| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalCheckBoxIcon.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/plaf/metal/MetalButtonUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalCheckBoxIcon.html)    [**NO FRAMES**](http://docs.google.com/MetalCheckBoxIcon.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.swing.plaf.metal**

Class MetalCheckBoxIcon

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Icon](http://docs.google.com/javax/swing/Icon.html), [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html)

public class **MetalCheckBoxIcon**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Icon](http://docs.google.com/javax/swing/Icon.html), [UIResource](http://docs.google.com/javax/swing/plaf/UIResource.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

CheckboxIcon implementation for OrganicCheckBoxUI

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

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

| **Method Summary** | |
| --- | --- |
| protected  void | [**drawCheck**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html#drawCheck(java.awt.Component,%20java.awt.Graphics,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) c, [Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y) |
| protected  int | [**getControlSize**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html#getControlSize())() |
| int | [**getIconHeight**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html#getIconHeight())()            Returns the icon's height. |
| int | [**getIconWidth**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html#getIconWidth())()            Returns the icon's width. |
| void | [**paintIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html#paintIcon(java.awt.Component,%20java.awt.Graphics,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) c, [Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y)            Draw the icon at the specified location. |

| **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** |
| --- |

### MetalCheckBoxIcon

public **MetalCheckBoxIcon**()

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

### getControlSize

protected int **getControlSize**()

### paintIcon

public void **paintIcon**([Component](http://docs.google.com/java/awt/Component.html) c,  
 [Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y)

**Description copied from interface:** [**Icon**](http://docs.google.com/javax/swing/Icon.html#paintIcon(java.awt.Component,%20java.awt.Graphics,%20int,%20int)) Draw the icon at the specified location. Icon implementations may use the Component argument to get properties useful for painting, e.g. the foreground or background color.

**Specified by:**[paintIcon](http://docs.google.com/javax/swing/Icon.html#paintIcon(java.awt.Component,%20java.awt.Graphics,%20int,%20int)) in interface [Icon](http://docs.google.com/javax/swing/Icon.html)

### drawCheck

protected void **drawCheck**([Component](http://docs.google.com/java/awt/Component.html) c,  
 [Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 int x,  
 int y)

### getIconWidth

public int **getIconWidth**()

**Description copied from interface:** [**Icon**](http://docs.google.com/javax/swing/Icon.html#getIconWidth()) Returns the icon's width.

**Specified by:**[getIconWidth](http://docs.google.com/javax/swing/Icon.html#getIconWidth()) in interface [Icon](http://docs.google.com/javax/swing/Icon.html) **Returns:**an int specifying the fixed width of the icon.

### getIconHeight

public int **getIconHeight**()

**Description copied from interface:** [**Icon**](http://docs.google.com/javax/swing/Icon.html#getIconHeight()) Returns the icon's height.

**Specified by:**[getIconHeight](http://docs.google.com/javax/swing/Icon.html#getIconHeight()) in interface [Icon](http://docs.google.com/javax/swing/Icon.html) **Returns:**an int specifying the fixed height of the icon.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalCheckBoxIcon.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/plaf/metal/MetalButtonUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalCheckBoxIcon.html)    [**NO FRAMES**](http://docs.google.com/MetalCheckBoxIcon.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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).