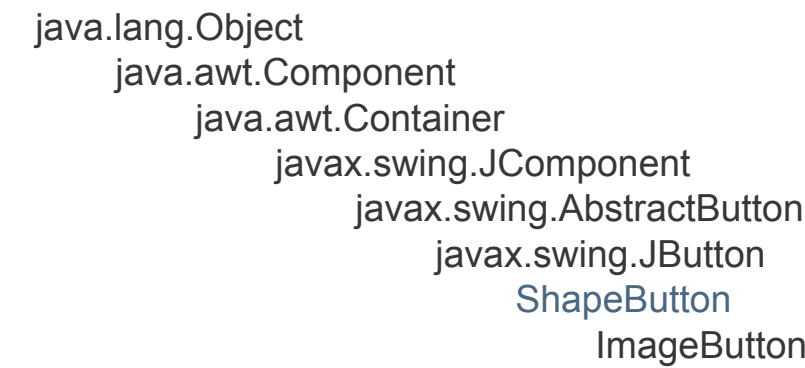


# クラス ImageButton



すべての実装されたインタフェース:

java.awt.event.ActionListener, java.awt.image.ImageObserver, java.awt.ItemSelectable, java.awt.MenuContainer, java.io.Serializable, java.util.EventListener, java.util.Observer, javax.accessibility.Accessible, javax.swing.SwingConstants

```
class ImageButton
extends ShapeButton
```

ネストされたクラスのサマリー

クラスから継承されたネストされたクラス/インタフェース javax.swing.JButton

javax.swing.JButton.AccessibleJButton

クラスから継承されたネストされたクラス/インタフェース javax.swing.AbstractButton

javax.swing.AbstractButton.AccessibleAbstractButton,  
javax.swing.AbstractButton.ButtonChangeListener

クラスから継承されたネストされたクラス/インタフェース javax.swing.JComponent

javax.swing.JComponent.AccessibleJComponent

クラスから継承されたネストされたクラス/インタフェース java.awt.Container

java.awt.Container.AccessibleAWTContainer

クラスから継承されたネストされたクラス/インタフェース java.awt.Component

java.awt.Component.AccessibleAWTComponent, java.awt.Component.BaselineResizeBehavior, java.awt.Component.BltBufferStrategy, java.awt.Component.FlipBufferStrategy

## フィールドのサマリー

### クラスから継承されたフィールド **ShapeButton**

icon, pen

### クラスから継承されたフィールド **javax.swing.AbstractButton**

actionListener, BORDER\_PAINTED\_CHANGED\_PROPERTY, changeEvent, changeListener, CONTENT\_AREA\_FILLED\_CHANGED\_PROPERTY, DISABLED\_ICON\_CHANGED\_PROPERTY, DISABLED\_SELECTED\_ICON\_CHANGED\_PROPERTY, FOCUS\_PAINTED\_CHANGED\_PROPERTY, HORIZONTAL\_ALIGNMENT\_CHANGED\_PROPERTY, HORIZONTAL\_TEXT\_POSITION\_CHANGED\_PROPERTY, ICON\_CHANGED\_PROPERTY, itemListener, MARGIN\_CHANGED\_PROPERTY, MNEMONIC\_CHANGED\_PROPERTY, model, MODEL\_CHANGED\_PROPERTY, PRESSED\_ICON\_CHANGED\_PROPERTY, ROLLOVER\_ENABLED\_CHANGED\_PROPERTY, ROLLOVER\_ICON\_CHANGED\_PROPERTY, ROLLOVER\_SELECTED\_ICON\_CHANGED\_PROPERTY, SELECTED\_ICON\_CHANGED\_PROPERTY, TEXT\_CHANGED\_PROPERTY, VERTICAL\_ALIGNMENT\_CHANGED\_PROPERTY, VERTICAL\_TEXT\_POSITION\_CHANGED\_PROPERTY

### クラスから継承されたフィールド **javax.swing.JComponent**

listenerList, TOOL\_TIP\_TEXT\_KEY, ui, UNDEFINED\_CONDITION, WHEN\_ANCESTOR\_OF\_FOCUSED\_COMPONENT, WHEN\_FOCUSED, WHEN\_IN\_FOCUSED\_WINDOW

### クラスから継承されたフィールド **java.awt.Component**

accessibleContext, BOTTOM\_ALIGNMENT, CENTER\_ALIGNMENT, LEFT\_ALIGNMENT, RIGHT\_ALIGNMENT, TOP\_ALIGNMENT

### インタフェースから継承されたフィールド **javax.swing.SwingConstants**

BOTTOM, CENTER, EAST, HORIZONTAL, LEADING, LEFT, NEXT, NORTH, NORTH\_EAST, NORTH\_WEST, PREVIOUS, RIGHT, SOUTH, SOUTH\_EAST, SOUTH\_WEST, TOP, TRAILING, VERTICAL, WEST

