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

## **javax.print.attribute**

Interface Attribute

**All Superinterfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **All Known Subinterfaces:** [DocAttribute](http://docs.google.com/javax/print/attribute/DocAttribute.html), [PrintJobAttribute](http://docs.google.com/javax/print/attribute/PrintJobAttribute.html), [PrintRequestAttribute](http://docs.google.com/javax/print/attribute/PrintRequestAttribute.html), [PrintServiceAttribute](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html), [SupportedValuesAttribute](http://docs.google.com/javax/print/attribute/SupportedValuesAttribute.html) **All Known Implementing Classes:** [Chromaticity](http://docs.google.com/javax/print/attribute/standard/Chromaticity.html), [ColorSupported](http://docs.google.com/javax/print/attribute/standard/ColorSupported.html), [Compression](http://docs.google.com/javax/print/attribute/standard/Compression.html), [Copies](http://docs.google.com/javax/print/attribute/standard/Copies.html), [CopiesSupported](http://docs.google.com/javax/print/attribute/standard/CopiesSupported.html), [DateTimeAtCompleted](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCompleted.html), [DateTimeAtCreation](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCreation.html), [DateTimeAtProcessing](http://docs.google.com/javax/print/attribute/standard/DateTimeAtProcessing.html), [Destination](http://docs.google.com/javax/print/attribute/standard/Destination.html), [DocumentName](http://docs.google.com/javax/print/attribute/standard/DocumentName.html), [Fidelity](http://docs.google.com/javax/print/attribute/standard/Fidelity.html), [Finishings](http://docs.google.com/javax/print/attribute/standard/Finishings.html), [JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html), [JobImpressions](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html), [JobImpressionsCompleted](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html), [JobImpressionsSupported](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html), [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html), [JobKOctetsProcessed](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html), [JobKOctetsSupported](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html), [JobMediaSheets](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html), [JobMediaSheetsCompleted](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html), [JobMediaSheetsSupported](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html), [JobMessageFromOperator](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html), [JobName](http://docs.google.com/javax/print/attribute/standard/JobName.html), [JobOriginatingUserName](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html), [JobPriority](http://docs.google.com/javax/print/attribute/standard/JobPriority.html), [JobPrioritySupported](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html), [JobSheets](http://docs.google.com/javax/print/attribute/standard/JobSheets.html), [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html), [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html), [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html), [Media](http://docs.google.com/javax/print/attribute/standard/Media.html), [MediaName](http://docs.google.com/javax/print/attribute/standard/MediaName.html), [MediaPrintableArea](http://docs.google.com/javax/print/attribute/standard/MediaPrintableArea.html), [MediaSize](http://docs.google.com/javax/print/attribute/standard/MediaSize.html), [MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html), [MediaTray](http://docs.google.com/javax/print/attribute/standard/MediaTray.html), [MultipleDocumentHandling](http://docs.google.com/javax/print/attribute/standard/MultipleDocumentHandling.html), [NumberOfDocuments](http://docs.google.com/javax/print/attribute/standard/NumberOfDocuments.html), [NumberOfInterveningJobs](http://docs.google.com/javax/print/attribute/standard/NumberOfInterveningJobs.html), [NumberUp](http://docs.google.com/javax/print/attribute/standard/NumberUp.html), [NumberUpSupported](http://docs.google.com/javax/print/attribute/standard/NumberUpSupported.html), [OrientationRequested](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html), [OutputDeviceAssigned](http://docs.google.com/javax/print/attribute/standard/OutputDeviceAssigned.html), [PageRanges](http://docs.google.com/javax/print/attribute/standard/PageRanges.html), [PagesPerMinute](http://docs.google.com/javax/print/attribute/standard/PagesPerMinute.html), [PagesPerMinuteColor](http://docs.google.com/javax/print/attribute/standard/PagesPerMinuteColor.html), [PDLOverrideSupported](http://docs.google.com/javax/print/attribute/standard/PDLOverrideSupported.html), [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html), [PrinterInfo](http://docs.google.com/javax/print/attribute/standard/PrinterInfo.html), [PrinterIsAcceptingJobs](http://docs.google.com/javax/print/attribute/standard/PrinterIsAcceptingJobs.html), [PrinterLocation](http://docs.google.com/javax/print/attribute/standard/PrinterLocation.html), [PrinterMakeAndModel](http://docs.google.com/javax/print/attribute/standard/PrinterMakeAndModel.html), [PrinterMessageFromOperator](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html), [PrinterMoreInfo](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfo.html), [PrinterMoreInfoManufacturer](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfoManufacturer.html), [PrinterName](http://docs.google.com/javax/print/attribute/standard/PrinterName.html), [PrinterResolution](http://docs.google.com/javax/print/attribute/standard/PrinterResolution.html), [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html), [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html), [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html), [PrinterURI](http://docs.google.com/javax/print/attribute/standard/PrinterURI.html), [PrintQuality](http://docs.google.com/javax/print/attribute/standard/PrintQuality.html), [QueuedJobCount](http://docs.google.com/javax/print/attribute/standard/QueuedJobCount.html), [ReferenceUriSchemesSupported](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html), [RequestingUserName](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html), [Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html), [SheetCollate](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html), [Sides](http://docs.google.com/javax/print/attribute/standard/Sides.html)

public interface **Attribute**extends [Serializable](http://docs.google.com/java/io/Serializable.html)

Interface Attribute is the base interface implemented by any and every printing attribute class to indicate that the class represents a printing attribute. All printing attributes are serializable.

| **Method Summary** | |
| --- | --- |
| [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/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. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/print/attribute/Attribute.html#getName())()            Get the name of the category of which this attribute value is an instance. |

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

### getCategory

[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 when it is added to an attribute set.

**Returns:**Printing attribute class (category), an instance of class [java.lang.Class](http://docs.google.com/java/lang/Class.html).

### getName

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

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

*Note:* This method is intended to provide a default, nonlocalized string for the attribute's category. If two attribute objects return the same category from the getCategory() method, they should return the same name from the getName() method.

**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/Attribute.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   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/AttributeSet.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/Attribute.html)    [**NO FRAMES**](http://docs.google.com/Attribute.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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