| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintServiceAttributeEvent.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/PrintJobListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintServiceAttributeListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintServiceAttributeEvent.html)    [**NO FRAMES**](http://docs.google.com/PrintServiceAttributeEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **javax.print.event**

Class PrintServiceAttributeEvent

[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.PrintServiceAttributeEvent**

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

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

Class PrintServiceAttributeEvent encapsulates an event a Print Service instance reports to let the client know of changes in the print service state.

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

| **Field Summary** | |
| --- | --- |

| **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** | |
| --- | --- |
| [**PrintServiceAttributeEvent**](http://docs.google.com/javax/print/event/PrintServiceAttributeEvent.html#PrintServiceAttributeEvent(javax.print.PrintService,%20javax.print.attribute.PrintServiceAttributeSet))([PrintService](http://docs.google.com/javax/print/PrintService.html) source, [PrintServiceAttributeSet](http://docs.google.com/javax/print/attribute/PrintServiceAttributeSet.html) attributes)            Constructs a PrintServiceAttributeEvent object. |

| **Method Summary** | |
| --- | --- |
| [PrintServiceAttributeSet](http://docs.google.com/javax/print/attribute/PrintServiceAttributeSet.html) | [**getAttributes**](http://docs.google.com/javax/print/event/PrintServiceAttributeEvent.html#getAttributes())()            Determine the printing service attributes that changed and their new values. |
| [PrintService](http://docs.google.com/javax/print/PrintService.html) | [**getPrintService**](http://docs.google.com/javax/print/event/PrintServiceAttributeEvent.html#getPrintService())()            Returns the print service. |

| **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)) |

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

### PrintServiceAttributeEvent

public **PrintServiceAttributeEvent**([PrintService](http://docs.google.com/javax/print/PrintService.html) source,  
 [PrintServiceAttributeSet](http://docs.google.com/javax/print/attribute/PrintServiceAttributeSet.html) attributes)

Constructs a PrintServiceAttributeEvent object.

**Parameters:**source - the print job generating this eventattributes - the attribute changes being reported **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if source is null.

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

### getPrintService

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

Returns the print service.

**Returns:**Print Service object.

### getAttributes

public [PrintServiceAttributeSet](http://docs.google.com/javax/print/attribute/PrintServiceAttributeSet.html) **getAttributes**()

Determine the printing service attributes that changed and their new values.

**Returns:**Attributes containing the new values for the service attributes that changed. The returned set may be unmodifiable.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PrintServiceAttributeEvent.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/PrintJobListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/print/event/PrintServiceAttributeListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/print/event/PrintServiceAttributeEvent.html)    [**NO FRAMES**](http://docs.google.com/PrintServiceAttributeEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

[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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