| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JobStateReason.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/JobState.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/JobStateReason.html)    [**NO FRAMES**](http://docs.google.com/JobStateReason.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#2grqrue) | [METHOD](#3fwokq0) |

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

Class JobStateReason

[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.JobStateReason**

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

Class JobStateReason is a printing attribute class, an enumeration, that provides additional information about the job's current state, i.e., information that augments the value of the job's [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) attribute. Class JobStateReason defines standard job state reason values. A Print Service implementation only needs to report those job state reasons which are appropriate for the particular implementation; it does not have to report every defined job state reason.

Instances of JobStateReason do not appear in a Print Job's attribute set directly. Rather, a [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute appears in the Print Job's attribute set. The [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute contains zero, one, or more than one JobStateReason objects which pertain to the Print Job's status. The printer adds a JobStateReason object to the Print Job's [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute when the corresponding condition becomes true of the Print Job, and the printer removes the JobStateReason object again when the corresponding condition becomes false, regardless of whether the Print Job's overall [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) also changed.

**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.JobStateReason)

| **Field Summary** | |
| --- | --- |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**ABORTED\_BY\_SYSTEM**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#ABORTED_BY_SYSTEM)            The job was aborted by the system. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**COMPRESSION\_ERROR**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#COMPRESSION_ERROR)            The job was aborted by the system because the printer encountered an error in the document data while decompressing it. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**DOCUMENT\_ACCESS\_ERROR**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#DOCUMENT_ACCESS_ERROR)            The Printer could not access one or more documents passed by reference (i.e., the print data representation object is a URL). |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**DOCUMENT\_FORMAT\_ERROR**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#DOCUMENT_FORMAT_ERROR)            The job was aborted by the system because the printer encountered an error in the document data while processing it. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_CANCELED\_AT\_DEVICE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_AT_DEVICE)            The job was canceled by an unidentified local user, i.e., a user at a console at the device. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_CANCELED\_BY\_OPERATOR**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_BY_OPERATOR)            The job was canceled by the operator, i.e., by a user who has been authenticated as having operator privileges (whether local or remote). |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_CANCELED\_BY\_USER**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_BY_USER)            The job was canceled by the owner of the job, i.e., by a user whose authenticated identity is the same as the value of the originating user that created the Print Job, or by some other authorized end-user, such as a member of the job owner's security group. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_COMPLETED\_SUCCESSFULLY**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_SUCCESSFULLY)            The job completed successfully. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_COMPLETED\_WITH\_ERRORS**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_WITH_ERRORS)            The job completed with errors (and possibly warnings too). |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_COMPLETED\_WITH\_WARNINGS**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_WITH_WARNINGS)            The job completed with warnings. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_DATA\_INSUFFICIENT**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_DATA_INSUFFICIENT)            The printer has created the Print Job, but the printer is expecting additional print data before it can move the job into the PROCESSING state. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_HOLD\_UNTIL\_SPECIFIED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_HOLD_UNTIL_SPECIFIED)            The value of the job's [JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) attribute was specified with a date-time that is still in the future. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_INCOMING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_INCOMING)            The printer has created the Print Job, but the printer has not finished accessing or accepting all the print data yet. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_INTERPRETING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_INTERPRETING)            The job is in the PROCESSING state, but more specifically, the printer ia interpreting the document data. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_OUTGOING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_OUTGOING)            The printer is transmitting the job to the output device. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_PRINTING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_PRINTING)            The output device is marking media. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_QUEUED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_QUEUED)            The job is in the PROCESSING state, but more specifically, the printer has queued the document data. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_QUEUED\_FOR\_MARKER**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_QUEUED_FOR_MARKER)            The job is in the PENDING\_HELD, PENDING, or PROCESSING state, but more specifically, the printer has completed enough processing of the document to be able to start marking and the job is waiting for the marker. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_RESTARTABLE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_RESTARTABLE)            This job is retained and is currently able to be restarted. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**JOB\_TRANSFORMING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_TRANSFORMING)            The job is in the PROCESSING state, but more specifically, the printer is interpreting document data and producing another electronic representation. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**PRINTER\_STOPPED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#PRINTER_STOPPED)            The value of the printer's [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) attribute ia STOPPED. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**PRINTER\_STOPPED\_PARTLY**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#PRINTER_STOPPED_PARTLY)            The value of the printer's [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute contains a [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) value of STOPPED\_PARTLY. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**PROCESSING\_TO\_STOP\_POINT**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#PROCESSING_TO_STOP_POINT)            The requester has canceled the job or the printer has aborted the job, but the printer is still performing some actions on the job until a specified stop point occurs or job termination/cleanup is completed. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**QUEUED\_IN\_DEVICE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#QUEUED_IN_DEVICE)            The job has been forwarded to a device or print system that is unable to send back status. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**RESOURCES\_ARE\_NOT\_READY**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#RESOURCES_ARE_NOT_READY)            At least one of the resources needed by the job, such as media, fonts, resource objects, etc., is not ready on any of the physical printers for which the job is a candidate. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**SERVICE\_OFF\_LINE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#SERVICE_OFF_LINE)            The printer is off-line and accepting no jobs. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**SUBMISSION\_INTERRUPTED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#SUBMISSION_INTERRUPTED)            The job was not completely submitted for some unforeseen reason. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**UNSUPPORTED\_COMPRESSION**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#UNSUPPORTED_COMPRESSION)            The job was aborted by the system because the printer determined while attempting to decompress the document's data that the compression is actually not among those supported by the printer. |
| static [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) | [**UNSUPPORTED\_DOCUMENT\_FORMAT**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#UNSUPPORTED_DOCUMENT_FORMAT)            The job was aborted by the system because the document data's document format (doc flavor) is not among those supported by the printer. |

