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

**Uses of Interface**

**javax.print.attribute.Attribute**

| Packages that use [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [**javax.print**](#3znysh7) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.print.attribute**](#2et92p0) | 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**](#tyjcwt) | Package javax.print.attribute.standard contains classes for specific printing attributes. |

| Uses of [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) in [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
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| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) that return [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
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| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] | **AttributeException.**[**getUnsupportedValues**](http://docs.google.com/javax/print/AttributeException.html#getUnsupportedValues())()            Returns the array of printing attributes for which the Print Service instance supports the attribute but does not support that particular value of the attribute, or null if there are no such attribute values. |

| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) with parameters of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| boolean | **PrintService.**[**isAttributeValueSupported**](http://docs.google.com/javax/print/PrintService.html#isAttributeValueSupported(javax.print.attribute.Attribute,%20javax.print.DocFlavor,%20javax.print.attribute.AttributeSet))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attrval, [DocFlavor](http://docs.google.com/javax/print/DocFlavor.html) flavor, [AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) attributes)            Determines whether a client can specify the given printing attribute value when setting up a job for this Print Service. |

| Method parameters in [javax.print](http://docs.google.com/javax/print/package-summary.html) with type arguments of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **PrintService.**[**getDefaultAttributeValue**](http://docs.google.com/javax/print/PrintService.html#getDefaultAttributeValue(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category)            Determines this print service's default printing attribute value in the given category. |
| [Object](http://docs.google.com/java/lang/Object.html) | **PrintService.**[**getSupportedAttributeValues**](http://docs.google.com/javax/print/PrintService.html#getSupportedAttributeValues(java.lang.Class,%20javax.print.DocFlavor,%20javax.print.attribute.AttributeSet))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category, [DocFlavor](http://docs.google.com/javax/print/DocFlavor.html) flavor, [AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) attributes)            Determines the printing attribute values a client can specify in the given category when setting up a job for this print service. |
| boolean | **PrintService.**[**isAttributeCategorySupported**](http://docs.google.com/javax/print/PrintService.html#isAttributeCategorySupported(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category)            Determines whether a client can specify the given printing attribute category when setting up a job for this print service. |

| Uses of [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
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| Subinterfaces of [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
| --- | --- |
| interface | [**DocAttribute**](http://docs.google.com/javax/print/attribute/DocAttribute.html)            Interface DocAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a setting for a doc. |
| interface | [**PrintJobAttribute**](http://docs.google.com/javax/print/attribute/PrintJobAttribute.html)            PrintJobAttribute is a tagging interface which a printing attribute class implements to indicate the attribute describes the status of a Print Job or some other characteristic of a Print Job. |
| interface | [**PrintRequestAttribute**](http://docs.google.com/javax/print/attribute/PrintRequestAttribute.html)            Interface PrintRequestAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a requested setting for a print job. |
| interface | [**PrintServiceAttribute**](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html)            Interface PrintServiceAttribute is a tagging interface which a printing attribute class implements to indicate the attribute describes the status of a Print Service or some other characteristic of a Print Service. |
| interface | [**SupportedValuesAttribute**](http://docs.google.com/javax/print/attribute/SupportedValuesAttribute.html)            Interface SupportedValuesAttribute is a tagging interface which a printing attribute class implements to indicate the attribute describes the supported values for another attribute. |

| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) that return [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **HashAttributeSet.**[**get**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#get(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns the attribute value which this attribute set contains in the given attribute category. |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **AttributeSet.**[**get**](http://docs.google.com/javax/print/attribute/AttributeSet.html#get(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns the attribute value which this attribute set contains in the given attribute category. |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] | **HashAttributeSet.**[**toArray**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#toArray())() |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] | **AttributeSet.**[**toArray**](http://docs.google.com/javax/print/attribute/AttributeSet.html#toArray())()            Returns an array of the attributes contained in this set. |
| static [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **AttributeSetUtilities.**[**verifyAttributeValue**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyAttributeValue(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) object, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Verify that the given object is an instance of the given interface, which is assumed to be interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) or a subinterface thereof. |

| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) that return types with arguments of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Attribute.**[**getCategory**](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 when it is added to an attribute set. |

| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| boolean | **HashAttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute to this attribute set if it is not already present, first removing any existing in the same attribute category as the specified attribute value. |
| boolean | **DocAttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/DocAttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute value to this attribute set if it is not already present, first removing any existing value in the same attribute category as the specified attribute value (optional operation). |
| boolean | **PrintJobAttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/PrintJobAttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute value to this attribute set if it is not already present, first removing any existing value in the same attribute category as the specified attribute value (optional operation). |
| boolean | **PrintServiceAttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/PrintServiceAttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute value to this attribute set if it is not already present, first removing any existing value in the same attribute category as the specified attribute value (optional operation). |
| boolean | **AttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/AttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute to this attribute set if it is not already present, first removing any existing value in the same attribute category as the specified attribute value. |
| boolean | **PrintRequestAttributeSet.**[**add**](http://docs.google.com/javax/print/attribute/PrintRequestAttributeSet.html#add(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Adds the specified attribute value to this attribute set if it is not already present, first removing any existing value in the same attribute category as the specified attribute value (optional operation). |
| boolean | **HashAttributeSet.**[**containsValue**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#containsValue(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Returns true if this attribute set contains the given attribute. |
| boolean | **AttributeSet.**[**containsValue**](http://docs.google.com/javax/print/attribute/AttributeSet.html#containsValue(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Returns true if this attribute set contains the given attribute value. |
| boolean | **HashAttributeSet.**[**remove**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#remove(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Removes the specified attribute from this attribute set if present. |
| boolean | **AttributeSet.**[**remove**](http://docs.google.com/javax/print/attribute/AttributeSet.html#remove(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Removes the specified attribute from this attribute set if present. |
| static void | **AttributeSetUtilities.**[**verifyCategoryForValue**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyCategoryForValue(java.lang.Class,%20javax.print.attribute.Attribute))([Class](http://docs.google.com/java/lang/Class.html)<?> category, [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Verify that the given attribute category object is equal to the category of the given attribute value object. |

| Constructors in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Construct a new attribute set, initially populated with the given attribute. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute%5B%5D))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] attributes)            Construct a new attribute set, initially populated with the values from the given array. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute%5B%5D,%20java.lang.Class))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] attributes, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new attribute set, where the members of the attribute set are restricted to the given interface. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute,%20java.lang.Class))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new attribute set, initially populated with the given attribute, where the members of the attribute set are restricted to the given interface. |

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

| Methods in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) that return types with arguments of type [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **ReferenceUriSchemesSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **QueuedJobCount.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/QueuedJobCount.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterURI.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterURI.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterResolution.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterResolution.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMoreInfoManufacturer.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfoManufacturer.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMoreInfo.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfo.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMessageFromOperator.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterLocation.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterLocation.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PresentationDirection.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PagesPerMinuteColor.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PagesPerMinuteColor.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PagesPerMinute.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PagesPerMinute.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PDLOverrideSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PDLOverrideSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **OutputDeviceAssigned.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/OutputDeviceAssigned.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberUpSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberUpSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberUp.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberUp.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberOfInterveningJobs.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberOfInterveningJobs.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberOfDocuments.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberOfDocuments.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MultipleDocumentHandling.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MultipleDocumentHandling.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobStateReasons.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobStateReason.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobState.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobState.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobPrioritySupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMessageFromOperator.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheetsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheetsCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctetsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctetsProcessed.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheets.**[**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. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctets.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressionsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressionsCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressions.**[**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. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobHoldUntil.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Finishings.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Finishings.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtProcessing.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtProcessing.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtCreation.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCreation.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Compression.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Compression.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobOriginatingUserName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DocumentName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DocumentName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobPriority.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobPriority.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrintQuality.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrintQuality.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterInfo.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterInfo.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMakeAndModel.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMakeAndModel.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Destination.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Destination.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PageRanges.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PageRanges.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **CopiesSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/CopiesSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **ColorSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/ColorSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MediaSize.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MediaSize.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Media.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Media.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **SheetCollate.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **RequestingUserName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterIsAcceptingJobs.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterIsAcceptingJobs.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Severity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Severity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterStateReasons.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterStateReason.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterState.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobSheets.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobSheets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Fidelity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Fidelity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Copies.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Copies.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Chromaticity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Chromaticity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Sides.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Sides.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **OrientationRequested.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MediaPrintableArea.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MediaPrintableArea.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |

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

[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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