| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/IconUIResource.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/FontUIResource.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/InputMapUIResource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/IconUIResource.html)    [**NO FRAMES**](http://docs.google.com/IconUIResource.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**

Class IconUIResource

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

**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 **IconUIResource**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)

An Icon wrapper class which implements UIResource. UI classes which set icon properties should use this class to wrap any icons specified as defaults. This class delegates all method invocations to the Icon "delegate" object specified at construction.

**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).

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

| **Constructor Summary** | |
| --- | --- |
| [**IconUIResource**](http://docs.google.com/javax/swing/plaf/IconUIResource.html#IconUIResource(javax.swing.Icon))([Icon](http://docs.google.com/javax/swing/Icon.html) delegate)            Creates a UIResource icon object which wraps an existing Icon instance. |

| **Method Summary** | |
| --- | --- |
| int | [**getIconHeight**](http://docs.google.com/javax/swing/plaf/IconUIResource.html#getIconHeight())()            Returns the icon's height. |
| int | [**getIconWidth**](http://docs.google.com/javax/swing/plaf/IconUIResource.html#getIconWidth())()            Returns the icon's width. |
| void | [**paintIcon**](http://docs.google.com/javax/swing/plaf/IconUIResource.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** |
| --- |

### IconUIResource

public **IconUIResource**([Icon](http://docs.google.com/javax/swing/Icon.html) delegate)

Creates a UIResource icon object which wraps an existing Icon instance.

**Parameters:**delegate - the icon being wrapped

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

### 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)

### 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/IconUIResource.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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| 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.

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