AWT WINDOWEVENT CLASS

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 transfered 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**_Windowsource, intid_ Constructs a WindowEvent object.
2	**WindowEvent**_Windowsource, intid, intoldState, intnewState_ Constructs a WindowEvent object with the specified previous and new window states.
3	**WindowEvent**_Windowsource, intid, Windowopposite_ Constructs a WindowEvent object with the specified opposite Window.

4

WindowEvent*Windowsource, intid, Windowopposite, intoldState, intnewState*

Constructs a WindowEvent object.

Class methods

S.N.	Method & Description
1	**int getNewState** For WINDOW_STATE_CHANGED events returns the new state of the window.
2	**int getOldState** For WINDOW_STATE_CHANGED events returns the previous state of the window.
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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