| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Paper.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/awt/print/PageFormat.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/print/Printable.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/print/Paper.html)    [**NO FRAMES**](http://docs.google.com/Paper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.awt.print**

Class Paper

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.print.Paper**

**All Implemented Interfaces:** [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

public class **Paper**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

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)](http://docs.google.com/java/awt/print/Paper.html#setSize(double,%20double)), [setImageableArea(double, double, double, double)](http://docs.google.com/java/awt/print/Paper.html#setImageableArea(double,%20double,%20double,%20double))

| **Constructor Summary** | |
| --- | --- |
| [**Paper**](http://docs.google.com/java/awt/print/Paper.html#Paper())()            Creates a letter sized piece of paper with one inch margins. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**clone**](http://docs.google.com/java/awt/print/Paper.html#clone())()            Creates a copy of this Paper with the same contents as this Paper. |
| double | [**getHeight**](http://docs.google.com/java/awt/print/Paper.html#getHeight())()            Returns the height of the page in 1/72nds of an inch. |
| double | [**getImageableHeight**](http://docs.google.com/java/awt/print/Paper.html#getImageableHeight())()            Returns the height of this Paper object's imageable area. |
| double | [**getImageableWidth**](http://docs.google.com/java/awt/print/Paper.html#getImageableWidth())()            Returns the width of this Paper object's imageable area. |
| double | [**getImageableX**](http://docs.google.com/java/awt/print/Paper.html#getImageableX())()            Returns the x coordinate of the upper-left corner of this Paper object's imageable area. |
| double | [**getImageableY**](http://docs.google.com/java/awt/print/Paper.html#getImageableY())()            Returns the y coordinate of the upper-left corner of this Paper object's imageable area. |
| double | [**getWidth**](http://docs.google.com/java/awt/print/Paper.html#getWidth())()            Returns the width of the page in 1/72nds of an inch. |
| void | [**setImageableArea**](http://docs.google.com/java/awt/print/Paper.html#setImageableArea(double,%20double,%20double,%20double))(double x, double y, double width, double height)            Sets the imageable area of this Paper. |
| void | [**setSize**](http://docs.google.com/java/awt/print/Paper.html#setSize(double,%20double))(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**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### Paper

public **Paper**()

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

| **Method Detail** |
| --- |

### clone

public [Object](http://docs.google.com/java/lang/Object.html) **clone**()

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

**Overrides:**[clone](http://docs.google.com/java/lang/Object.html#clone()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a copy of this Paper.**See Also:**[Cloneable](http://docs.google.com/java/lang/Cloneable.html)

### 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 widthheight - 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 Papery - the Y coordinate to which to set the upper-left corner of the imageable area of this Paperwidth - the value to which to set the width of the imageable area of this Paperheight - 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.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Paper.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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