| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FocusManager.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/DropMode.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/GrayFilter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/FocusManager.html)    [**NO FRAMES**](http://docs.google.com/FocusManager.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.swing**

Class FocusManager

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html)  
 [java.awt.DefaultKeyboardFocusManager](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html)  
 **javax.swing.FocusManager**

**All Implemented Interfaces:** [KeyEventDispatcher](http://docs.google.com/java/awt/KeyEventDispatcher.html), [KeyEventPostProcessor](http://docs.google.com/java/awt/KeyEventPostProcessor.html) **Direct Known Subclasses:** [DefaultFocusManager](http://docs.google.com/javax/swing/DefaultFocusManager.html)

public abstract class **FocusManager**extends [DefaultKeyboardFocusManager](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html)

This class has been obsoleted by the 1.4 focus APIs. While client code may still use this class, developers are strongly encouraged to use java.awt.KeyboardFocusManager and java.awt.DefaultKeyboardFocusManager instead.

Please see  [How to Use the Focus Subsystem](http://java.sun.com/docs/books/tutorial/uiswing/misc/focus.html), a section in *The Java Tutorial*, and the [Focus Specification](http://docs.google.com/java/awt/doc-files/FocusSpec.html) for more information.

**See Also:**[Focus Specification](http://docs.google.com/java/awt/doc-files/FocusSpec.html)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**FOCUS\_MANAGER\_CLASS\_PROPERTY**](http://docs.google.com/javax/swing/FocusManager.html#FOCUS_MANAGER_CLASS_PROPERTY)            This field is obsolete, and its use is discouraged since its specification is incompatible with the 1.4 focus APIs. |

| **Fields inherited from class java.awt.**[**KeyboardFocusManager**](http://docs.google.com/java/awt/KeyboardFocusManager.html) |
| --- |
| [BACKWARD\_TRAVERSAL\_KEYS](http://docs.google.com/java/awt/KeyboardFocusManager.html#BACKWARD_TRAVERSAL_KEYS), [DOWN\_CYCLE\_TRAVERSAL\_KEYS](http://docs.google.com/java/awt/KeyboardFocusManager.html#DOWN_CYCLE_TRAVERSAL_KEYS), [FORWARD\_TRAVERSAL\_KEYS](http://docs.google.com/java/awt/KeyboardFocusManager.html#FORWARD_TRAVERSAL_KEYS), [UP\_CYCLE\_TRAVERSAL\_KEYS](http://docs.google.com/java/awt/KeyboardFocusManager.html#UP_CYCLE_TRAVERSAL_KEYS) |

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

| **Method Summary** | |
| --- | --- |
| static void | [**disableSwingFocusManager**](http://docs.google.com/javax/swing/FocusManager.html#disableSwingFocusManager())()  **Deprecated.** *as of 1.4, replaced by KeyboardFocusManager.setDefaultFocusTraversalPolicy(FocusTraversalPolicy)* |
| static [FocusManager](http://docs.google.com/javax/swing/FocusManager.html) | [**getCurrentManager**](http://docs.google.com/javax/swing/FocusManager.html#getCurrentManager())()            Returns the current KeyboardFocusManager instance for the calling thread's context. |
| static boolean | [**isFocusManagerEnabled**](http://docs.google.com/javax/swing/FocusManager.html#isFocusManagerEnabled())()  **Deprecated.** *As of 1.4, replaced by KeyboardFocusManager.getDefaultFocusTraversalPolicy()* |
| static void | [**setCurrentManager**](http://docs.google.com/javax/swing/FocusManager.html#setCurrentManager(javax.swing.FocusManager))([FocusManager](http://docs.google.com/javax/swing/FocusManager.html) aFocusManager)            Sets the current KeyboardFocusManager instance for the calling thread's context. |

| **Methods inherited from class java.awt.**[**DefaultKeyboardFocusManager**](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html) |
| --- |
| [dequeueKeyEvents](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#dequeueKeyEvents(long,%20java.awt.Component)), [discardKeyEvents](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#discardKeyEvents(java.awt.Component)), [dispatchEvent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#dispatchEvent(java.awt.AWTEvent)), [dispatchKeyEvent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#dispatchKeyEvent(java.awt.event.KeyEvent)), [downFocusCycle](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#downFocusCycle(java.awt.Container)), [enqueueKeyEvents](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#enqueueKeyEvents(long,%20java.awt.Component)), [focusNextComponent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#focusNextComponent(java.awt.Component)), [focusPreviousComponent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#focusPreviousComponent(java.awt.Component)), [postProcessKeyEvent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#postProcessKeyEvent(java.awt.event.KeyEvent)), [processKeyEvent](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#processKeyEvent(java.awt.Component,%20java.awt.event.KeyEvent)), [upFocusCycle](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html#upFocusCycle(java.awt.Component)) |

