| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JobImpressions.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/JobHoldUntil.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/JobImpressions.html)    [**NO FRAMES**](http://docs.google.com/JobImpressions.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 JobImpressions

[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.JobImpressions**

**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 final class **JobImpressions**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 JobImpressions is an integer valued printing attribute class that specifies the total size in number of impressions of the document(s) being submitted. An "impression" is the image (possibly many print-stream pages in different configurations) imposed onto a single media page.

The JobImpressions 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 JobImpressions attribute's value if it is not supplied in the Print Request. Even if the client does supply a value for the JobImpressions 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 JobImpressions attribute either right at job submission time or at any later point in time.

As with [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html), the JobImpressions value must not 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, independent of whether the device can process multiple copies without making multiple passes over the job or document data and independent of whether the output is collated or not. Thus the value is independent of the implementation and reflects the size of the document(s) measured in impressions independent of the number of copies.

As with [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html), the JobImpressions value must also not include the multiplicative factor due to a copies instruction embedded in the document data. If the document data actually includes replications of the document data, this value will include such replication. In other words, this value is always the number of impressions in the source document data, rather than a measure of the number of impressions to be produced by the job.

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

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

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

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) object)            Returns whether this job impressions 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/JobImpressions.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/JobImpressions.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** |
| --- |

### JobImpressions

public **JobImpressions**(int value)

Construct a new job impressions 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 impressions 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 JobImpressions.
3. This job impressions 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 impressions 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 JobImpressions, the category is class JobImpressions 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 JobImpressions, the category name is "job-impressions".

**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/JobImpressions.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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