

Class Powerup

java.lang.Object
 Powerup

All Implemented Interfaces:

java.awt.image.ImageObserver

Direct Known Subclasses:

LifePowerup

```
public class Powerup
extends java.lang.Object
implements java.awt.image.ImageObserver
```

Field Summary

Fields	
Modifier and Type	Field and Description
protected java.awt.Rectangle	bounds
protected int	h
protected java.awt.image.BufferedImage	imageLife
protected boolean	isCollected
protected boolean	isLifePowerup
protected boolean	isWeaponUpgrade
protected int	w
protected int	x
protected int	y

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Constructor Summary

Constructors

Constructor and Description

[Powerup\(\)](#)

Method Summary

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

Modifier and Type	Method and Description
void	collisionCheck (java.awt.Rectangle planeBounds)
void	draw (java.awt.Graphics g)
void	getBounds ()
boolean	imageUpdate (java.awt.Image img, int infoflags, int x, int y, int width, int height)
boolean	isCollided ()
boolean	isLifeP ()
boolean	isWeapon ()
void	movePowerDown ()

Methods inherited from class java.lang.Object

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

Field Detail

bounds

protected java.awt.Rectangle bounds

h

protected int h

imageLife

protected java.awt.image.BufferedImage imageLife

isCollected

protected boolean isCollected

isLifePowerup

protected boolean isLifePowerup

isWeaponUpgrade

protected boolean isWeaponUpgrade

w

protected int w

x

protected int x

y

protected int y

Constructor Detail

Powerup

public Powerup()

Method Detail

collisionCheck

public void collisionCheck(java.awt.Rectangle planeBounds)

draw

```
public void draw(java.awt.Graphics g)
```

getBounds

```
public void getBounds()
```

imageUpdate

```
public boolean imageUpdate(java.awt.Image img,  
                           int infoflags,  
                           int x,  
                           int y,  
                           int width,  
                           int height)
```

Specified by:

imageUpdate in interface `java.awt.image.ImageObserver`

isCollided

```
public boolean isCollided()
```

isLifeP

```
public boolean isLifeP()
```

isWeapon

```
public boolean isWeapon()
```

movePowerDown

```
public void movePowerDown()
```

