| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt/event//class-useWindowFocusListener.html)    [**NO FRAMES**](http://docs.google.com/WindowFocusListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.event.WindowFocusListener**

| Packages that use [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.event**](#2et92p0) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**javax.swing**](#tyjcwt) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#3dy6vkm) | Provides user interface objects built according to the Basic look and feel. |

| Uses of [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| class | [**AWTEventMulticaster**](http://docs.google.com/java/awt/AWTEventMulticaster.html)            AWTEventMulticaster implements efficient and thread-safe multi-cast event dispatching for the AWT events defined in the java.awt.event package. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| static [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.WindowFocusListener,%20java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) a, [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) b)            Adds window-focus-listener-a with window-focus-listener-b and returns the resulting multicast listener. |
| [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html)[] | **Window.**[**getWindowFocusListeners**](http://docs.google.com/java/awt/Window.html#getWindowFocusListeners())()            Returns an array of all the window focus listeners registered on this window. |
| static [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.WindowFocusListener,%20java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) l, [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) oldl)            Removes the old window-focus-listener from window-focus-listener-l and returns the resulting multicast listener. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| static [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.WindowFocusListener,%20java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) a, [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) b)            Adds window-focus-listener-a with window-focus-listener-b and returns the resulting multicast listener. |
| void | **Window.**[**addWindowFocusListener**](http://docs.google.com/java/awt/Window.html#addWindowFocusListener(java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) l)            Adds the specified window focus listener to receive window events from this window. |
| static [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.WindowFocusListener,%20java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) l, [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) oldl)            Removes the old window-focus-listener from window-focus-listener-l and returns the resulting multicast listener. |
| void | **Window.**[**removeWindowFocusListener**](http://docs.google.com/java/awt/Window.html#removeWindowFocusListener(java.awt.event.WindowFocusListener))([WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) l)            Removes the specified window focus listener so that it no longer receives window events from this window. |

| Uses of [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
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| Classes in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that implement [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| class | [**WindowAdapter**](http://docs.google.com/java/awt/event/WindowAdapter.html)            An abstract adapter class for receiving window events. |

| Uses of [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| protected  class | [**JMenu.WinListener**](http://docs.google.com/javax/swing/JMenu.WinListener.html)            A listener class that watches for a popup window closing. |

| Uses of [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [WindowFocusListener](http://docs.google.com/java/awt/event/WindowFocusListener.html) | |
| --- | --- |
| protected  class | [**BasicToolBarUI.FrameListener**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.FrameListener.html) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/WindowFocusListener.html) | **Use** | [**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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[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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