| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/FocusEvent.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-useFocusEvent.html)    [**NO FRAMES**](http://docs.google.com/FocusEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.event.FocusEvent**

| Packages that use [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.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. |
| [**javax.swing.text**](#1t3h5sf) | Provides classes and interfaces that deal with editable and noneditable text components. |

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

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) | |
| --- | --- |
| void | **Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.**[**focusGained**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) event) |
| void | **AWTEventMulticaster.**[**focusGained**](http://docs.google.com/java/awt/AWTEventMulticaster.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Handles the focusGained event by invoking the focusGained methods on listener-a and listener-b. |
| void | **Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.**[**focusLost**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) event) |
| void | **AWTEventMulticaster.**[**focusLost**](http://docs.google.com/java/awt/AWTEventMulticaster.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Handles the focusLost event by invoking the focusLost methods on listener-a and listener-b. |
| protected  void | **Component.**[**processFocusEvent**](http://docs.google.com/java/awt/Component.html#processFocusEvent(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Processes focus events occurring on this component by dispatching them to any registered FocusListener objects. |

| Uses of [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
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| Methods in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) with parameters of type [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) | |
| --- | --- |
| void | **FocusAdapter.**[**focusGained**](http://docs.google.com/java/awt/event/FocusAdapter.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when a component gains the keyboard focus. |
| void | **FocusListener.**[**focusGained**](http://docs.google.com/java/awt/event/FocusListener.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when a component gains the keyboard focus. |
| void | **FocusAdapter.**[**focusLost**](http://docs.google.com/java/awt/event/FocusAdapter.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when a component loses the keyboard focus. |
| void | **FocusListener.**[**focusLost**](http://docs.google.com/java/awt/event/FocusListener.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when a component loses the keyboard focus. |

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

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) | |
| --- | --- |
| void | **JComponent.AccessibleJComponent.AccessibleFocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) event) |
| void | **JComponent.AccessibleJComponent.AccessibleFocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) event) |
| protected  void | **JFormattedTextField.**[**processFocusEvent**](http://docs.google.com/javax/swing/JFormattedTextField.html#processFocusEvent(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Processes any focus events, such as FocusEvent.FOCUS\_GAINED or FocusEvent.FOCUS\_LOST. |
| protected  void | **JPopupMenu.**[**processFocusEvent**](http://docs.google.com/javax/swing/JPopupMenu.html#processFocusEvent(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) evt) |

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

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) | |
| --- | --- |
| void | **BasicToolBarUI.ToolBarFocusListener.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.ToolBarFocusListener.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTableUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTabbedPaneUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicSliderUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicListUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicButtonListener.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonListener.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTreeUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when focus is activated on the tree we're in, redraws the lead row. |
| void | **BasicComboBoxEditor.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxEditor.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicSplitPaneUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) ev) |
| void | **BasicComboBoxUI.FocusHandler.**[**focusGained**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.FocusHandler.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicToolBarUI.ToolBarFocusListener.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.ToolBarFocusListener.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTableUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTabbedPaneUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicSliderUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicListUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicButtonListener.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonListener.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicTreeUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Invoked when focus is activated on the tree we're in, redraws the lead row. |
| void | **BasicComboBoxEditor.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxEditor.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |
| void | **BasicSplitPaneUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) ev) |
| void | **BasicComboBoxUI.FocusHandler.**[**focusLost**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.FocusHandler.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e) |

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

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) | |
| --- | --- |
| void | **DefaultCaret.**[**focusGained**](http://docs.google.com/javax/swing/text/DefaultCaret.html#focusGained(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Called when the component containing the caret gains focus. |
| void | **DefaultCaret.**[**focusLost**](http://docs.google.com/javax/swing/text/DefaultCaret.html#focusLost(java.awt.event.FocusEvent))([FocusEvent](http://docs.google.com/java/awt/event/FocusEvent.html) e)            Called when the component containing the caret loses focus. |

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

[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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