| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Severity.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/RequestingUserName.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/Severity.html)    [**NO FRAMES**](http://docs.google.com/Severity.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

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

Class Severity

[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.Severity**

**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)

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

Class Severity is a printing attribute class, an enumeration, that denotes the severity of a [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) attribute.

Instances of Severity do not appear in a Print Service's attribute set directly. Rather, a [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute appears in the Print Service's attribute set. The [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute contains zero, one, or more than one [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) objects which pertain to the Print Service's status, and each [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) object is associated with a Severity level of REPORT (least severe), WARNING, or ERROR (most severe). The printer adds a [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) object to the Print Service's [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute when the corresponding condition becomes true of the printer, and the printer removes the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) object again when the corresponding condition becomes false, regardless of whether the Print Service's overall [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) also changed.

**IPP Compatibility:** Severity.toString() returns either "error", "warning", or "report". The string values returned by each individual [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) and associated [Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html) object's toString() methods, concatenated together with a hyphen ("-") in between, gives the IPP keyword value for a [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html). 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.Severity)

| **Field Summary** | |
| --- | --- |
| static [Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html) | [**ERROR**](http://docs.google.com/javax/print/attribute/standard/Severity.html#ERROR)            Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is an "error" (most severe). |
| static [Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html) | [**REPORT**](http://docs.google.com/javax/print/attribute/standard/Severity.html#REPORT)            Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is a "report" (least severe). |
| static [Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html) | [**WARNING**](http://docs.google.com/javax/print/attribute/standard/Severity.html#WARNING)            Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is a "warning." An implementation may choose to omit some or all warnings. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**Severity**](http://docs.google.com/javax/print/attribute/standard/Severity.html#Severity(int))(int value)            Construct a new severity 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/Severity.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/Severity.html#getEnumValueTable())()            Returns the enumeration value table for class Severity. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/print/attribute/standard/Severity.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/Severity.html#getStringTable())()            Returns the string table for class Severity. |

| **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** |
| --- |

### REPORT

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

Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is a "report" (least severe). An implementation may choose to omit some or all reports. Some reports specify finer granularity about the printer state; others serve as a precursor to a warning. A report must contain nothing that could affect the printed output.

### WARNING

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

Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is a "warning." An implementation may choose to omit some or all warnings. Warnings serve as a precursor to an error. A warning must contain nothing that prevents a job from completing, though in some cases the output may be of lower quality.

### ERROR

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

Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is an "error" (most severe). An implementation must include all errors. If this attribute contains one or more errors, the printer's [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) must be STOPPED.

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

### Severity

protected **Severity**(int value)

Construct a new severity 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 Severity.

**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 Severity.

**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 Severity, the category is class Severity 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 Severit, the category name is "severity".

**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/Severity.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/RequestingUserName.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/Severity.html)    [**NO FRAMES**](http://docs.google.com/Severity.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

[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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