| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobEvent.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/event/PrintJobAttributeListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintJobListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintJobEvent.html)    [**NO FRAMES**](http://docs.google.com/PrintJobEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

## **javax.print.event**

Class PrintJobEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [javax.print.event.PrintEvent](http://docs.google.com/javax/print/event/PrintEvent.html)  
 **javax.print.event.PrintJobEvent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **PrintJobEvent**extends [PrintEvent](http://docs.google.com/javax/print/event/PrintEvent.html)

Class PrintJobEvent encapsulates common events a print job reports to let a listener know of progress in the processing of the [DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html).

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

| **Field Summary** | |
| --- | --- |
| static int | [**DATA\_TRANSFER\_COMPLETE**](http://docs.google.com/javax/print/event/PrintJobEvent.html#DATA_TRANSFER_COMPLETE)            The job is not necessarily printed yet, but the data has been transferred successfully from the client to the print service. |
| static int | [**JOB\_CANCELED**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_CANCELED)            The job was canceled by the [PrintService](http://docs.google.com/javax/print/PrintService.html). |
| static int | [**JOB\_COMPLETE**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_COMPLETE)            The document cis completely printed. |
| static int | [**JOB\_FAILED**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_FAILED)            The print service reports that the job cannot be completed. |
| static int | [**NO\_MORE\_EVENTS**](http://docs.google.com/javax/print/event/PrintJobEvent.html#NO_MORE_EVENTS)            Not all print services may be capable of delivering interesting events, or even telling when a job is complete. |
| static int | [**REQUIRES\_ATTENTION**](http://docs.google.com/javax/print/event/PrintJobEvent.html#REQUIRES_ATTENTION)            The print service indicates that a - possibly transient - problem may require external intervention before the print service can continue. |

| **Fields inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [source](http://docs.google.com/java/util/EventObject.html#source) |

| **Constructor Summary** | |
| --- | --- |
| [**PrintJobEvent**](http://docs.google.com/javax/print/event/PrintJobEvent.html#PrintJobEvent(javax.print.DocPrintJob,%20int))([DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) source, int reason)            Constructs a PrintJobEvent object. |

| **Method Summary** | |
| --- | --- |
| int | [**getPrintEventType**](http://docs.google.com/javax/print/event/PrintJobEvent.html#getPrintEventType())()            Gets the reason for this event. |
| [DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) | [**getPrintJob**](http://docs.google.com/javax/print/event/PrintJobEvent.html#getPrintJob())()            Determines the DocPrintJob to which this print job event pertains. |

| **Methods inherited from class javax.print.event.**[**PrintEvent**](http://docs.google.com/javax/print/event/PrintEvent.html) |
| --- |
| [toString](http://docs.google.com/javax/print/event/PrintEvent.html#toString()) |

| **Methods inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [getSource](http://docs.google.com/java/util/EventObject.html#getSource()) |

| **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()), [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()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [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\_CANCELED

public static final int **JOB\_CANCELED**

The job was canceled by the [PrintService](http://docs.google.com/javax/print/PrintService.html).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.JOB_CANCELED)

### JOB\_COMPLETE

public static final int **JOB\_COMPLETE**

The document cis completely printed.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.JOB_COMPLETE)

### JOB\_FAILED

public static final int **JOB\_FAILED**

The print service reports that the job cannot be completed. The application must resubmit the job.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.JOB_FAILED)

### REQUIRES\_ATTENTION

public static final int **REQUIRES\_ATTENTION**

The print service indicates that a - possibly transient - problem may require external intervention before the print service can continue. One example of an event that can generate this message is when the printer runs out of paper.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.REQUIRES_ATTENTION)

### NO\_MORE\_EVENTS

public static final int **NO\_MORE\_EVENTS**

Not all print services may be capable of delivering interesting events, or even telling when a job is complete. This message indicates the print job has no further information or communication with the print service. This message should always be delivered if a terminal event (completed/failed/canceled) is not delivered. For example, if messages such as JOB\_COMPLETE have NOT been received before receiving this message, the only inference that should be drawn is that the print service does not support delivering such an event.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.NO_MORE_EVENTS)

### DATA\_TRANSFER\_COMPLETE

public static final int **DATA\_TRANSFER\_COMPLETE**

The job is not necessarily printed yet, but the data has been transferred successfully from the client to the print service. The client may free data resources.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.print.event.PrintJobEvent.DATA_TRANSFER_COMPLETE)

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

### PrintJobEvent

public **PrintJobEvent**([DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) source,  
 int reason)

Constructs a PrintJobEvent object.

**Parameters:**source - a DocPrintJob objectreason - an int specifying the reason. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if source is null.

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

### getPrintEventType

public int **getPrintEventType**()

Gets the reason for this event.

**Returns:**reason int.

### getPrintJob

public [DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) **getPrintJob**()

Determines the DocPrintJob to which this print job event pertains.

**Returns:**the DocPrintJob object that represents the print job that reports the events encapsulated by this PrintJobEvent.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobEvent.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/event/PrintJobAttributeListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintJobListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintJobEvent.html)    [**NO FRAMES**](http://docs.google.com/PrintJobEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).