

pacsim

## Class PacCell

java.lang.Object  
pacsim.PacCell

All Implemented Interfaces:

java.io.Serializable, java.lang.Cloneable

Direct Known Subclasses:

FoodCell, GhostCell, GoalCell, HouseCell, PacmanCell, PathCell, PowerCell, StartCell, WallCell

```
public class PacCell
extends java.lang.Object
implements java.lang.Cloneable, java.io.Serializable
```

Basic cell array object and superclass for other cell types

See Also:

Serialized Form

### Field Summary

Fields

Modifier and Type	Field and Description
protected int	<b>cost</b>
protected java.awt.Point	<b>loc</b>

### Constructor Summary

Constructors

Constructor and Description
<b>PacCell</b> (int x, int y)
<b>PacCell</b> (int x, int y, int cost)

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
<b>PacCell</b>	<b>clone()</b>	
int	<b>getCost()</b>	Return the cost value of this cell
java.awt.Point	<b>getLoc()</b>	Return the location of this cell
int	<b>getX()</b>	Return the x-coordinate this cell
int	<b>getY()</b>	Return the y-coordinate this cell
void	<b>show</b> (java.awt.Graphics g, int size)	

Methods inherited from class java.lang.Object

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

Field Detail

loc
protected java.awt.Point loc
cost
protected int cost

Constructor Detail

PacCell
---------

```
public PacCell(int x,  
               int y)
```

## PacCell

```
public PacCell(int x,  
               int y,  
               int cost)
```

### Method Detail

#### clone

```
public PacCell clone()
```

**Overrides:**

clone in class java.lang.Object

#### show

```
public void show(java.awt.Graphics g,  
                 int size)
```

#### getLoc

```
public java.awt.Point getLoc()
```

Return the location of this cell

**Returns:**

point location (zero-based)

#### getX

```
public int getX()
```

Return the x-coordinate this cell

**Returns:**

zero-based integer

## getY

```
public int getY()
```

Return the y-coordinate this cell

**Returns:**

zero-based integer

## getCost

```
public int getCost()
```

Return the cost value of this cell

**Returns:**

an integer

[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](#)