| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrinterMessageFromOperator.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/PrinterMakeAndModel.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfo.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/PrinterMessageFromOperator.html)    [**NO FRAMES**](http://docs.google.com/PrinterMessageFromOperator.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

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

Class PrinterMessageFromOperator

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

**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 **PrinterMessageFromOperator**extends [TextSyntax](http://docs.google.com/javax/print/attribute/TextSyntax.html)implements [PrintServiceAttribute](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html)

Class PrinterMessageFromOperator is a printing attribute class, a text attribute, that provides a message from an operator, system administrator, or "intelligent" process to indicate to the end user information about or status of the printer, such as why it is unavailable or when it is expected to be available.

A Print Service's attribute set includes zero instances or one instance of a PrinterMessageFromOperator attribute, not more than one instance. A new PrinterMessageFromOperator attribute replaces an existing PrinterMessageFromOperator attribute, if any. In other words, PrinterMessageFromOperator is not intended to be a history log. If it wishes, the client can detect changes to a Print Service's PrinterMessageFromOperator attribute and maintain the client's own history log of the PrinterMessageFromOperator attribute values.

**IPP Compatibility:** The string value gives the IPP name value. The locale gives the IPP natural language. The category name returned by getName() gives the IPP attribute name.

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

| **Constructor Summary** | |
| --- | --- |
| [**PrinterMessageFromOperator**](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html#PrinterMessageFromOperator(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) message, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Constructs a new printer message from operator attribute with the given message and locale. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) object)            Returns whether this printer message from operator attribute is equivalent to the passed in object. |
| [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/PrinterMessageFromOperator.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html#getName())()            Get the name of the category of which this attribute value is an instance. |

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

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

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

### PrinterMessageFromOperator

public **PrinterMessageFromOperator**([String](http://docs.google.com/java/lang/String.html) message,  
 [Locale](http://docs.google.com/java/util/Locale.html) locale)

Constructs a new printer message from operator attribute with the given message and locale.

**Parameters:**message - Message.locale - Natural language of the text string. null is interpreted to mean the default locale as returned by Locale.getDefault() **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - (unchecked exception) Thrown if message is null.

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

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) object)

Returns whether this printer message from operator attribute is equivalent to the passed in object. To be equivalent, all of the following conditions must be true:

1. object is not null.
2. object is an instance of class PrinterMessageFromOperator.
3. This printer message from operator attribute's underlying string and object's underlying string are equal.
4. This printer message from operator attribute's locale and object's locale are equal.

**Overrides:**[equals](http://docs.google.com/javax/print/attribute/TextSyntax.html#equals(java.lang.Object)) in class [TextSyntax](http://docs.google.com/javax/print/attribute/TextSyntax.html) **Parameters:**object - Object to compare to. **Returns:**True if object is equivalent to this printer message from operator attribute, false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### 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 PrinterMessageFromOperator, the category is class PrinterMessageFromOperator 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 PrinterMessageFromOperator, the category name is "printer-message-from-operator".

**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/PrinterMessageFromOperator.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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