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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/foodManagement/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Food.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/foodManagement/Entree.html)   [**NEXT CLASS**](http://docs.google.com/foodManagement/GUIDriver.html) | [**FRAMES**](http://docs.google.com/index.html?foodManagement/Food.html)    [**NO FRAMES**](http://docs.google.com/Food.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#4d34og8) |

## **foodManagement**

Class Food

java.lang.Object  
 **foodManagement.Food**

**All Implemented Interfaces:** [Listable](http://docs.google.com/foodManagement/Listable.html)

public class **Food**extends java.lang.Objectimplements [Listable](http://docs.google.com/foodManagement/Listable.html)

An IMMUTABLE class that represents an item that might be part of an entree in a restaurant. (For example, Toast or Coffee.) A food object has a name (String), a wholesale cost measured in pennies (int), a retail price measured in pennies (int), and a small picture that depicts the item (java.awt.Image).

Note that the constructor is private, so the only available Food objects are those that are found in the public static array of Food objects called FOOD\_OBJECTS. (You cannot use "new" to instantiate a Food object, you must use the ones that are already in the FOOD\_OBJECTS array.)

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| **Field Summary** | |
| static [Food](http://docs.google.com/foodManagement/Food.html)[] | [**FOOD\_OBJECTS**](http://docs.google.com/foodManagement/Food.html#FOOD_OBJECTS)            This array is populated with Food items that are available for use. |

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| **Method Summary** | |
| boolean | [**equals**](http://docs.google.com/foodManagement/Food.html#equals(foodManagement.Food))([Food](http://docs.google.com/foodManagement/Food.html) other)            Checks if the current object is equal to the parameter. |
| java.awt.Image | [**getImage**](http://docs.google.com/foodManagement/Food.html#getImage())()            Getter for the Image associated with this food. |
| java.lang.String | [**getName**](http://docs.google.com/foodManagement/Food.html#getName())()            Getter for the name of this food. |
| int | [**getRetailValue**](http://docs.google.com/foodManagement/Food.html#getRetailValue())()            Getter for the retail cost of this food, measured in pennies. |
| int | [**getWholesaleCost**](http://docs.google.com/foodManagement/Food.html#getWholesaleCost())()            Getter for the wholesale cost of this food, measured in pennies. |
| java.lang.String | [**toString**](http://docs.google.com/foodManagement/Food.html#toString())()            Returns the name of the food. |

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| **Methods inherited from class java.lang.Object** |
| equals, getClass, hashCode, notify, notifyAll, wait, wait, wait |

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| **Field Detail** |

### FOOD\_OBJECTS

public static final [Food](http://docs.google.com/foodManagement/Food.html)[] **FOOD\_OBJECTS**

This array is populated with Food items that are available for use. Use this array any time you need a Food object. The constructor for the Food class is private, so the elements of this array are the only Food objects available. (You cannot create new ones.)

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| **Method Detail** |

### getImage

public java.awt.Image **getImage**()

Getter for the Image associated with this food. (It's a very small picture of the food item.)

**Returns:**a picture representing this item

### getName

public java.lang.String **getName**()

Getter for the name of this food.

**Specified by:**[getName](http://docs.google.com/foodManagement/Listable.html#getName()) in interface [Listable](http://docs.google.com/foodManagement/Listable.html) **Returns:**the name of this food

### getWholesaleCost

public int **getWholesaleCost**()

Getter for the wholesale cost of this food, measured in pennies.

**Specified by:**[getWholesaleCost](http://docs.google.com/foodManagement/Listable.html#getWholesaleCost()) in interface [Listable](http://docs.google.com/foodManagement/Listable.html) **Returns:**wholesale cost for this food item in pennies.

### getRetailValue

public int **getRetailValue**()

Getter for the retail cost of this food, measured in pennies.

**Specified by:**[getRetailValue](http://docs.google.com/foodManagement/Listable.html#getRetailValue()) in interface [Listable](http://docs.google.com/foodManagement/Listable.html) **Returns:**retail cost for this food item in pennies.

### equals

public boolean **equals**([Food](http://docs.google.com/foodManagement/Food.html) other)

Checks if the current object is equal to the parameter. Note: only the NAMES of the foods are compared. If the two foods have the same name, they are considered equal!

**Parameters:**other - Food item to be compared with the current object **Returns:**true if the two Foods have the same name, false otherwise

### toString

public java.lang.String **toString**()

Returns the name of the food.

**Specified by:**[toString](http://docs.google.com/foodManagement/Listable.html#toString()) in interface [Listable](http://docs.google.com/foodManagement/Listable.html)**Overrides:**toString in class java.lang.Object **Returns:**the name of the food

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/foodManagement/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Food.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
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[Web Accessibility](https://www.umd.edu/web-accessibility)