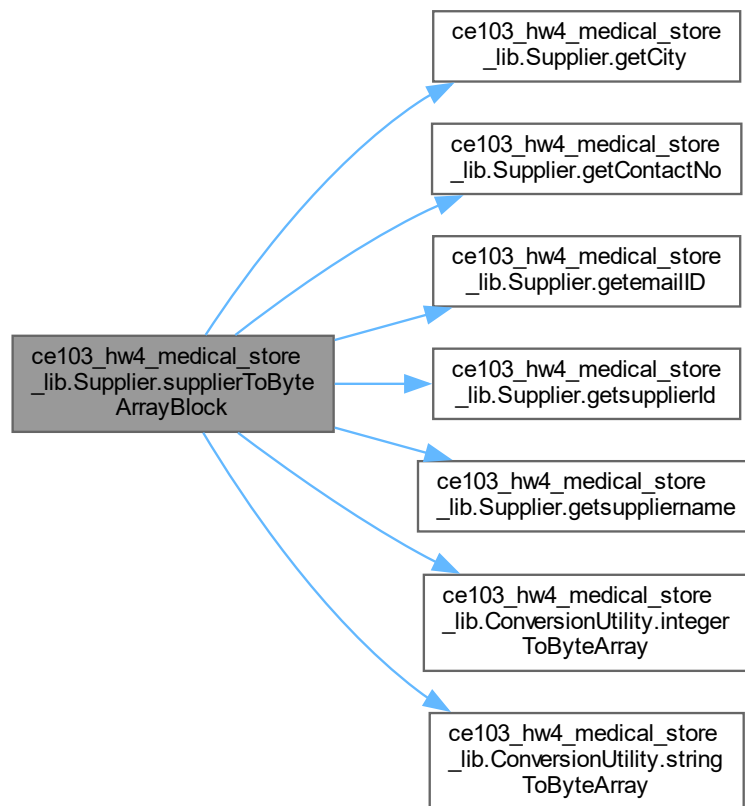


5.8.1.12 supplierToByteArrayBlock() `static byte[] ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock (Supplier supplier) [static]`

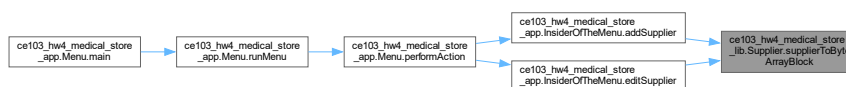
References [ce103_hw4_medical_store_lib.Supplier.CITY_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.CONTACT_NO_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.EMAIL_ID_LENGTH](#), [ce103_hw4_medical_store_lib.Supplier.getCity\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getContactNo\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getemailID\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsupplierId\(\)](#), [ce103_hw4_medical_store_lib.Supplier.getsuppliername\(\)](#), [ce103_hw4_medical_store_lib.ConversionUtility.integerToByteArray\(\)](#), [ce103_hw4_medical_store_lib.ConversionUtility.stringToByteArray\(\)](#), [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK_SIZE](#), [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_ID_LENGTH](#) and [ce103_hw4_medical_store_lib.Supplier.SUPPLIER_NAME_LENGTH](#).

Referenced by [ce103_hw4_medical_store_app.InsiderOfTheMenu.addSupplier\(\)](#), and [ce103_hw4_medical_store_app.InsiderOfTheMenu.editSupplier\(\)](#).

Here is the call graph for this function:



Here is the caller graph for this function:



5.8.2 Member Data Documentation

5.8.2.1 `_city` `String ce103_hw4_medical_store_lib.Supplier._city`

Referenced by [ce103_hw4_medical_store_lib.Supplier.getCity\(\)](#).

5.8.2.2 _contactno `String ce103_hw4_medical_store_lib.Supplier._contactno`

Referenced by [ce103_hw4_medical_store_lib.Supplier.getContactNo\(\)](#).

5.8.2.3 _emailID `String ce103_hw4_medical_store_lib.Supplier._emailID`

Referenced by [ce103_hw4_medical_store_lib.Supplier.getemailID\(\)](#).

5.8.2.4 _supplierid `int ce103_hw4_medical_store_lib.Supplier._supplierid`

Referenced by [ce103_hw4_medical_store_lib.Supplier.getsupplierId\(\)](#).

5.8.2.5 _suppliename `String ce103_hw4_medical_store_lib.Supplier._suppliename`

Referenced by [ce103_hw4_medical_store_lib.Supplier.getsuppliename\(\)](#).

5.8.2.6 CITY_LENGTH `final int ce103_hw4_medical_store_lib.Supplier.CITY_LENGTH = 30 [static]`

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supply](#)

5.8.2.7 CONTACT_NO_LENGTH `final int ce103_hw4_medical_store_lib.Supplier.CONTACT_NO_LENGTH = 30 [static]`

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supply](#)

5.8.2.8 EMAIL_ID_LENGTH `final int ce103_hw4_medical_store_lib.Supplier.EMAIL_ID_LENGTH = 30 [static]`

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supply](#)

5.8.2.9 SUPPLIER_DATA_BLOCK_SIZE `final int ce103_hw4_medical_store_lib.Supplier.SUPPLIER_DATA_BLOCK_SIZE [static]`

Initial value:

```
= SUPPLIER_ID_LENGTH +  
                                SUPPLIER_NAME_LENGTH +  
                                CITY_LENGTH +  
                                CONTACT_NO_LENGTH +  
                                EMAIL_ID_LENGTH
```

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.ce103_hw4_medical_store_app.InsiderOfTheMenu.listsupp\(\)](#), [ce103_hw4_medical_store_app.InsiderOfTheMenu.searchsupp\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

5.8.2.10 SUPPLIER_ID_LENGTH `final int ce103_hw4_medical_store_lib.Supplier.SUPPLIER_ID_LENGTH = 4 [static]`

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

5.8.2.11 SUPPLIER_NAME_LENGTH `final int ce103_hw4_medical_store_lib.Supplier.SUPPLIER_NAME_LENGTH = 30 [static]`

Referenced by [ce103_hw4_medical_store_lib.Supplier.byteArrayBlockToSupplier\(\)](#), and [ce103_hw4_medical_store_lib.Supplier.supplierToByteArrayBlock\(\)](#).

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

- [Supplier.java](#)

6 File Documentation

6.1 InsiderOfTheMenu.java File Reference

Classes

- class [ce103_hw4_medical_store_app.InsiderOfTheMenu](#)

Packages

- package [ce103_hw4_medical_store_app](#)

6.2 Menu.java File Reference

Classes

- class [ce103_hw4_medical_store_app.Menu](#)

Packages

- package [ce103_hw4_medical_store_app](#)

6.3 module-info.java File Reference**6.4 Bill.java File Reference****Classes**

- class [ce103_hw4_medical_store_lib.Bill](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

6.5 ConversionUtility.java File Reference**Classes**

- class [ce103_hw4_medical_store_lib.ConversionUtility](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

6.6 Customer.java File Reference**Classes**

- class [ce103_hw4_medical_store_lib.Customer](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

6.7 FileUtility.java File Reference**Classes**

- class [ce103_hw4_medical_store_lib.FileUtility](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

6.8 Medicine.java File Reference

Classes

- class [ce103_hw4_medical_store_lib.Medicine](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

6.9 Supplier.java File Reference

Classes

- class [ce103_hw4_medical_store_lib.Supplier](#)

Packages

- package [ce103_hw4_medical_store_lib](#)

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