| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobListener.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/PrintJobEvent.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintServiceAttributeEvent.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintJobListener.html)    [**NO FRAMES**](http://docs.google.com/PrintJobListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **javax.print.event**

Interface PrintJobListener

**All Known Implementing Classes:** [PrintJobAdapter](http://docs.google.com/javax/print/event/PrintJobAdapter.html)

public interface **PrintJobListener**

Implementations of this listener interface should be attached to a [DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) to monitor the status of the printer job. These callback methods may be invoked on the thread processing the print job, or a service created notification thread. In either case the client should not perform lengthy processing in these callbacks.

| **Method Summary** | |
| --- | --- |
| void | [**printDataTransferCompleted**](http://docs.google.com/javax/print/event/PrintJobListener.html#printDataTransferCompleted(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that data has been successfully transferred to the print service, and the client may free local resources allocated for that data. |
| void | [**printJobCanceled**](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobCanceled(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that the job was canceled by a user or a program. |
| void | [**printJobCompleted**](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobCompleted(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that the job completed successfully. |
| void | [**printJobFailed**](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobFailed(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that the job failed to complete successfully and will have to be resubmitted. |
| void | [**printJobNoMoreEvents**](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobNoMoreEvents(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that no more events will be delivered. |
| void | [**printJobRequiresAttention**](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobRequiresAttention(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that an error has occurred that the user might be able to fix. |

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

### printDataTransferCompleted

void **printDataTransferCompleted**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that data has been successfully transferred to the print service, and the client may free local resources allocated for that data. The client should not assume that the data has been completely printed after receiving this event. If this event is not received the client should wait for a terminal event (completed/canceled/failed) before freeing the resources.

**Parameters:**pje - the job generating this event

### printJobCompleted

void **printJobCompleted**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that the job completed successfully.

**Parameters:**pje - the job generating this event

### printJobFailed

void **printJobFailed**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that the job failed to complete successfully and will have to be resubmitted.

**Parameters:**pje - the job generating this event

### printJobCanceled

void **printJobCanceled**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that the job was canceled by a user or a program.

**Parameters:**pje - the job generating this event

### printJobNoMoreEvents

void **printJobNoMoreEvents**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that no more events will be delivered. One cause of this event being generated is if the job has successfully completed, but the printing system is limited in capability and cannot verify this. This event is required to be delivered if none of the other terminal events (completed/failed/canceled) are delivered.

**Parameters:**pje - the job generating this event

### printJobRequiresAttention

void **printJobRequiresAttention**([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)

Called to notify the client that an error has occurred that the user might be able to fix. One example of an error that can generate this event is when the printer runs out of paper.

**Parameters:**pje - the job generating this event

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobListener.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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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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