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## **AWT WindowEvent Class**

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The object of this class represents the change in state of a window. This low-level event is generated by a Window object when it is opened, closed, activated, deactivated, iconified, or deiconified, or when focus is transferred into or out of the Window.

### Class declaration

Following is the declaration for **java.awt.event.WindowEvent** class:

public class WindowEvent
 extends ComponentEvent

### Field

Following are the fields for **java.awt.event.WindowEvent** class:

static int WINDOW\_ACTIVATED -- The window-activated event type.

**static int WINDOW\_CLOSED** -- The window closed event.

static int WINDOW\_CLOSING -- The "window is closing" event.

**static int WINDOW\_DEACTIVATED** -- The window-deactivated event type.

**static int WINDOW\_DEICONIFIED** -- The window deiconified event type.

**static int WINDOW\_FIRST** -- The first number in the range of ids used for window events.

**static int WINDOW\_GAINED\_FOCUS** -- The window-gained-focus event type.

**static int WINDOW\_ICONIFIED** -- The window iconified event.

**static int WINDOW\_LAST** -- The last number in the range of ids used for window events.

**static int WINDOW\_LOST\_FOCUS** -- The window-lost-focus event type.

**static int WINDOW\_OPENED** -- The window opened event.

**static int WINDOW\_STATE\_CHANGED** -- The window-state-changed event type.

# Class constructors

S.N.	Constructor & Description
1	WindowEvent(Window source, int id)  Constructs a WindowEvent object.
2	WindowEvent(Window source, int id, int oldState, int newState)  Constructs a WindowEvent object with the specified previous and new window states.
3	WindowEvent(Window source, int id, Window opposite)  Constructs a WindowEvent object with the specified opposite Window.
4	WindowEvent(Window source, int id, Window opposite, int oldState, int newState)  Constructs a WindowEvent object.

# Class methods

S.N.	Method & Description
1	<pre>int getNewState() For WINDOW_STATE_CHANGED events returns the new state of the window.</pre>
2	<pre>int getOldState() For WINDOW_STATE_CHANGED events returns the previous state of the window.</pre>
3	Window getOppositeWindow()  Returns the other Window involved in this focus or activation change.
4	Window getWindow() Returns the originator of the event.
5	String paramString() Returns a parameter string identifying this event.

## Methods inherited

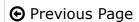
This class inherits methods from the following classes:

java.awt.event.ComponentEvent

java.awt.AWTEvent

java.util.EventObject

java.lang.Object



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