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

| **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** |
| --- |

### JOB\_INCOMING

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_INCOMING**

The printer has created the Print Job, but the printer has not finished accessing or accepting all the print data yet.

### JOB\_DATA\_INSUFFICIENT

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_DATA\_INSUFFICIENT**

The printer has created the Print Job, but the printer is expecting additional print data before it can move the job into the PROCESSING state. If a printer starts processing before it has received all data, the printer removes the JOB\_DATA\_INSUFFICIENT reason, but the JOB\_INCOMING reason remains. If a printer starts processing after it has received all data, the printer removes the JOB\_DATA\_INSUFFICIENT and JOB\_INCOMING reasons at the same time.

### DOCUMENT\_ACCESS\_ERROR

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **DOCUMENT\_ACCESS\_ERROR**

The Printer could not access one or more documents passed by reference (i.e., the print data representation object is a URL). This reason is intended to cover any file access problem,including file does not exist and access denied because of an access control problem. Whether the printer aborts the job and moves the job to the ABORTED job state or prints all documents that are accessible and moves the job to the COMPLETED job state and adds the COMPLETED\_WITH\_ERRORS reason to the job's [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute depends on implementation and/or site policy. This value should be supported if the printer supports doc flavors with URL print data representation objects.

### SUBMISSION\_INTERRUPTED

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **SUBMISSION\_INTERRUPTED**

The job was not completely submitted for some unforeseen reason. Possibilities include (1) the printer has crashed before the job was fully submitted by the client, (2) the printer or the document transfer method has crashed in some non-recoverable way before the document data was entirely transferred to the printer, (3) the client crashed before the job was fully submitted.

### JOB\_OUTGOING

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_OUTGOING**

The printer is transmitting the job to the output device.

### JOB\_HOLD\_UNTIL\_SPECIFIED

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_HOLD\_UNTIL\_SPECIFIED**

The value of the job's [JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) attribute was specified with a date-time that is still in the future. The job must not be a candidate for processing until this reason is removed and there are no other reasons to hold the job. This value should be supported if the [JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) job template attribute is supported.

