

Class FlatViewer

[java.lang.Object](#)

FlatViewer

```
public class FlatViewer extends Object
```

This is the main controller of the program.

Version:

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Field Summary

(package private)	Location	currentLocation
(package private)	String	currentOrientation
(package private)	boolean	dropFlag
(package private)	String	dropURL

Constructor Summary

[FlatViewer](#)()

Method Summary

void	back (javafx.event.ActionEvent event) Changes the general orientation of the navigation by 180°
void	dropM (javafx.event.ActionEvent event) Allows the user to drop an item in the delivery location.

void	grabM (javafx.event.ActionEvent event) Allows the user to grab an item.
void	hideMapM (javafx.event.ActionEvent event) Hides the map of the virtual world
void	Initialise () Initialises the FlatViewer
void	left (javafx.event.ActionEvent event) Changes the general orientation of the navigation by 90°
void	moveForward (javafx.event.ActionEvent event) Moves the navigator one position forward
void	refreshDisplay () Method responsible of refreshing the main display everytime a change is made.
void	right (javafx.event.ActionEvent event) Changes the general orientation of the navigation by -90°
void	showMapM (javafx.event.ActionEvent event) Shows the user the map of the virtual world
void	whatItemsM (javafx.event.ActionEvent event) Prints help for the user
void	whereAmM (javafx.event.ActionEvent event) Prints the current location in the messagebox

Methods inherited from class java.lang.[**Object**](#)

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Field Detail

currentLocation

[Location](#) **currentLocation**

currentOrientation

[String](#) **currentOrientation**

dropFlag

boolean **dropFlag**

dropURL

[String](#) **dropURL**

Constructor Detail

FlatViewer

```
public FlatViewer()
```

Method Detail

back

```
public void back(javafx.event.ActionEvent event)  
    Changes the general orientation of the navigation by 180°
```

dropM

```
public void dropM(javafx.event.ActionEvent event)  
    Allows the user to drop an item in the delivery location.
```

grabM

```
public void grabM(javafx.event.ActionEvent event)  
    Allows the user to grab an item.
```

hideMapM

```
public void hideMapM(javafx.event.ActionEvent event)  
    Hides the map of the virtual world
```

Initialise

```
public void Initialise()  
    Initialises the FlatViewer
```

left

```
public void left(javafx.event.ActionEvent event)  
    Changes the general orientation of the navigation by 90°
```

moveForward

```
public void moveForward(javafx.event.ActionEvent event)
```

Moves the navigator one position forward

refreshDisplay

public void **refreshDisplay**()

Method responsible of refreshing the main display everytime a change is made. It also indicates if it is impossible to go forward by changing the color of the frontal arrow.

right

public void **right**(javafx.event.ActionEvent event)

Changes the general orientation of the navigation by -90°

showMapM

public void **showMapM**(javafx.event.ActionEvent event)

Shows the user the map of the virtual world

whatItemsM

public void **whatItemsM**(javafx.event.ActionEvent event)

Prints help for the user

whereAmM

public void **whereAmM**(javafx.event.ActionEvent event)

Prints the current location in the messagebox

[Package](#) [Class](#) [Tree](#) [Index](#) [Help](#)

[FRAMES](#) [NO FRAMES](#)

PREV CLASS [NEXT CLASS](#)

[All Classes](#)

SUMMARY: NESTED | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)
