| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/BreezySwing/GBFrame.html)   [**NEXT CLASS**](http://docs.google.com/BreezySwing/IntegerField.html) | [**FRAMES**](http://docs.google.com/index.html)    [**NO FRAMES**](http://docs.google.com/GBPanel.html) |
| SUMMARY:  [INNER](#1fob9te) | [FIELD](#3dy6vkm) | [CONSTR](#2s8eyo1) | [METHOD](#17dp8vu) | DETAIL:  FIELD | [CONSTR](#44sinio) | [METHOD](#z337ya) |

## **BreezySwing**

Class GBPanel

java.lang.Object  
 |  
 +--java.awt.Component  
 |  
 +--java.awt.Container  
 |  
 +--javax.swing.JComponent  
 |  
 +--javax.swing.JPanel  
 |  
 +--**BreezySwing.GBPanel**

**All Implemented Interfaces:** javax.accessibility.Accessible, java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializablepublic class **GBPanel**extends javax.swing.JPanel

The class GBFrame (short for Grid Bag Panel) provides a high-level panel. The panel comes with built-in mouse event handling for motion, clicks, presses, releases, and dragging.

**See Also:** [Serialized Form](http://docs.google.com/serialized-form.html#BreezySwing.GBPanel)

| **Inner classes inherited from class javax.swing.JPanel** |
| --- |
| javax.swing.JPanel.AccessibleJPanel |

| **Inner classes inherited from class javax.swing.JComponent** |
| --- |
| javax.swing.JComponent.AccessibleJComponent |

| **Inner classes inherited from class java.awt.Container** |
| --- |
| java.awt.Container.AccessibleAWTContainer |

| **Inner classes inherited from class java.awt.Component** |
| --- |
| java.awt.Component.AccessibleAWTComponent |

| **Fields inherited from class javax.swing.JComponent** |
| --- |
| accessibleContext, listenerList, TOOL\_TIP\_TEXT\_KEY, ui, UNDEFINED\_CONDITION, WHEN\_ANCESTOR\_OF\_FOCUSED\_COMPONENT, WHEN\_FOCUSED, WHEN\_IN\_FOCUSED\_WINDOW |

| **Fields inherited from class java.awt.Component** |
| --- |
| BOTTOM\_ALIGNMENT, CENTER\_ALIGNMENT, LEFT\_ALIGNMENT, RIGHT\_ALIGNMENT, TOP\_ALIGNMENT |

| **Fields inherited from interface java.awt.image.ImageObserver** |
| --- |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| **Constructor Summary** | |
| --- | --- |
| [**GBPanel**](http://docs.google.com/BreezySwing/GBPanel.html#GBPanel())()            Creates a panel. |

| **Method Summary** | |
| --- | --- |
| void | [**mouseClicked**](http://docs.google.com/BreezySwing/GBPanel.html#mouseClicked(int,%20int))(int x, int y)            The GBPanel subclass must implement this method in order to handle mouse clicks in the window. |
| void | [**mouseDragged**](http://docs.google.com/BreezySwing/GBPanel.html#mouseDragged(int,%20int))(int x, int y)            The GBPanel subclass implement this method in order to handle mouse dragged events in the window. |
| void | [**mouseEntered**](http://docs.google.com/BreezySwing/GBPanel.html#mouseEntered(int,%20int))(int x, int y)            The GBPanel subclass implement this method in order to handle mouse entered events in the window. |
| void | [**mouseExited**](http://docs.google.com/BreezySwing/GBPanel.html#mouseExited(int,%20int))(int x, int y)            The GBPanel subclass implement this method in order to handle mouse exited events in the window. |
| void | [**mouseMoved**](http://docs.google.com/BreezySwing/GBPanel.html#mouseMoved(int,%20int))(int x, int y)            The GBPanel subclass implement this method in order to handle mouse moved events in the window. |
| void | [**mousePressed**](http://docs.google.com/BreezySwing/GBPanel.html#mousePressed(int,%20int))(int x, int y)            The GBPanel subclass must implement this method in order to handle mouse pressed events in the window. |
| void | [**mouseReleased**](http://docs.google.com/BreezySwing/GBPanel.html#mouseReleased(int,%20int))(int x, int y)            The GBPanel subclass implement this method in order to handle mouse released events in the window. |

| **Methods inherited from class javax.swing.JPanel** |
| --- |
| getAccessibleContext, getUIClassID, paramString, updateUI |

