| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.print.attribute**

| Packages that use [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
| --- | --- |
| [**java.awt.print**](#3znysh7) | Provides classes and interfaces for a general printing API. |
| [**javax.print**](#2et92p0) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.print.attribute**](#tyjcwt) | 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**](#3dy6vkm) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.print.event**](#1t3h5sf) | Package javax.print.event contains event classes and listener interfaces. |
| [**javax.swing**](#4d34og8) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.text**](#2s8eyo1) | Provides classes and interfaces that deal with editable and noneditable text components. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [java.awt.print](http://docs.google.com/java/awt/print/package-summary.html) | |
| --- | --- |
| [**PrintRequestAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttributeSet.html#java.awt.print)            Interface PrintRequestAttributeSet specifies the interface for a set of print request attributes, i.e. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
| --- | --- |
| [**Attribute**](http://docs.google.com/javax/print/attribute/class-use/Attribute.html#javax.print)            Interface Attribute is the base interface implemented by any and every printing attribute class to indicate that the class represents a printing attribute. |
| [**AttributeSet**](http://docs.google.com/javax/print/attribute/class-use/AttributeSet.html#javax.print)            Interface AttributeSet specifies the interface for a set of printing attributes. |
| [**DocAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/DocAttributeSet.html#javax.print)            Interface DocAttributeSet specifies the interface for a set of doc attributes, i.e. |
| [**PrintJobAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintJobAttributeSet.html#javax.print)            Interface PrintJobAttributeSet specifies the interface for a set of print job attributes, i.e. |
| [**PrintRequestAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttributeSet.html#javax.print)            Interface PrintRequestAttributeSet specifies the interface for a set of print request attributes, i.e. |
| [**PrintServiceAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttribute.html#javax.print)            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. |
| [**PrintServiceAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttributeSet.html#javax.print)            Interface PrintServiceAttributeSet specifies the interface for a set of print job attributes, i.e. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
| --- | --- |
| [**Attribute**](http://docs.google.com/javax/print/attribute/class-use/Attribute.html#javax.print.attribute)            Interface Attribute is the base interface implemented by any and every printing attribute class to indicate that the class represents a printing attribute. |
| [**AttributeSet**](http://docs.google.com/javax/print/attribute/class-use/AttributeSet.html#javax.print.attribute)            Interface AttributeSet specifies the interface for a set of printing attributes. |
| [**DocAttribute**](http://docs.google.com/javax/print/attribute/class-use/DocAttribute.html#javax.print.attribute)            Interface DocAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a setting for a doc. |
| [**DocAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/DocAttributeSet.html#javax.print.attribute)            Interface DocAttributeSet specifies the interface for a set of doc attributes, i.e. |
| [**EnumSyntax**](http://docs.google.com/javax/print/attribute/class-use/EnumSyntax.html#javax.print.attribute)            Class EnumSyntax is an abstract base class providing the common implementation of all "type safe enumeration" objects. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/HashAttributeSet.html#javax.print.attribute)            Class HashAttributeSet provides an AttributeSet implementation with characteristics of a hash map. |
| [**IntegerSyntax**](http://docs.google.com/javax/print/attribute/class-use/IntegerSyntax.html#javax.print.attribute)            Class IntegerSyntax is an abstract base class providing the common implementation of all attributes with integer values. |
| [**PrintJobAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintJobAttribute.html#javax.print.attribute)            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. |
| [**PrintJobAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintJobAttributeSet.html#javax.print.attribute)            Interface PrintJobAttributeSet specifies the interface for a set of print job attributes, i.e. |
| [**PrintRequestAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttribute.html#javax.print.attribute)            Interface PrintRequestAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a requested setting for a print job. |
| [**PrintRequestAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttributeSet.html#javax.print.attribute)            Interface PrintRequestAttributeSet specifies the interface for a set of print request attributes, i.e. |
| [**PrintServiceAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttribute.html#javax.print.attribute)            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. |
| [**PrintServiceAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttributeSet.html#javax.print.attribute)            Interface PrintServiceAttributeSet specifies the interface for a set of print job attributes, i.e. |