### RESOURCES\_ARE\_NOT\_READY

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **RESOURCES\_ARE\_NOT\_READY**

At least one of the resources needed by the job, such as media, fonts, resource objects, etc., is not ready on any of the physical printers for which the job is a candidate. This condition may be detected when the job is accepted, or subsequently while the job is pending or processing, depending on implementation. The job may remain in its current state or be moved to the PENDING\_HELD state, depending on implementation and/or job scheduling policy.

### PRINTER\_STOPPED\_PARTLY

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **PRINTER\_STOPPED\_PARTLY**

The value of the printer's [PrinterStateReasons](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html) attribute contains a [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) value of STOPPED\_PARTLY.

### PRINTER\_STOPPED

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **PRINTER\_STOPPED**

The value of the printer's [PrinterState](http://docs.google.com/javax/print/attribute/standard/PrinterState.html) attribute ia STOPPED.

### JOB\_INTERPRETING

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_INTERPRETING**

The job is in the PROCESSING state, but more specifically, the printer ia interpreting the document data.

### JOB\_QUEUED

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_QUEUED**

The job is in the PROCESSING state, but more specifically, the printer has queued the document data.

### JOB\_TRANSFORMING

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_TRANSFORMING**

The job is in the PROCESSING state, but more specifically, the printer is interpreting document data and producing another electronic representation.

### JOB\_QUEUED\_FOR\_MARKER

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_QUEUED\_FOR\_MARKER**

The job is in the PENDING\_HELD, PENDING, or PROCESSING state, but more specifically, the printer has completed enough processing of the document to be able to start marking and the job is waiting for the marker. Systems that require human intervention to release jobs put the job into the PENDING\_HELD job state. Systems that automatically select a job to use the marker put the job into the PENDING job state or keep the job in the PROCESSING job state while waiting for the marker, depending on implementation. All implementations put the job into (or back into) the PROCESSING state when marking does begin.

### JOB\_PRINTING

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_PRINTING**

The output device is marking media. This value is useful for printers which spend a great deal of time processing (1) when no marking is happening and then want to show that marking is now happening or (2) when the job is in the process of being canceled or aborted while the job remains in the PROCESSING state, but the marking has not yet stopped so that impression or sheet counts are still increasing for the job.

### JOB\_CANCELED\_BY\_USER

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_CANCELED\_BY\_USER**

The job was canceled by the owner of the job, i.e., by a user whose authenticated identity is the same as the value of the originating user that created the Print Job, or by some other authorized end-user, such as a member of the job owner's security group. This value should be supported.

### JOB\_CANCELED\_BY\_OPERATOR

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_CANCELED\_BY\_OPERATOR**

The job was canceled by the operator, i.e., by a user who has been authenticated as having operator privileges (whether local or remote). If the security policy is to allow anyone to cancel anyone's job, then this value may be used when the job is canceled by someone other than the owner of the job. For such a security policy, in effect, everyone is an operator as far as canceling jobs is concerned. This value should be supported if the implementation permits canceling by someone other than the owner of the job.

### JOB\_CANCELED\_AT\_DEVICE

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_CANCELED\_AT\_DEVICE**

The job was canceled by an unidentified local user, i.e., a user at a console at the device. This value should be supported if the implementation supports canceling jobs at the console.

### ABORTED\_BY\_SYSTEM

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **ABORTED\_BY\_SYSTEM**

The job was aborted by the system. Either the job (1) is in the process of being aborted, (2) has been aborted by the system and placed in the ABORTED state, or (3) has been aborted by the system and placed in the PENDING\_HELD state, so that a user or operator can manually try the job again. This value should be supported.

### UNSUPPORTED\_COMPRESSION

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **UNSUPPORTED\_COMPRESSION**

The job was aborted by the system because the printer determined while attempting to decompress the document's data that the compression is actually not among those supported by the printer. This value must be supported, since [Compression](http://docs.google.com/javax/print/attribute/standard/Compression.html) is a required doc description attribute.