### インタフェースから継承されたフィールド **java.awt.image.ImageObserver**

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

## コンストラクタのサマリー

### コンストラクタ

**ImageButton**(**Pen** pen, java.lang.String icon, java.lang.String name)

## メソッドのサマリー

すべてのメソッド	インスタンス・メソッド	concreteメソッド
修飾子とタイプ	メソッドと説明	
<b>Figure</b>	<b>createFigure</b> ( <b>Figure</b> f) ボタンに応じた新しいFigureを作成して返します.	

### クラスから継承されたメソッド **ShapeButton**

actionPerformed, setIconFig, update

### クラスから継承されたメソッド **javax.swing.JButton**

getAccessibleContext, getUIClassID, isDefaultButton, isDefaultCapable, paramString, removeNotify, setDefaultCapable, updateUI

### クラスから継承されたメソッド **javax.swing.AbstractButton**

actionPropertyChanged, addActionListener, addChangeListener, addImpl, addItemListener, checkHorizontalKey, checkVerticalKey, configurePropertiesFromAction, createActionListener, createActionPropertyChangeListener, createChangeListener, createItemListener, doClick, doClick, fireActionPerformed, fireItemStateChanged, fireStateChanged, getAction, getActionCommand, getActionListeners, getChangeListeners, getDisabledIcon, getDisabledSelectedIcon, getDisplayedMnemonicIndex, getHideActionText, getHorizontalAlignment, getHorizontalTextPosition, getIcon, getIconTextGap, getItemListeners, getLabel, getMargin, getMnemonic, getModel, getMultiClickThreshold, getPressedIcon, getRolloverIcon, getRolloverSelectedIcon, getSelectedIcon, getSelectedObjects, getText, getUI, getVerticalAlignment, getVerticalTextPosition, imageUpdate, init, isBorderPainted, isContentAreaFilled, isFocusPainted, isRolloverEnabled, isSelected, paintBorder, removeActionListener, removeChangeListener, removeItemListener, setAction, setActionCommand, setBorderPainted, setContentAreaFilled, setDisabledIcon, setDisabledSelectedIcon, setDisplayedMnemonicIndex, setEnabled, setFocusPainted, setHideActionText, setHorizontalAlignment, setHorizontalTextPosition, setIcon, setIconTextGap, setLabel, setLayout, setMargin, setMnemonic, setMnemonic, setModel, setMultiClickThreshold, setPressedIcon, setRolloverEnabled, setRolloverIcon, setRolloverSelectedIcon, setSelected, setSelectedIcon, setText, setUI, setVerticalAlignment, setVerticalTextPosition

### クラスから継承されたメソッド **javax.swing.JComponent**

addAncestorListener, addNotify, addVetoableChangeListener, computeVisibleRect, contains, createToolTip, disable, enable, firePropertyChange, firePropertyChange, firePropertyChange, fireVetoableChange, getActionForKeyStroke, getActionMap,

getAlignmentX, getAlignmentY, getAncestorListeners, getAutoscrolls, getBaseline, getBaselineResizeBehavior, getBorder, getBounds, getClientProperty, getComponentGraphics, getComponentPopupMenu, getConditionForKeyStroke, getDebugGraphicsOptions, getDefaultLocale, getFontMetrics, getGraphics, getHeight, getInheritsPopupMenu, getInputMap, getInputMap, getInputVerifier, getInsets, getInsets, getListeners, getLocation, getMaximumSize, getMinimumSize, getNextFocusableComponent, getPopupLocation, getPreferredSize, getRegisteredKeyStrokes, getRootPane, getSize, getToolTipLocation, getToolTipText, getToolTipText, getTopLevelAncestor, getTransferHandler, getVerifyInputWhenFocusTarget, getVetoableChangeListeners, getVisibleRect, getWidth, getX, getY, grabFocus, hide, isDoubleBuffered, isLightweightComponent, isManagingFocus, isOpaque, isOptimizedDrawingEnabled, isPaintingForPrint, isPaintingOrigin, isPaintingTile, isRequestFocusEnabled, isValidRoot, paint, paintChildren, paintComponent, paintImmediately, paintImmediately, print, printAll, printBorder, printChildren, printComponent, processComponentKeyEvent, processKeyBinding, processKeyEvent, processMouseEvent, processMouseMotionEvent, putClientProperty, registerKeyboardAction, registerKeyboardAction, removeAncestorListener, removeVetoableChangeListener, repaint, repaint, requestDefaultFocus, requestFocus, requestFocus, requestFocusInWindow, requestFocusInWindow, resetKeyboardActions, reshape, revalidate, scrollRectToVisible, setActionMap, setAlignmentX, setAlignmentY, setAutoscrolls, setBackground, setBorder, setComponentPopupMenu, setDebugGraphicsOptions, setDefaultLocale, setDoubleBuffered, setFocusTraversalKeys, setFont, setForeground, setInheritsPopupMenu, setInputMap, setInputVerifier, setMaximumSize, setMinimumSize, setNextFocusableComponent, setOpaque, setPreferredSize, setRequestFocusEnabled, setToolTipText, setTransferHandler, setUI, setVerifyInputWhenFocusTarget, setVisible, unregisterKeyboardAction, update

