OVERVIEW   PACKAGE   CLASS   USE   TREE   DEPRECATED   INDEX   HELP

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES   ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

dataBaseC

Class Ingredient

java.lang.Object
    dataBaseC.Ingredient

```
public class Ingredient
extends java.lang.Object
```

Data structure to hold each ingredient's data. Used by Database C to keep track of inventory. Only have one object for each ingredient to keep memory usage low.

Author:

```
cms549
```

Constructor Summary

Constructors

Constructor and Description

Ingredient(java.lang.String ingredientName, java.lang.Double amountLeft,
java.lang.String unitOfAmount, java.lang.Double threshold)

creates new ingredient

Method Summary

All Methods   **Instance Methods**   **Concrete Methods**

Modifier and Type	Method and Description
java.lang.Double	**checkThreshold**() Gets the difference of the amount left in the invetory and the threshold
java.lang.Double	**decrementAmountBy**(java.lang.Double amount) Decrements this ingredient amount by the amount specified

Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Constructor Detail

Ingredient

```
public Ingredient(java.lang.String ingredientName,
                  java.lang.Double amountLeft,
                  java.lang.String unitOfAmount,
                  java.lang.Double threshold)
```

creates new ingredient

Parameters:

```
ingredientName -

amountLeft -

unitOfAmount -

threshold -
```

Method Detail

checkThreshold

```
public java.lang.Double checkThreshold()
```

Gets the difference of the amount left in the invetory and the threshold

Returns:

```
the amount until this ingredient reaches its threshold, null on failure
```

decrementAmountBy

```
public java.lang.Double decrementAmountBy(java.lang.Double amount)
```

Decrements this ingredient amount by the amount specified

Parameters:

```
amount - to decrement this ingredient by
```

Returns:

```
the amount left in the inventory on success, null on failure
```

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Ingredient

file:///C:/Users/cms17/Desktop/RestAutoWS/RestApp/doc/dataBaseC/In...