| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrinterState.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/PrinterResolution.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/PrinterState.html)    [**NO FRAMES**](http://docs.google.com/PrinterState.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.print.attribute.standard**

Class PrinterState

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.print.attribute.EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html)  
 **javax.print.attribute.standard.PrinterState**

**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), [PrintServiceAttribute](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html)

public final class **PrinterState**extends [EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html)implements [PrintServiceAttribute](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html)

Class PrinterState is a printing attribute class, an enumeration, that identifies the current state of a printer. Class PrinterState defines standard printer state values. A Print Service implementation only needs to report those printer states which are appropriate for the particular implementation; it does not have to report every defined printer state. The [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute augments the PrinterState attribute to give more detailed information about the printer in given printer state.

**IPP Compatibility:** The category name returned by getName() is the IPP attribute name. The enumeration's integer value is the IPP enum value. The toString() method returns the IPP string representation of the attribute value.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.print.attribute.standard.PrinterState)

| **Field Summary** | |
| --- | --- |
| static [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) | [**IDLE**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#IDLE)            Indicates that new jobs can start processing without waiting. |
| static [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) | [**PROCESSING**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#PROCESSING)            Indicates that jobs are processing; new jobs will wait before processing. |
| static [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) | [**STOPPED**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#STOPPED)            Indicates that no jobs can be processed and intervention is required. |
| static [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) | [**UNKNOWN**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#UNKNOWN)            The printer state is unknown. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**PrinterState**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#PrinterState(int))(int value)            Construct a new printer state enumeration value with the given integer value. |

| **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/standard/PrinterState.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| protected  [EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html)[] | [**getEnumValueTable**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#getEnumValueTable())()            Returns the enumeration value table for class PrinterState. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#getName())()            Get the name of the category of which this attribute value is an instance. |
| protected  [String](http://docs.google.com/java/lang/String.html)[] | [**getStringTable**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#getStringTable())()            Returns the string table for class PrinterState. |

| **Methods inherited from class javax.print.attribute.**[**EnumSyntax**](http://docs.google.com/javax/print/attribute/EnumSyntax.html) |
| --- |
| [clone](http://docs.google.com/javax/print/attribute/EnumSyntax.html#clone()), [getOffset](http://docs.google.com/javax/print/attribute/EnumSyntax.html#getOffset()), [getValue](http://docs.google.com/javax/print/attribute/EnumSyntax.html#getValue()), [hashCode](http://docs.google.com/javax/print/attribute/EnumSyntax.html#hashCode()), [readResolve](http://docs.google.com/javax/print/attribute/EnumSyntax.html#readResolve()), [toString](http://docs.google.com/javax/print/attribute/EnumSyntax.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [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)) |

| **Field Detail** |
| --- |

### UNKNOWN

public static final [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) **UNKNOWN**

The printer state is unknown.

### IDLE

public static final [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) **IDLE**

Indicates that new jobs can start processing without waiting.

### PROCESSING

public static final [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) **PROCESSING**

Indicates that jobs are processing; new jobs will wait before processing.

### STOPPED

public static final [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) **STOPPED**

Indicates that no jobs can be processed and intervention is required.

| **Constructor Detail** |
| --- |

### PrinterState

protected **PrinterState**(int value)

Construct a new printer state enumeration value with the given integer value.

**Parameters:**value - Integer value.

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

### getStringTable

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

Returns the string table for class PrinterState.

**Overrides:**[getStringTable](http://docs.google.com/javax/print/attribute/EnumSyntax.html#getStringTable()) in class [EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html) **Returns:**the string table

### getEnumValueTable

protected [EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html)[] **getEnumValueTable**()

Returns the enumeration value table for class PrinterState.

**Overrides:**[getEnumValueTable](http://docs.google.com/javax/print/attribute/EnumSyntax.html#getEnumValueTable()) in class [EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html) **Returns:**the value table

### 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 PrinterState, the category is class PrinterState 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 PrinterState, the category name is "printer-state".

**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/PrinterState.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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