| [**ResolutionSyntax**](http://docs.google.com/javax/print/attribute/class-use/ResolutionSyntax.html#javax.print.attribute)            Class ResolutionSyntax is an abstract base class providing the common implementation of all attributes denoting a printer resolution. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |
| [**Attribute**](http://docs.google.com/javax/print/attribute/class-use/Attribute.html#javax.print.attribute.standard)            Interface Attribute is the base interface implemented by any and every printing attribute class to indicate that the class represents a printing attribute. |
| [**DateTimeSyntax**](http://docs.google.com/javax/print/attribute/class-use/DateTimeSyntax.html#javax.print.attribute.standard)            Class DateTimeSyntax is an abstract base class providing the common implementation of all attributes whose value is a date and time. |
| [**DocAttribute**](http://docs.google.com/javax/print/attribute/class-use/DocAttribute.html#javax.print.attribute.standard)            Interface DocAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a setting for a doc. |
| [**EnumSyntax**](http://docs.google.com/javax/print/attribute/class-use/EnumSyntax.html#javax.print.attribute.standard)            Class EnumSyntax is an abstract base class providing the common implementation of all "type safe enumeration" objects. |
| [**IntegerSyntax**](http://docs.google.com/javax/print/attribute/class-use/IntegerSyntax.html#javax.print.attribute.standard)            Class IntegerSyntax is an abstract base class providing the common implementation of all attributes with integer values. |
| [**PrintJobAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintJobAttribute.html#javax.print.attribute.standard)            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. |
| [**PrintRequestAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttribute.html#javax.print.attribute.standard)            Interface PrintRequestAttribute is a tagging interface which a printing attribute class implements to indicate the attribute denotes a requested setting for a print job. |
| [**PrintServiceAttribute**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttribute.html#javax.print.attribute.standard)            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. |
| [**ResolutionSyntax**](http://docs.google.com/javax/print/attribute/class-use/ResolutionSyntax.html#javax.print.attribute.standard)            Class ResolutionSyntax is an abstract base class providing the common implementation of all attributes denoting a printer resolution. |
| [**SetOfIntegerSyntax**](http://docs.google.com/javax/print/attribute/class-use/SetOfIntegerSyntax.html#javax.print.attribute.standard)            Class SetOfIntegerSyntax is an abstract base class providing the common implementation of all attributes whose value is a set of nonnegative integers. |
| [**Size2DSyntax**](http://docs.google.com/javax/print/attribute/class-use/Size2DSyntax.html#javax.print.attribute.standard)            Class Size2DSyntax is an abstract base class providing the common implementation of all attributes denoting a size in two dimensions. |
| [**SupportedValuesAttribute**](http://docs.google.com/javax/print/attribute/class-use/SupportedValuesAttribute.html#javax.print.attribute.standard)            Interface SupportedValuesAttribute is a tagging interface which a printing attribute class implements to indicate the attribute describes the supported values for another attribute. |
| [**TextSyntax**](http://docs.google.com/javax/print/attribute/class-use/TextSyntax.html#javax.print.attribute.standard)            Class TextSyntax is an abstract base class providing the common implementation of all attributes whose value is a string. |
| [**URISyntax**](http://docs.google.com/javax/print/attribute/class-use/URISyntax.html#javax.print.attribute.standard)            Class URISyntax is an abstract base class providing the common implementation of all attributes whose value is a Uniform Resource Identifier (URI). |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.print.event](http://docs.google.com/javax/print/event/package-summary.html) | |
| --- | --- |
| [**PrintJobAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintJobAttributeSet.html#javax.print.event)            Interface PrintJobAttributeSet specifies the interface for a set of print job attributes, i.e. |
| [**PrintServiceAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintServiceAttributeSet.html#javax.print.event)            Interface PrintServiceAttributeSet specifies the interface for a set of print job attributes, i.e. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |
| [**PrintRequestAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttributeSet.html#javax.swing)            Interface PrintRequestAttributeSet specifies the interface for a set of print request attributes, i.e. |

| Classes in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) used by [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |
| [**PrintRequestAttributeSet**](http://docs.google.com/javax/print/attribute/class-use/PrintRequestAttributeSet.html#javax.swing.text)            Interface PrintRequestAttributeSet specifies the interface for a set of print request attributes, i.e. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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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