| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ComponentInputMap.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/ComboBoxModel.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/DebugGraphics.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/ComponentInputMap.html)    [**NO FRAMES**](http://docs.google.com/ComponentInputMap.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.swing**

Class ComponentInputMap

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

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

public class **ComponentInputMap**extends [InputMap](http://docs.google.com/javax/swing/InputMap.html)

A ComponentInputMap is an InputMap associated with a particular JComponent. The component is automatically notified whenever the ComponentInputMap changes. ComponentInputMaps are used for WHEN\_IN\_FOCUSED\_WINDOW bindings.

**Since:** 1.3

| **Constructor Summary** | |
| --- | --- |
| [**ComponentInputMap**](http://docs.google.com/javax/swing/ComponentInputMap.html#ComponentInputMap(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) component)            Creates a ComponentInputMap associated with the specified component. |

| **Method Summary** | |
| --- | --- |
| void | [**clear**](http://docs.google.com/javax/swing/ComponentInputMap.html#clear())()            Removes all the mappings from this object. |
| [JComponent](http://docs.google.com/javax/swing/JComponent.html) | [**getComponent**](http://docs.google.com/javax/swing/ComponentInputMap.html#getComponent())()            Returns the component the InputMap was created for. |
| void | [**put**](http://docs.google.com/javax/swing/ComponentInputMap.html#put(javax.swing.KeyStroke,%20java.lang.Object))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke, [Object](http://docs.google.com/java/lang/Object.html) actionMapKey)            Adds a binding for keyStroke to actionMapKey. |
| void | [**remove**](http://docs.google.com/javax/swing/ComponentInputMap.html#remove(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Removes the binding for key from this object. |
| void | [**setParent**](http://docs.google.com/javax/swing/ComponentInputMap.html#setParent(javax.swing.InputMap))([InputMap](http://docs.google.com/javax/swing/InputMap.html) map)            Sets the parent, which must be a ComponentInputMap associated with the same component as this ComponentInputMap. |

| **Methods inherited from class javax.swing.**[**InputMap**](http://docs.google.com/javax/swing/InputMap.html) |
| --- |
| [allKeys](http://docs.google.com/javax/swing/InputMap.html#allKeys()), [get](http://docs.google.com/javax/swing/InputMap.html#get(javax.swing.KeyStroke)), [getParent](http://docs.google.com/javax/swing/InputMap.html#getParent()), [keys](http://docs.google.com/javax/swing/InputMap.html#keys()), [size](http://docs.google.com/javax/swing/InputMap.html#size()) |

| **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)) |

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

### ComponentInputMap

public **ComponentInputMap**([JComponent](http://docs.google.com/javax/swing/JComponent.html) component)

Creates a ComponentInputMap associated with the specified component.

**Parameters:**component - a non-null JComponent **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if component is null

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

### setParent

public void **setParent**([InputMap](http://docs.google.com/javax/swing/InputMap.html) map)

Sets the parent, which must be a ComponentInputMap associated with the same component as this ComponentInputMap.

**Overrides:**[setParent](http://docs.google.com/javax/swing/InputMap.html#setParent(javax.swing.InputMap)) in class [InputMap](http://docs.google.com/javax/swing/InputMap.html) **Parameters:**map - a ComponentInputMap **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if map is not a ComponentInputMap or is not associated with the same component

### getComponent

public [JComponent](http://docs.google.com/javax/swing/JComponent.html) **getComponent**()

Returns the component the InputMap was created for.

### put

public void **put**([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke,  
 [Object](http://docs.google.com/java/lang/Object.html) actionMapKey)

Adds a binding for keyStroke to actionMapKey. If actionMapKey is null, this removes the current binding for keyStroke.

**Overrides:**[put](http://docs.google.com/javax/swing/InputMap.html#put(javax.swing.KeyStroke,%20java.lang.Object)) in class [InputMap](http://docs.google.com/javax/swing/InputMap.html)

### remove

public void **remove**([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)

Removes the binding for key from this object.

**Overrides:**[remove](http://docs.google.com/javax/swing/InputMap.html#remove(javax.swing.KeyStroke)) in class [InputMap](http://docs.google.com/javax/swing/InputMap.html)

### clear

public void **clear**()

Removes all the mappings from this object.

**Overrides:**[clear](http://docs.google.com/javax/swing/InputMap.html#clear()) in class [InputMap](http://docs.google.com/javax/swing/InputMap.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/ComponentInputMap.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*** |
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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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