### COMPRESSION\_ERROR

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **COMPRESSION\_ERROR**

The job was aborted by the system because the printer encountered an error in the document data while decompressing it. If the printer posts this reason, the document data has already passed any tests that would have led to the UNSUPPORTED\_COMPRESSION job state reason.

### UNSUPPORTED\_DOCUMENT\_FORMAT

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **UNSUPPORTED\_DOCUMENT\_FORMAT**

The job was aborted by the system because the document data's document format (doc flavor) is not among those supported by the printer. If the client specifies a doc flavor with a MIME type of "application/octet-stream", the printer may abort the job if the printer cannot determine the document data's actual format through auto-sensing (even if the printer supports the document format if specified explicitly). This value must be supported, since a doc flavor is required to be specified for each doc.

### DOCUMENT\_FORMAT\_ERROR

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **DOCUMENT\_FORMAT\_ERROR**

The job was aborted by the system because the printer encountered an error in the document data while processing it. If the printer posts this reason, the document data has already passed any tests that would have led to the UNSUPPORTED\_DOCUMENT\_FORMAT job state reason.

### PROCESSING\_TO\_STOP\_POINT

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **PROCESSING\_TO\_STOP\_POINT**

The requester has canceled the job or the printer has aborted the job, but the printer is still performing some actions on the job until a specified stop point occurs or job termination/cleanup is completed.

If the implementation requires some measurable time to cancel the job in the PROCESSING or PROCESSING\_STOPPED job states, the printer must use this reason to indicate that the printer is still performing some actions on the job while the job remains in the PROCESSING or PROCESSING\_STOPPED state. After all the job's job description attributes have stopped incrementing, the printer moves the job from the PROCESSING state to the CANCELED or ABORTED job states.

### SERVICE\_OFF\_LINE

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **SERVICE\_OFF\_LINE**

The printer is off-line and accepting no jobs. All PENDING jobs are put into the PENDING\_HELD state. This situation could be true if the service's or document transform's input is impaired or broken.

### JOB\_COMPLETED\_SUCCESSFULLY

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_COMPLETED\_SUCCESSFULLY**

The job completed successfully. This value should be supported.

### JOB\_COMPLETED\_WITH\_WARNINGS

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_COMPLETED\_WITH\_WARNINGS**

The job completed with warnings. This value should be supported if the implementation detects warnings.

### JOB\_COMPLETED\_WITH\_ERRORS

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_COMPLETED\_WITH\_ERRORS**

The job completed with errors (and possibly warnings too). This value should be supported if the implementation detects errors.

### JOB\_RESTARTABLE

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **JOB\_RESTARTABLE**

This job is retained and is currently able to be restarted. If JOB\_RESTARTABLE is contained in the job's [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute, then the printer must accept a request to restart that job. This value should be supported if restarting jobs is supported. *[The capability for restarting jobs is not in the Java Print Service API at present.]*

### QUEUED\_IN\_DEVICE

public static final [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) **QUEUED\_IN\_DEVICE**

The job has been forwarded to a device or print system that is unable to send back status. The printer sets the job's [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) attribute to COMPLETED and adds the QUEUED\_IN\_DEVICE reason to the job's [JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) attribute to indicate that the printer has no additional information about the job and never will have any better information.

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

### JobStateReason

protected **JobStateReason**(int value)

Construct a new job state reason 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 JobStateReason.

**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 JobStateReason.

**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 JobStateReason and any vendor-defined subclasses, the category is class JobStateReason 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 JobStateReason and any vendor-defined subclasses, the category name is "job-state-reason".

**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/JobStateReason.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/JobState.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/attribute/standard/JobStateReason.html)    [**NO FRAMES**](http://docs.google.com/JobStateReason.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#2grqrue) | [METHOD](#3fwokq0) |

[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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