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Java™ Platform
Standard Ed. 7

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java.awt.print

Class Paper

java.lang.Object
    java.awt.print.Paper

All Implemented Interfaces:

   Cloneable

```
public class Paper
extends Object
implements Cloneable
```

The `Paper` class describes the physical characteristics of a piece of paper.

When creating a `Paper` object, it is the application's responsibility to ensure that the paper size and the imageable area are compatible. For example, if the paper size is changed from 11 x 17 to 8.5 x 11, the application might need to reduce the imageable area so that whatever is printed fits on the page.

See Also:

   setSize(double, double), setImageableArea(double, double, double, double)

Constructor Summary

Constructors

Constructor and Description
`Paper`() Creates a letter sized piece of paper with one inch margins.

Method Summary

Methods

Modifier and Type	Method and Description
`Object`	`clone`() Creates a copy of this `Paper` with the same contents as this `Paper`.
double	`getHeight`() Returns the height of the page in 1/72nds of an inch.
double	`getImageableHeight`() Returns the height of this `Paper` object's imageable area.
double	`getImageableWidth`() Returns the width of this `Paper` object's imageable area.

double	**getImageableX**()
	Returns the x coordinate of the upper-left corner of this `Paper` object's imageable area.
double	**getImageableY**()
	Returns the y coordinate of the upper-left corner of this `Paper` object's imageable area.
double	**getWidth**()
	Returns the width of the page in 1/72nds of an inch.
void	**setImageableArea**(double x, double y, double width, double height)
	Sets the imageable area of this `Paper`.
void	**setSize**(double width, double height)
	Sets the width and height of this `Paper` object, which represents the properties of the page onto which printing occurs.

Methods inherited from class java.lang.Object

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

Constructor Detail

Paper

```
public Paper()
```

Creates a letter sized piece of paper with one inch margins.

Method Detail

clone

```
public Object clone()
```

Creates a copy of this `Paper` with the same contents as this `Paper`.

Overrides:

clone in class Object

Returns:

a copy of this `Paper`.

See Also:

Cloneable

getHeight

```
public double getHeight()
```

Returns the height of the page in 1/72nds of an inch.

Returns:

the height of the page described by this `Paper`.

setSize

```
public void setSize(double width,
          double height)
```

Sets the width and height of this `Paper` object, which represents the properties of the page onto which printing occurs. The dimensions are supplied in 1/72nds of an inch.

Parameters:

`width` - the value to which to set this `Paper` object's width

`height` - the value to which to set this `Paper` object's height

getWidth

```
public double getWidth()
```

Returns the width of the page in 1/72nds of an inch.

Returns:

the width of the page described by this `Paper`.

setImageableArea

```
public void setImageableArea(double x,
                double y,
                double width,
                double height)
```

Sets the imageable area of this `Paper`. The imageable area is the area on the page in which printing occurs.

Parameters:

`x` - the X coordinate to which to set the upper-left corner of the imageable area of this `Paper`

`y` - the Y coordinate to which to set the upper-left corner of the imageable area of this `Paper`

`width` - the value to which to set the width of the imageable area of this `Paper`

`height` - the value to which to set the height of the imageable area of this `Paper`

getImageableX

```
public double getImageableX()
```

Returns the x coordinate of the upper-left corner of this `Paper` object's imageable area.

Returns:

the x coordinate of the imageable area.

getImageableY

```
public double getImageableY()
```

Returns the y coordinate of the upper-left corner of this `Paper` object's imageable area.

Returns:

the y coordinate of the imageable area.

getImageableWidth

```
public double getImageableWidth()
```

Returns the width of this `Paper` object's imageable area.

Returns:

the width of the imageable area.

getImageableHeight

```
public double getImageableHeight()
```

Returns the height of this `Paper` object's imageable area.

Returns:

the height of the imageable area.

Submit a bug or feature

For further API reference and developer documentation, see Java SE Documentation. That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.