| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Popup.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/OverlayLayout.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/PopupFactory.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/Popup.html)    [**NO FRAMES**](http://docs.google.com/Popup.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

## **javax.swing**

Class Popup

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

public class **Popup**extends [Object](http://docs.google.com/java/lang/Object.html)

Popups are used to display a Component to the user, typically on top of all the other Components in a particular containment hierarchy. Popups have a very small life cycle. Once you have obtained a Popup, and hidden it (invoked the hide method), you should no longer invoke any methods on it. This allows the PopupFactory to cache Popups for later use.

The general contract is that if you need to change the size of the Component, or location of the Popup, you should obtain a new Popup.

Popup does not descend from Component, rather implementations of Popup are responsible for creating and maintaining their own Components to render the requested Component to the user.

You typically do not explicitly create an instance of Popup, instead obtain one from a PopupFactory.

**Since:** 1.4 **See Also:**[PopupFactory](http://docs.google.com/javax/swing/PopupFactory.html)

| **Constructor Summary** | |
| --- | --- |
| protected | [**Popup**](http://docs.google.com/javax/swing/Popup.html#Popup())()            Creates a Popup. |
| protected | [**Popup**](http://docs.google.com/javax/swing/Popup.html#Popup(java.awt.Component,%20java.awt.Component,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) owner, [Component](http://docs.google.com/java/awt/Component.html) contents, int x, int y)            Creates a Popup for the Component owner containing the Component contents. |

| **Method Summary** | |
| --- | --- |
| void | [**hide**](http://docs.google.com/javax/swing/Popup.html#hide())()            Hides and disposes of the Popup. |
| void | [**show**](http://docs.google.com/javax/swing/Popup.html#show())()            Makes the Popup visible. |

| **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** |
| --- |

### Popup

protected **Popup**([Component](http://docs.google.com/java/awt/Component.html) owner,  
 [Component](http://docs.google.com/java/awt/Component.html) contents,  
 int x,  
 int y)

Creates a Popup for the Component owner containing the Component contents. owner is used to determine which Window the new Popup will parent the Component the Popup creates to. A null owner implies there is no valid parent. x and y specify the preferred initial location to place the Popup at. Based on screen size, or other paramaters, the Popup may not display at x and y.

**Parameters:**owner - Component mouse coordinates are relative to, may be nullcontents - Contents of the Popupx - Initial x screen coordinatey - Initial y screen coordinate **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if contents is null

### Popup

protected **Popup**()

Creates a Popup. This is provided for subclasses.

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

### show

public void **show**()

Makes the Popup visible. If the Popup is currently visible, this has no effect.

### hide

public void **hide**()

Hides and disposes of the Popup. Once a Popup has been disposed you should no longer invoke methods on it. A disposed Popup may be reclaimed and later used based on the PopupFactory. As such, if you invoke methods on a disposed Popup, indeterminate behavior will result.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Popup.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](#2s8eyo1) |

[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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