| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/UIResource.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/TreeUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/ViewportUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/UIResource.html)    [**NO FRAMES**](http://docs.google.com/UIResource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

## **javax.swing.plaf**

Interface UIResource

**All Known Implementing Classes:** [ActionMapUIResource](http://docs.google.com/javax/swing/plaf/ActionMapUIResource.html), [BasicBorders.ButtonBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.ButtonBorder.html), [BasicBorders.FieldBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.FieldBorder.html), [BasicBorders.MarginBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.MarginBorder.html), [BasicBorders.MenuBarBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.MenuBarBorder.html), [BasicBorders.RadioButtonBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.RadioButtonBorder.html), [BasicBorders.RolloverButtonBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.RolloverButtonBorder.html), [BasicBorders.SplitPaneBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.SplitPaneBorder.html), [BasicBorders.ToggleButtonBorder](http://docs.google.com/javax/swing/plaf/basic/BasicBorders.ToggleButtonBorder.html), [BasicComboBoxEditor.UIResource](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxEditor.UIResource.html), [BasicComboBoxRenderer.UIResource](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxRenderer.UIResource.html), [BasicTextUI.BasicCaret](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicCaret.html), [BasicTextUI.BasicHighlighter](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicHighlighter.html), [BorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.html), [BorderUIResource.BevelBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.BevelBorderUIResource.html), [BorderUIResource.CompoundBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.CompoundBorderUIResource.html), [BorderUIResource.EmptyBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.EmptyBorderUIResource.html), [BorderUIResource.EtchedBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.EtchedBorderUIResource.html), [BorderUIResource.LineBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.LineBorderUIResource.html), [BorderUIResource.MatteBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.MatteBorderUIResource.html), [BorderUIResource.TitledBorderUIResource](http://docs.google.com/javax/swing/plaf/BorderUIResource.TitledBorderUIResource.html), [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html), [ComponentInputMapUIResource](http://docs.google.com/javax/swing/plaf/ComponentInputMapUIResource.html), [DefaultListCellRenderer.UIResource](http://docs.google.com/javax/swing/DefaultListCellRenderer.UIResource.html), [DefaultMenuLayout](http://docs.google.com/javax/swing/plaf/basic/DefaultMenuLayout.html), [DefaultTableCellRenderer.UIResource](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.UIResource.html), [DimensionUIResource](http://docs.google.com/javax/swing/plaf/DimensionUIResource.html), [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html), [IconUIResource](http://docs.google.com/javax/swing/plaf/IconUIResource.html), [InputMapUIResource](http://docs.google.com/javax/swing/plaf/InputMapUIResource.html), [InsetsUIResource](http://docs.google.com/javax/swing/plaf/InsetsUIResource.html), [JScrollPane.ScrollBar](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html), [MetalBorders.ButtonBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ButtonBorder.html), [MetalBorders.Flush3DBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.Flush3DBorder.html), [MetalBorders.InternalFrameBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.InternalFrameBorder.html), [MetalBorders.MenuBarBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.MenuBarBorder.html), [MetalBorders.MenuItemBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.MenuItemBorder.html), [MetalBorders.OptionDialogBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.OptionDialogBorder.html), [MetalBorders.PaletteBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.PaletteBorder.html), [MetalBorders.PopupMenuBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.PopupMenuBorder.html), [MetalBorders.RolloverButtonBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.RolloverButtonBorder.html), [MetalBorders.ScrollPaneBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ScrollPaneBorder.html), [MetalBorders.TextFieldBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.TextFieldBorder.html), [MetalBorders.ToggleButtonBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToggleButtonBorder.html), [MetalBorders.ToolBarBorder](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToolBarBorder.html), [MetalCheckBoxIcon](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html), [MetalComboBoxEditor.UIResource](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxEditor.UIResource.html), [MetalIconFactory.PaletteCloseIcon](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.PaletteCloseIcon.html), [ScrollPaneLayout.UIResource](http://docs.google.com/javax/swing/ScrollPaneLayout.UIResource.html)

public interface **UIResource**

This interface is used to mark objects created by ComponentUI delegates. The ComponentUI.installUI() and ComponentUI.uninstallUI() methods can use this interface to decide if a properties value has been overridden. For example, the JList cellRenderer property is initialized by BasicListUI.installUI(), only if it's initial value is null:

if (list.getCellRenderer() == null) {  
 list.setCellRenderer((ListCellRenderer)(UIManager.get("List.cellRenderer")));  
 }

At uninstallUI() time we reset the property to null if its value is an instance of UIResource:

if (list.getCellRenderer() instanceof UIResource) {  
 list.setCellRenderer(null);  
 }

This pattern applies to all properties except the java.awt.Component properties font, foreground, and background. If one of these properties isn't initialized, or is explicitly set to null, its container provides the value. For this reason the "== null" is unreliable when installUI() is called to dynamically change a components look and feel. So at installUI() time we check to see if the current value is a UIResource:

if (!(list.getFont() instanceof UIResource)) {  
 list.setFont(UIManager.getFont("List.font"));  
 }

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