| **Methods inherited from class java.awt.**[**KeyboardFocusManager**](http://docs.google.com/java/awt/KeyboardFocusManager.html) |
| --- |
| [addKeyEventDispatcher](http://docs.google.com/java/awt/KeyboardFocusManager.html#addKeyEventDispatcher(java.awt.KeyEventDispatcher)), [addKeyEventPostProcessor](http://docs.google.com/java/awt/KeyboardFocusManager.html#addKeyEventPostProcessor(java.awt.KeyEventPostProcessor)), [addPropertyChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [addPropertyChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#addPropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [addVetoableChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#addVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)), [addVetoableChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#addVetoableChangeListener(java.beans.VetoableChangeListener)), [clearGlobalFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#clearGlobalFocusOwner()), [downFocusCycle](http://docs.google.com/java/awt/KeyboardFocusManager.html#downFocusCycle()), [firePropertyChange](http://docs.google.com/java/awt/KeyboardFocusManager.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [fireVetoableChange](http://docs.google.com/java/awt/KeyboardFocusManager.html#fireVetoableChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [focusNextComponent](http://docs.google.com/java/awt/KeyboardFocusManager.html#focusNextComponent()), [focusPreviousComponent](http://docs.google.com/java/awt/KeyboardFocusManager.html#focusPreviousComponent()), [getActiveWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#getActiveWindow()), [getCurrentFocusCycleRoot](http://docs.google.com/java/awt/KeyboardFocusManager.html#getCurrentFocusCycleRoot()), [getCurrentKeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html#getCurrentKeyboardFocusManager()), [getDefaultFocusTraversalKeys](http://docs.google.com/java/awt/KeyboardFocusManager.html#getDefaultFocusTraversalKeys(int)), [getDefaultFocusTraversalPolicy](http://docs.google.com/java/awt/KeyboardFocusManager.html#getDefaultFocusTraversalPolicy()), [getFocusedWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#getFocusedWindow()), [getFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#getFocusOwner()), [getGlobalActiveWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#getGlobalActiveWindow()), [getGlobalCurrentFocusCycleRoot](http://docs.google.com/java/awt/KeyboardFocusManager.html#getGlobalCurrentFocusCycleRoot()), [getGlobalFocusedWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#getGlobalFocusedWindow()), [getGlobalFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#getGlobalFocusOwner()), [getGlobalPermanentFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#getGlobalPermanentFocusOwner()), [getKeyEventDispatchers](http://docs.google.com/java/awt/KeyboardFocusManager.html#getKeyEventDispatchers()), [getKeyEventPostProcessors](http://docs.google.com/java/awt/KeyboardFocusManager.html#getKeyEventPostProcessors()), [getPermanentFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#getPermanentFocusOwner()), [getPropertyChangeListeners](http://docs.google.com/java/awt/KeyboardFocusManager.html#getPropertyChangeListeners()), [getPropertyChangeListeners](http://docs.google.com/java/awt/KeyboardFocusManager.html#getPropertyChangeListeners(java.lang.String)), [getVetoableChangeListeners](http://docs.google.com/java/awt/KeyboardFocusManager.html#getVetoableChangeListeners()), [getVetoableChangeListeners](http://docs.google.com/java/awt/KeyboardFocusManager.html#getVetoableChangeListeners(java.lang.String)), [redispatchEvent](http://docs.google.com/java/awt/KeyboardFocusManager.html#redispatchEvent(java.awt.Component,%20java.awt.AWTEvent)), [removeKeyEventDispatcher](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeKeyEventDispatcher(java.awt.KeyEventDispatcher)), [removeKeyEventPostProcessor](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeKeyEventPostProcessor(java.awt.KeyEventPostProcessor)), [removePropertyChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [removePropertyChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [removeVetoableChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)), [removeVetoableChangeListener](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeVetoableChangeListener(java.beans.VetoableChangeListener)), [setCurrentKeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html#setCurrentKeyboardFocusManager(java.awt.KeyboardFocusManager)), [setDefaultFocusTraversalKeys](http://docs.google.com/java/awt/KeyboardFocusManager.html#setDefaultFocusTraversalKeys(int,%20java.util.Set)), [setDefaultFocusTraversalPolicy](http://docs.google.com/java/awt/KeyboardFocusManager.html#setDefaultFocusTraversalPolicy(java.awt.FocusTraversalPolicy)), [setGlobalActiveWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#setGlobalActiveWindow(java.awt.Window)), [setGlobalCurrentFocusCycleRoot](http://docs.google.com/java/awt/KeyboardFocusManager.html#setGlobalCurrentFocusCycleRoot(java.awt.Container)), [setGlobalFocusedWindow](http://docs.google.com/java/awt/KeyboardFocusManager.html#setGlobalFocusedWindow(java.awt.Window)), [setGlobalFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#setGlobalFocusOwner(java.awt.Component)), [setGlobalPermanentFocusOwner](http://docs.google.com/java/awt/KeyboardFocusManager.html#setGlobalPermanentFocusOwner(java.awt.Component)), [upFocusCycle](http://docs.google.com/java/awt/KeyboardFocusManager.html#upFocusCycle()) |

