| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JobMediaSheets.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/javax/print/attribute/standard/JobKOctetsSupported.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/JobMediaSheets.html)    [**NO FRAMES**](http://docs.google.com/JobMediaSheets.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.print.attribute.standard**

Class JobMediaSheets

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.print.attribute.IntegerSyntax](http://docs.google.com/javax/print/attribute/IntegerSyntax.html)  
 **javax.print.attribute.standard.JobMediaSheets**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html), [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html), [PrintJobAttribute](http://docs.google.com/javax/print/attribute/PrintJobAttribute.html), [PrintRequestAttribute](http://docs.google.com/javax/print/attribute/PrintRequestAttribute.html)

public class **JobMediaSheets**extends [IntegerSyntax](http://docs.google.com/javax/print/attribute/IntegerSyntax.html)implements [PrintRequestAttribute](http://docs.google.com/javax/print/attribute/PrintRequestAttribute.html), [PrintJobAttribute](http://docs.google.com/javax/print/attribute/PrintJobAttribute.html)

Class JobMediaSheets is an integer valued printing attribute class that specifies the total number of media sheets to be produced for this job.

The JobMediaSheets attribute describes the size of the job. This attribute is not intended to be a counter; it is intended to be useful routing and scheduling information if known. The printer may try to compute the JobMediaSheets attribute's value if it is not supplied in the Print Request. Even if the client does supply a value for the JobMediaSheets attribute in the Print Request, the printer may choose to change the value if the printer is able to compute a value which is more accurate than the client supplied value. The printer may be able to determine the correct value for the JobMediaSheets attribute either right at job submission time or at any later point in time.

Unlike the [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html) and [JobImpressions](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html) attributes, the JobMediaSheets value must include the multiplicative factors contributed by the number of copies specified by the [Copies](http://docs.google.com/javax/print/attribute/standard/Copies.html) attribute and a "number of copies" instruction embedded in the document data, if any. This difference allows the system administrator to control the lower and upper bounds of both (1) the size of the document(s) with [JobKOctetsSupported](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html) and [JobImpressionsSupported](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html) and (2) the size of the job with [JobMediaSheetsSupported](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html).

**IPP Compatibility:** The integer value gives the IPP integer value. The category name returned by getName() gives the IPP attribute name.

**See Also:**[JobMediaSheetsSupported](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html), [JobMediaSheetsCompleted](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html), [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html), [JobImpressions](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html), [Serialized Form](http://docs.google.com/serialized-form.html#javax.print.attribute.standard.JobMediaSheets)

| **Constructor Summary** | |
| --- | --- |
| [**JobMediaSheets**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#JobMediaSheets(int))(int value)            Construct a new job media sheets attribute with the given integer value. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) object)            Returns whether this job media sheets attribute is equivalent to the passed in object. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | [**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#getName())()            Get the name of the category of which this attribute value is an instance. |

| **Methods inherited from class javax.print.attribute.**[**IntegerSyntax**](http://docs.google.com/javax/print/attribute/IntegerSyntax.html) |
| --- |
| [getValue](http://docs.google.com/javax/print/attribute/IntegerSyntax.html#getValue()), [hashCode](http://docs.google.com/javax/print/attribute/IntegerSyntax.html#hashCode()), [toString](http://docs.google.com/javax/print/attribute/IntegerSyntax.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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** |
| --- |

### JobMediaSheets

public **JobMediaSheets**(int value)

Construct a new job media sheets attribute with the given integer value.

**Parameters:**value - Integer value. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - (Unchecked exception) Thrown if value is less than 0.

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

### equals

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

Returns whether this job media sheets attribute is equivalent to the passed in object. To be equivalent, all of the following conditions must be true:

1. object is not null.
2. object is an instance of class JobMediaSheets.
3. This job media sheets attribute's value and object's value are equal.

**Overrides:**[equals](http://docs.google.com/javax/print/attribute/IntegerSyntax.html#equals(java.lang.Object)) in class [IntegerSyntax](http://docs.google.com/javax/print/attribute/IntegerSyntax.html) **Parameters:**object - Object to compare to. **Returns:**True if object is equivalent to this job media sheets attribute, false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### getCategory

public final [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> **getCategory**()

Get the printing attribute class which is to be used as the "category" for this printing attribute value.

For class JobMediaSheets and any vendor-defined subclasses, the category is class JobMediaSheets itself.

**Specified by:**[getCategory](http://docs.google.com/javax/print/attribute/Attribute.html#getCategory()) in interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) **Returns:**Printing attribute class (category), an instance of class [java.lang.Class](http://docs.google.com/java/lang/Class.html).

### getName

public final [String](http://docs.google.com/java/lang/String.html) **getName**()

Get the name of the category of which this attribute value is an instance.

For class JobMediaSheets and any vendor-defined subclasses, the category name is "job-media-sheets".

**Specified by:**[getName](http://docs.google.com/javax/print/attribute/Attribute.html#getName()) in interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) **Returns:**Attribute category name.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JobMediaSheets.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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