| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/print/attribute/DocAttribute.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute//class-useDocAttribute.html)    [**NO FRAMES**](http://docs.google.com/DocAttribute.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.print.attribute.DocAttribute**

| Packages that use [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) | |
| --- | --- |
| [**javax.print.attribute**](#3znysh7) | Provides classes and interfaces that describe the types of JavaTM Print Service attributes and how they can be collected into attribute sets. |
| [**javax.print.attribute.standard**](#2et92p0) | Package javax.print.attribute.standard contains classes for specific printing attributes. |

| Uses of [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
| --- | --- |

| Constructors in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) | |
| --- | --- |
| [**HashDocAttributeSet**](http://docs.google.com/javax/print/attribute/HashDocAttributeSet.html#HashDocAttributeSet(javax.print.attribute.DocAttribute))([DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) attribute)            Construct a new hash doc attribute set, initially populated with the given value. |
| [**HashDocAttributeSet**](http://docs.google.com/javax/print/attribute/HashDocAttributeSet.html#HashDocAttributeSet(javax.print.attribute.DocAttribute%5B%5D))([DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html)[] attributes)            Construct a new hash doc attribute set, initially populated with the values from the given array. |

| Uses of [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |

| Classes in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) that implement [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html) | |
| --- | --- |
| class | [**Chromaticity**](http://docs.google.com/javax/print/attribute/standard/Chromaticity.html)            Class Chromaticity is a printing attribute class, an enumeration, that specifies monochrome or color printing. |
| class | [**Compression**](http://docs.google.com/javax/print/attribute/standard/Compression.html)            Class Compression is a printing attribute class, an enumeration, that specifies how print data is compressed. |
| class | [**DocumentName**](http://docs.google.com/javax/print/attribute/standard/DocumentName.html)            Class DocumentName is a printing attribute class, a text attribute, that specifies the name of a document. |
| class | [**Finishings**](http://docs.google.com/javax/print/attribute/standard/Finishings.html)            Class Finishings is a printing attribute class, an enumeration, that identifies whether the printer applies a finishing operation of some kind of binding to each copy of each printed document in the job. |
| class | [**Media**](http://docs.google.com/javax/print/attribute/standard/Media.html)            Class Media is a printing attribute class that specifies the medium on which to print. |
| class | [**MediaName**](http://docs.google.com/javax/print/attribute/standard/MediaName.html)            Class MediaName is a subclass of Media, a printing attribute class (an enumeration) that specifies the media for a print job as a name. |
| class | [**MediaPrintableArea**](http://docs.google.com/javax/print/attribute/standard/MediaPrintableArea.html)            Class MediaPrintableArea is a printing attribute used to distinguish the printable and non-printable areas of media. |
| class | [**MediaSizeName**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html)            Class MediaSizeName is a subclass of Media. |
| class | [**MediaTray**](http://docs.google.com/javax/print/attribute/standard/MediaTray.html)            Class MediaTray is a subclass of Media. |
| class | [**NumberUp**](http://docs.google.com/javax/print/attribute/standard/NumberUp.html)            Class NumberUp is an integer valued printing attribute class that specifies the number of print-stream pages to impose upon a single side of an instance of a selected medium. |
| class | [**OrientationRequested**](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html)            Class OrientationRequested is a printing attribute class, an enumeration, that indicates the desired orientation for printed print-stream pages; it does not describe the orientation of the client-supplied print-stream pages. |
| class | [**PageRanges**](http://docs.google.com/javax/print/attribute/standard/PageRanges.html)            Class PageRanges is a printing attribute class, a set of integers, that identifies the range(s) of print-stream pages that the Printer object uses for each copy of each document which are to be printed. |
| class | [**PrinterResolution**](http://docs.google.com/javax/print/attribute/standard/PrinterResolution.html)            Class PrinterResolution is a printing attribute class that specifies an exact resolution supported by a printer or to be used for a print job. |
| class | [**PrintQuality**](http://docs.google.com/javax/print/attribute/standard/PrintQuality.html)            Class PrintQuality is a printing attribute class, an enumeration, that specifies the print quality that the printer uses for the job. |
| class | [**SheetCollate**](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html)            Class SheetCollate is a printing attribute class, an enumeration, that specifies whether or not the media sheets of each copy of each printed document in a job are to be in sequence, when multiple copies of the document are specified by the [Copies](http://docs.google.com/javax/print/attribute/standard/Copies.html) attribute. |
| class | [**Sides**](http://docs.google.com/javax/print/attribute/standard/Sides.html)            Class Sides is a printing attribute class, an enumeration, that specifies how print-stream pages are to be imposed upon the sides of an instance of a selected medium, i.e., an impression. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/print/attribute/DocAttribute.html) | **Use** | [**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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