| **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)) |

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

### FOCUS\_MANAGER\_CLASS\_PROPERTY

public static final [String](http://docs.google.com/java/lang/String.html) **FOCUS\_MANAGER\_CLASS\_PROPERTY**

This field is obsolete, and its use is discouraged since its specification is incompatible with the 1.4 focus APIs. The current FocusManager is no longer a property of the UI. Client code must query for the current FocusManager using KeyboardFocusManager.getCurrentKeyboardFocusManager(). See the Focus Specification for more information.

**See Also:**[KeyboardFocusManager.getCurrentKeyboardFocusManager()](http://docs.google.com/java/awt/KeyboardFocusManager.html#getCurrentKeyboardFocusManager()), [Focus Specification](http://docs.google.com/java/awt/doc-files/FocusSpec.html), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.FocusManager.FOCUS_MANAGER_CLASS_PROPERTY)

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

### FocusManager

public **FocusManager**()

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

### getCurrentManager

public static [FocusManager](http://docs.google.com/javax/swing/FocusManager.html) **getCurrentManager**()

Returns the current KeyboardFocusManager instance for the calling thread's context.

**Returns:**this thread's context's KeyboardFocusManager**See Also:**[setCurrentManager(javax.swing.FocusManager)](http://docs.google.com/javax/swing/FocusManager.html#setCurrentManager(javax.swing.FocusManager))

### setCurrentManager

public static void **setCurrentManager**([FocusManager](http://docs.google.com/javax/swing/FocusManager.html) aFocusManager)  
 throws [SecurityException](http://docs.google.com/java/lang/SecurityException.html)

Sets the current KeyboardFocusManager instance for the calling thread's context. If null is specified, then the current KeyboardFocusManager is replaced with a new instance of DefaultKeyboardFocusManager.

If a SecurityManager is installed, the calling thread must be granted the AWTPermission "replaceKeyboardFocusManager" in order to replace the the current KeyboardFocusManager. If this permission is not granted, this method will throw a SecurityException, and the current KeyboardFocusManager will be unchanged.

**Parameters:**aFocusManager - the new KeyboardFocusManager for this thread's context **Throws:** [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if the calling thread does not have permission to replace the current KeyboardFocusManager**See Also:**[getCurrentManager()](http://docs.google.com/javax/swing/FocusManager.html#getCurrentManager()), [DefaultKeyboardFocusManager](http://docs.google.com/java/awt/DefaultKeyboardFocusManager.html)

### disableSwingFocusManager

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public static void **disableSwingFocusManager**()

**Deprecated.** *as of 1.4, replaced by KeyboardFocusManager.setDefaultFocusTraversalPolicy(FocusTraversalPolicy)*

Changes the current KeyboardFocusManager's default FocusTraversalPolicy to DefaultFocusTraversalPolicy.

**See Also:**[DefaultFocusTraversalPolicy](http://docs.google.com/java/awt/DefaultFocusTraversalPolicy.html), [KeyboardFocusManager.setDefaultFocusTraversalPolicy(java.awt.FocusTraversalPolicy)](http://docs.google.com/java/awt/KeyboardFocusManager.html#setDefaultFocusTraversalPolicy(java.awt.FocusTraversalPolicy))

### isFocusManagerEnabled

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public static boolean **isFocusManagerEnabled**()

**Deprecated.** *As of 1.4, replaced by KeyboardFocusManager.getDefaultFocusTraversalPolicy()*

Returns whether the application has invoked disableSwingFocusManager().

**See Also:**[disableSwingFocusManager()](http://docs.google.com/javax/swing/FocusManager.html#disableSwingFocusManager())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FocusManager.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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