| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobAdapter.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/PrintEvent.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintJobAttributeEvent.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintJobAdapter.html)    [**NO FRAMES**](http://docs.google.com/PrintJobAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.print.event**

Class PrintJobAdapter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.print.event.PrintJobAdapter**

**All Implemented Interfaces:** [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html)

public abstract class **PrintJobAdapter**extends [Object](http://docs.google.com/java/lang/Object.html)implements [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html)

An abstract adapter class for receiving print job events. The methods in this class are empty. This class exists as a convenience for creating listener objects. Extend this class to create a [PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) listener and override the methods for the events of interest. Unlike the [ComponentListener](http://docs.google.com/java/awt/event/ComponentListener.html) interface, this abstract interface provides null methods so that you only need to define the methods you need, rather than all of the methods.

| **Constructor Summary** | |
| --- | --- |
| [**PrintJobAdapter**](http://docs.google.com/javax/print/event/PrintJobAdapter.html#PrintJobAdapter())() |

| **Method Summary** | |
| --- | --- |
| void | [**printDataTransferCompleted**](http://docs.google.com/javax/print/event/PrintJobAdapter.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/PrintJobAdapter.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 user or program. |
| void | [**printJobCompleted**](http://docs.google.com/javax/print/event/PrintJobAdapter.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/PrintJobAdapter.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/PrintJobAdapter.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/PrintJobAdapter.html#printJobRequiresAttention(javax.print.event.PrintJobEvent))([PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) pje)            Called to notify the client that some possibly user rectifiable problem occurs (eg printer out of paper). |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### PrintJobAdapter

public **PrintJobAdapter**()

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

### printDataTransferCompleted

public 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.

**Specified by:**[printDataTransferCompleted](http://docs.google.com/javax/print/event/PrintJobListener.html#printDataTransferCompleted(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

### printJobCompleted

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

Called to notify the client that the job completed successfully.

**Specified by:**[printJobCompleted](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobCompleted(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

### printJobFailed

public 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.

**Specified by:**[printJobFailed](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobFailed(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

### printJobCanceled

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

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

**Specified by:**[printJobCanceled](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobCanceled(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

### printJobNoMoreEvents

public 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.

**Specified by:**[printJobNoMoreEvents](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobNoMoreEvents(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

### printJobRequiresAttention

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

Called to notify the client that some possibly user rectifiable problem occurs (eg printer out of paper).

**Specified by:**[printJobRequiresAttention](http://docs.google.com/javax/print/event/PrintJobListener.html#printJobRequiresAttention(javax.print.event.PrintJobEvent)) in interface [PrintJobListener](http://docs.google.com/javax/print/event/PrintJobListener.html) **Parameters:**pje - the event being notified

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintJobAdapter.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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| [**PREV CLASS**](http://docs.google.com/javax/print/event/PrintEvent.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintJobAttributeEvent.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintJobAdapter.html)    [**NO FRAMES**](http://docs.google.com/PrintJobAdapter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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