

Class Pickable

java.lang.Object
Pickable

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

Author:
Leela Prabhu (S1471625)

Constructor Summary

Constructors

Constructor and Description

Pickable(javafx.scene.image.Image image, java.lang.String name, PhotoViewer viewer)
This function constructs a new Pickable.

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
int	getFrameNo () This function gets the frame in which the Pickable is.
javafx.scene.image.Image	getImage () This function gets image of the Pickable.
java.lang.String	getName () This function returns the name of the Pickable.
boolean	getPicked () This function sets the picked state of the Pickable.
int	getPixelNo () This function gets the part of the panorama in which the Pickable is.
void	pickUp ()

This function is called when an Object of type Pickable is picked up.

void

putDown(int x_coord, int frameNo)

This function is called when an Object of type Pickable is put down.

void

setFrameNo(int frameNo)

This function sets the frame in which the Pickable is.

void

setPicked(boolean picked)

This function sets the picked state of the Pickable.

void

setPixelNo(int pixelNo)

This function sets the part of the panorama in which the Pickable is.

Methods inherited from class java.lang.Object

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

Constructor Detail

Pickable

```
public Pickable(javafx.scene.image.Image image,  
                java.lang.String name,  
                PhotoViewer viewer)
```

This function constructs a new Pickable.

Parameters:

image - an Image that represents the Pickable when displayed.

name - a String that represents the Pickable.

viewer - of PhotoViewer Interface, it directs all GUI commands to this.

Method Detail

getImage

```
public javafx.scene.image.Image getImage()
```

This function gets image of the Pickable.

Returns:

Image The image depicted by the Pickable.

getPixelNo

```
public int getPixelNo()
```

This function gets the part of the panorama in which the Pickable is.

Returns:

pixelNo The part of the panorama in which the Pickable is.

setPixelNo

```
public void setPixelNo(int pixelNo)
```

This function sets the part of the panorama in which the Pickable is.

Parameters:

pixelNo - The part of the panorama in which the Pickable is.

getFrameNo

```
public int getFrameNo()
```

This function gets the frame in which the Pickable is.

Returns:

frameNo The frame in which the Pickable is.

setFrameNo

```
public void setFrameNo(int frameNo)
```

This function sets the frame in which the Pickable is.

Parameters:

frameNo - The frame in which the Pickable is.

getPicked

```
public boolean getPicked()
```

This function sets the picked state of the Pickable.

Returns:

picked boolean that shows if the Pickable has been picked or not.

setPicked

```
public void setPicked(boolean picked)
```

This function sets the picked state of the Pickable.

Parameters:

`picked` - whether the Pickable has been picked or not.

getName

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

This function returns the name of the Pickable.

Returns:

name A String, the name of the Pickable.

putDown

```
public void putDown(int x_coord,  
                    int frameNo)
```

This function is called when an Object of type Pickable is put down. It make the Pickable visible. It saves the pixel and frame number of the new location as properties of the Object Pickable. It also changes the status of the Picked property, indicating that the object is no longer in the picked state. It disables the respective 'Put Down' Menu and enable the 'Pick Up' Menu.

Parameters:

`x_coord` - the section of the panorama Frame where the Pickable has been put.

`x_coord` - the section of the panorama Frame where the Pickable has been put.

pickUp

```
public void pickUp()
```

This function is called when an Object of type Pickable is picked up. It makes the pickable invisible. It also changes the status of the Picked property, indicating that the object is in the picked state. It disables the respective 'Pick Up' Menu and enable the 'Put Down' Menu.

[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](#)