| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AbstractCellEditor.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/swing/AbstractButton.ButtonChangeListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/AbstractListModel.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/AbstractCellEditor.html)    [**NO FRAMES**](http://docs.google.com/AbstractCellEditor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **javax.swing**

Class AbstractCellEditor

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.AbstractCellEditor**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Direct Known Subclasses:** [DefaultCellEditor](http://docs.google.com/javax/swing/DefaultCellEditor.html)

public abstract class **AbstractCellEditor**extends [Object](http://docs.google.com/java/lang/Object.html)implements [CellEditor](http://docs.google.com/javax/swing/CellEditor.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

**Since:** 1.3

| **Field Summary** | |
| --- | --- |
| protected  [ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) | [**changeEvent**](http://docs.google.com/javax/swing/AbstractCellEditor.html#changeEvent) |
| protected  [EventListenerList](http://docs.google.com/javax/swing/event/EventListenerList.html) | [**listenerList**](http://docs.google.com/javax/swing/AbstractCellEditor.html#listenerList) |

| **Constructor Summary** | |
| --- | --- |
| [**AbstractCellEditor**](http://docs.google.com/javax/swing/AbstractCellEditor.html#AbstractCellEditor())() |

| **Method Summary** | |
| --- | --- |
| void | [**addCellEditorListener**](http://docs.google.com/javax/swing/AbstractCellEditor.html#addCellEditorListener(javax.swing.event.CellEditorListener))([CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) l)            Adds a CellEditorListener to the listener list. |
| void | [**cancelCellEditing**](http://docs.google.com/javax/swing/AbstractCellEditor.html#cancelCellEditing())()            Calls fireEditingCanceled. |
| protected  void | [**fireEditingCanceled**](http://docs.google.com/javax/swing/AbstractCellEditor.html#fireEditingCanceled())()            Notifies all listeners that have registered interest for notification on this event type. |
| protected  void | [**fireEditingStopped**](http://docs.google.com/javax/swing/AbstractCellEditor.html#fireEditingStopped())()            Notifies all listeners that have registered interest for notification on this event type. |
| [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html)[] | [**getCellEditorListeners**](http://docs.google.com/javax/swing/AbstractCellEditor.html#getCellEditorListeners())()            Returns an array of all the CellEditorListeners added to this AbstractCellEditor with addCellEditorListener(). |
| boolean | [**isCellEditable**](http://docs.google.com/javax/swing/AbstractCellEditor.html#isCellEditable(java.util.EventObject))([EventObject](http://docs.google.com/java/util/EventObject.html) e)            Returns true. |
| void | [**removeCellEditorListener**](http://docs.google.com/javax/swing/AbstractCellEditor.html#removeCellEditorListener(javax.swing.event.CellEditorListener))([CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) l)            Removes a CellEditorListener from the listener list. |
| boolean | [**shouldSelectCell**](http://docs.google.com/javax/swing/AbstractCellEditor.html#shouldSelectCell(java.util.EventObject))([EventObject](http://docs.google.com/java/util/EventObject.html) anEvent)            Returns true. |
| boolean | [**stopCellEditing**](http://docs.google.com/javax/swing/AbstractCellEditor.html#stopCellEditing())()            Calls fireEditingStopped and returns true. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

| **Methods inherited from interface javax.swing.**[**CellEditor**](http://docs.google.com/javax/swing/CellEditor.html) |
| --- |
| [getCellEditorValue](http://docs.google.com/javax/swing/CellEditor.html#getCellEditorValue()) |

| **Field Detail** |
| --- |

### listenerList

protected [EventListenerList](http://docs.google.com/javax/swing/event/EventListenerList.html) **listenerList**

### changeEvent

protected transient [ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) **changeEvent**

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

### AbstractCellEditor

public **AbstractCellEditor**()

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

### isCellEditable

public boolean **isCellEditable**([EventObject](http://docs.google.com/java/util/EventObject.html) e)

Returns true.

**Specified by:**[isCellEditable](http://docs.google.com/javax/swing/CellEditor.html#isCellEditable(java.util.EventObject)) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Parameters:**e - an event object **Returns:**true**See Also:**[CellEditor.shouldSelectCell(java.util.EventObject)](http://docs.google.com/javax/swing/CellEditor.html#shouldSelectCell(java.util.EventObject))

### shouldSelectCell

public boolean **shouldSelectCell**([EventObject](http://docs.google.com/java/util/EventObject.html) anEvent)

Returns true.

**Specified by:**[shouldSelectCell](http://docs.google.com/javax/swing/CellEditor.html#shouldSelectCell(java.util.EventObject)) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Parameters:**anEvent - an event object **Returns:**true**See Also:**[CellEditor.isCellEditable(java.util.EventObject)](http://docs.google.com/javax/swing/CellEditor.html#isCellEditable(java.util.EventObject))

### stopCellEditing

public boolean **stopCellEditing**()

Calls fireEditingStopped and returns true.

**Specified by:**[stopCellEditing](http://docs.google.com/javax/swing/CellEditor.html#stopCellEditing()) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Returns:**true

### cancelCellEditing

public void **cancelCellEditing**()

Calls fireEditingCanceled.

**Specified by:**[cancelCellEditing](http://docs.google.com/javax/swing/CellEditor.html#cancelCellEditing()) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html)

### addCellEditorListener

public void **addCellEditorListener**([CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) l)

Adds a CellEditorListener to the listener list.

**Specified by:**[addCellEditorListener](http://docs.google.com/javax/swing/CellEditor.html#addCellEditorListener(javax.swing.event.CellEditorListener)) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Parameters:**l - the new listener to be added

### removeCellEditorListener

public void **removeCellEditorListener**([CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) l)

Removes a CellEditorListener from the listener list.

**Specified by:**[removeCellEditorListener](http://docs.google.com/javax/swing/CellEditor.html#removeCellEditorListener(javax.swing.event.CellEditorListener)) in interface [CellEditor](http://docs.google.com/javax/swing/CellEditor.html) **Parameters:**l - the listener to be removed

### getCellEditorListeners

public [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html)[] **getCellEditorListeners**()

Returns an array of all the CellEditorListeners added to this AbstractCellEditor with addCellEditorListener().

**Returns:**all of the CellEditorListeners added or an empty array if no listeners have been added**Since:** 1.4

### fireEditingStopped

protected void **fireEditingStopped**()

Notifies all listeners that have registered interest for notification on this event type. The event instance is created lazily.

**See Also:**[EventListenerList](http://docs.google.com/javax/swing/event/EventListenerList.html)

### fireEditingCanceled

protected void **fireEditingCanceled**()

Notifies all listeners that have registered interest for notification on this event type. The event instance is created lazily.

**See Also:**[EventListenerList](http://docs.google.com/javax/swing/event/EventListenerList.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AbstractCellEditor.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/swing/AbstractButton.ButtonChangeListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/AbstractListModel.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/AbstractCellEditor.html)    [**NO FRAMES**](http://docs.google.com/AbstractCellEditor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).