| **Methods inherited from class javax.swing.JComponent** |
| --- |
| addAncestorListener, addNotify, addPropertyChangeListener, addPropertyChangeListener, addVetoableChangeListener, computeVisibleRect, contains, createToolTip, disable, enable, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, fireVetoableChange, getActionForKeyStroke, getActionMap, getAlignmentX, getAlignmentY, getAutoscrolls, getBorder, getBounds, getClientProperty, getComponentGraphics, getConditionForKeyStroke, getDebugGraphicsOptions, getGraphics, getHeight, getInputMap, getInputMap, getInputVerifier, getInsets, getInsets, getListeners, getLocation, getMaximumSize, getMinimumSize, getNextFocusableComponent, getPreferredSize, getRegisteredKeyStrokes, getRootPane, getSize, getToolTipLocation, getToolTipText, getToolTipText, getTopLevelAncestor, getVerifyInputWhenFocusTarget, getVisibleRect, getWidth, getX, getY, grabFocus, hasFocus, hide, isDoubleBuffered, isFocusCycleRoot, isFocusTraversable, isLightweightComponent, isManagingFocus, isMaximumSizeSet, isMinimumSizeSet, isOpaque, isOptimizedDrawingEnabled, isPaintingTile, isPreferredSizeSet, isRequestFocusEnabled, isValidateRoot, paint, paintBorder, paintChildren, paintComponent, paintImmediately, paintImmediately, print, printAll, printBorder, printChildren, printComponent, processComponentKeyEvent, processFocusEvent, processKeyBinding, processKeyEvent, processMouseMotionEvent, putClientProperty, registerKeyboardAction, registerKeyboardAction, removeAncestorListener, removeNotify, removePropertyChangeListener, removePropertyChangeListener, removeVetoableChangeListener, repaint, repaint, requestDefaultFocus, requestFocus, resetKeyboardActions, reshape, revalidate, scrollRectToVisible, setActionMap, setAlignmentX, setAlignmentY, setAutoscrolls, setBackground, setBorder, setDebugGraphicsOptions, setDoubleBuffered, setEnabled, setFont, setForeground, setInputMap, setInputVerifier, setMaximumSize, setMinimumSize, setNextFocusableComponent, setOpaque, setPreferredSize, setRequestFocusEnabled, setToolTipText, setUI, setVerifyInputWhenFocusTarget, setVisible, unregisterKeyboardAction, update |

| **Methods inherited from class java.awt.Container** |
| --- |
| add, add, add, add, add, addContainerListener, addImpl, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getLayout, insets, invalidate, isAncestorOf, layout, list, list, locate, minimumSize, paintComponents, preferredSize, printComponents, processContainerEvent, processEvent, remove, remove, removeAll, removeContainerListener, setLayout, validate, validateTree |

| **Methods inherited from class java.awt.Component** |
| --- |
| action, add, addComponentListener, addFocusListener, addHierarchyBoundsListener, addHierarchyListener, addInputMethodListener, addKeyListener, addMouseListener, addMouseMotionListener, bounds, checkImage, checkImage, coalesceEvents, contains, createImage, createImage, disableEvents, dispatchEvent, enable, enableEvents, enableInputMethods, getBackground, getBounds, getColorModel, getComponentOrientation, getCursor, getDropTarget, getFont, getFontMetrics, getForeground, getGraphicsConfiguration, getInputContext, getInputMethodRequests, getLocale, getLocation, getLocationOnScreen, getName, getParent, getPeer, getSize, getToolkit, getTreeLock, gotFocus, handleEvent, imageUpdate, inside, isDisplayable, isEnabled, isLightweight, isShowing, isValid, isVisible, keyDown, keyUp, list, list, list, location, lostFocus, mouseDown, mouseDrag, mouseEnter, mouseExit, mouseMove, mouseUp, move, nextFocus, paintAll, postEvent, prepareImage, prepareImage, processComponentEvent, processHierarchyBoundsEvent, processHierarchyEvent, processInputMethodEvent, processMouseEvent, remove, removeComponentListener, removeFocusListener, removeHierarchyBoundsListener, removeHierarchyListener, removeInputMethodListener, removeKeyListener, removeMouseListener, removeMouseMotionListener, repaint, repaint, repaint, resize, resize, setBounds, setBounds, setComponentOrientation, setCursor, setDropTarget, setLocale, setLocation, setLocation, setName, setSize, setSize, show, show, size, toString, transferFocus |

| **Methods inherited from class java.lang.Object** |
| --- |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait |

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

### GBPanel

public **GBPanel**()

Creates a panel.

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

### mouseClicked

public void **mouseClicked**(int x,  
 int y)

The GBPanel subclass must implement this method in order to handle mouse clicks in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mousePressed

public void **mousePressed**(int x,  
 int y)

The GBPanel subclass must implement this method in order to handle mouse pressed events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mouseReleased

public void **mouseReleased**(int x,  
 int y)

The GBPanel subclass implement this method in order to handle mouse released events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mouseEntered

public void **mouseEntered**(int x,  
 int y)

The GBPanel subclass implement this method in order to handle mouse entered events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mouseExited

public void **mouseExited**(int x,  
 int y)

The GBPanel subclass implement this method in order to handle mouse exited events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mouseMoved

public void **mouseMoved**(int x,  
 int y)

The GBPanel subclass implement this method in order to handle mouse moved events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

### mouseDragged

public void **mouseDragged**(int x,  
 int y)

The GBPanel subclass implement this method in order to handle mouse dragged events in the window. If no event handling is desired, this method need no be implemented. **Parameters:**x - The x coordinate of the mouse in the window.y - The y coordinate of the mouse in the window.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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