## クラスから継承されたメソッド java.awt.Container

add, add, add, add, add, addContainerListener, addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation, areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getComponentZOrder, getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getLayout, getMousePosition, insets, invalidate, isAncestorOf, isFocusCycleRoot, isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list, locate, minimumSize, paintComponents, preferredSize, printComponents, processContainerEvent, processEvent, remove, remove, removeAll, removeContainerListener, setComponentZOrder, setFocusCycleRoot, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, transferFocusDownCycle, validate, validateTree

## クラスから継承されたメソッド java.awt.Component

action, add, addComponentListener, addFocusListener, addHierarchyBoundsListener, addHierarchyListener, addInputMethodListener, addKeyListener, addMouseListener, addMouseMotionListener, addMouseWheelListener, bounds, checkImage, checkImage, coalesceEvents, contains, createImage, createImage, createVolatileImage, createVolatileImage, disableEvents, dispatchEvent, enable, enableEvents, enableInputMethods, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, getBackground, getBounds, getColorModel, getComponentListeners, getComponentOrientation, getCursor, getDropTarget,

getFocusCycleRootAncestor, getFocusListeners, getFocusTraversalKeysEnabled, getFont, getForeground, getGraphicsConfiguration, getHierarchyBoundsListeners, getHierarchyListeners, getIgnoreRepaint, getInputContext, getInputMethodListeners, getInputMethodRequests, getKeyListeners, getLocale, getLocation, getLocationOnScreen, getMouseListeners, getMouseMotionListeners, getMousePosition, getMouseWheelListeners, getName, getParent, getPeer, getPropertyChangeListeners, getPropertyChangeListeners, getSize, getToolkit, getTreeLock, gotFocus, handleEvent, hasFocus, inside, isBackgroundSet, isCursorSet, isDisplayable, isEnabled, isFocusable, isFocusOwner, isFocusTraversable, isFontSet, isForegroundSet, isLightweight, isMaximumSizeSet, isMinimumSizeSet, isPreferredSizeSet, isShowing, isValid, isVisible, keyDown, keyUp, list, list, list, location, lostFocus, mouseDown, mouseDrag, mouseEnter, mouseExit, mouseMove, mouseUp, move, nextFocus, paintAll, postEvent, prepareImage, prepareImage, processComponentEvent, processFocusEvent, processHierarchyBoundsEvent, processHierarchyEvent, processInputMethodEvent, processMouseWheelEvent, remove, removeComponentListener, removeFocusListener, removeHierarchyBoundsListener, removeHierarchyListener, removeInputMethodListener, removeKeyListener, removeMouseListener, removeMouseMotionListener, removeMouseWheelListener, removePropertyChangeListener, removePropertyChangeListener, repaint, repaint, repaint, resize, resize, setBounds, setBounds, setComponentOrientation, setCursor, setDropTarget, setFocusable, setFocusTraversalKeysEnabled, setIgnoreRepaint, setLocale, setLocation, setLocation, setName, setSize, setSize, show, show, size, toString, transferFocus, transferFocusBackward, transferFocusUpCycle

## クラスから継承されたメソッド java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

## コンストラクタの詳細

### ImageButton

```
public ImageButton(Pen pen,
                   java.lang.String icon,
                   java.lang.String name)
```

## メソッドの詳細

### createFigure

```
public Figure createFigure(Figure f)
```

クラスからコピーされた説明: **ShapeButton**  
ボタンに応じた新しいFigureを作成して返します。

オーバーライド:

[createFigure](#) [クラス内](#) [ShapeButton](#)

パラメータ:

f - 初期化に使用する Figure

戻り値:

新しい Figure

[パッケージ](#) [クラス](#) [使用](#) [階層ツリー](#) [非推奨](#) [索引](#) [ヘルプ](#)

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