MenuPackage

Class Menu

java.lang.Object
    java.awt.Component
        java.awt.Container
           java.awt.Window
               java.awt.Frame
                   javax.swing.JFrame
                       MenuPackage.Menu

All Implemented Interfaces:

```
java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.WindowConstants
```

```
public class Menu
extends javax.swing.JFrame
```

This class displays the Main menu picture. The mouse listener gives the static buttons functionality for opening games and closing the program.

See Also:

Serialized Form

Nested Class Summary

Nested classes/interfaces inherited from class javax.swing.JFrame

```
javax.swing.JFrame.AccessibleJFrame
```

Nested classes/interfaces inherited from class java.awt.Frame

```
java.awt.Frame.AccessibleAWTFrame
```

Nested classes/interfaces inherited from class java.awt.Window

```
java.awt.Window.AccessibleAWTWindow, java.awt.Window.Type
```

Nested classes/interfaces inherited from class java.awt.Container

```
java.awt.Container.AccessibleAWTContainer
```

Nested classes/interfaces inherited from class java.awt.Component

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

Field Summary

Fields

Modifier and Type	Field and Description
private javax.swing.ImageIcon	**menuImage**
private javax.swing.JLabel	**menuLabel**
private java.awt.Dimension	**menuSize**

Fields inherited from class javax.swing.JFrame

```
accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled
```

Fields inherited from class java.awt.Frame

```
CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED,
MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR,
NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR,
SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR
```

Fields inherited from class java.awt.Component

```
BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT,
TOP_ALIGNMENT
```

Fields inherited from interface javax.swing.WindowConstants

```
DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, HIDE_ON_CLOSE
```

Fields inherited from interface java.awt.image.ImageObserver

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

Constructor Summary

Constructors

Constructor and Description

Menu()
Displays image on JFrame and adds a label to the image

Method Summary

All Methods   Static Methods   Concrete Methods

Modifier and Type	Method and Description
static void	**main**(java.lang.String[] args) Sets JFrame attributes.

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane,
getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar,
getLayeredPane, getRootPane, getTransferHandler,
isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString,
processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation,
setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar,
setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled,
setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getCursorType, getExtendedState, getFrames, getIconImage,
getMaximizedBounds, getMenuBar, getState, getTitle, isResizable,
isUndecorated, remove, removeNotify, setBackground, setCursor,
setExtendedState, setMaximizedBounds, setMenuBar, setOpacity, setResizable,
setShape, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener,
addWindowListener, addWindowStateListener, applyResourceBundle,
applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose,
getBackground, getBufferStrategy, getFocusableWindowState,
getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys,
getIconImages, getInputContext, getListeners, getLocale,
getModalExclusionType, getMostRecentFocusOwner, getOpacity, getOwnedWindows,
getOwner, getOwnerlessWindows, getShape, getToolkit, getType,
getWarningString, getWindowFocusListeners, getWindowListeners, getWindows,
getWindowStateListeners, hide, isActive, isAlwaysOnTop,
isAlwaysOnTopSupported, isAutoRequestFocus, isFocusableWindow,
isFocusCycleRoot, isFocused, isLocationByPlatform, isOpaque, isShowing,
isValidateRoot, pack, paint, postEvent, processEvent, processWindowFocusEvent,
processWindowStateEvent, removeWindowFocusListener, removeWindowListener,

```
removeWindowStateListener, reshape, setAlwaysOnTop, setAutoRequestFocus,
setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot,
setIconImages, setLocation, setLocation, setLocationByPlatform,
setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize,
setSize, setType, setVisible, show, toBack, toFront
```

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout,
findComponentAt, findComponentAt, getAlignmentX, getAlignmentY, getComponent,
getComponentAt, getComponentAt, getComponentCount, getComponents,
getComponentZOrder, getContainerListeners, getFocusTraversalPolicy, getInsets,
getLayout, getMaximumSize, getMinimumSize, getMousePosition, getPreferredSize,
insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list,
locate, minimumSize, paintComponents, preferredSize, print, printComponents,
processContainerEvent, remove, removeAll, removeContainerListener,
setComponentZOrder, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, transferFocusDownCycle, validate,
validateTree
```

Methods inherited from class java.awt.Component

```
action, add, addComponentListener, addFocusListener,
addHierarchyBoundsListener, addHierarchyListener, addInputMethodListener,
addKeyListener, addMouseListener, addMouseMotionListener,
addMouseWheelListener, bounds, checkImage, checkImage, coalesceEvents,
contains, contains, createImage, createImage, createVolatileImage,
createVolatileImage, disable, disableEvents, dispatchEvent, enable, enable,
enableEvents, enableInputMethods, firePropertyChange, firePropertyChange,
firePropertyChange, firePropertyChange, firePropertyChange,
firePropertyChange, firePropertyChange, firePropertyChange,
firePropertyChange, getBaseline, getBaselineResizeBehavior, getBounds,
getBounds, getColorModel, getComponentListeners, getComponentOrientation,
getCursor, getDropTarget, getFocusListeners, getFocusTraversalKeysEnabled,
getFont, getFontMetrics, getForeground, getGraphicsConfiguration, getHeight,
getHierarchyBoundsListeners, getHierarchyListeners, getIgnoreRepaint,
getInputMethodListeners, getInputMethodRequests, getKeyListeners, getLocation,
getLocation, getLocationOnScreen, getMouseListeners, getMouseMotionListeners,
getMousePosition, getMouseWheelListeners, getName, getParent, getPeer,
getPropertyChangeListeners, getPropertyChangeListeners, getSize, getSize,
getTreeLock, getWidth, getX, getY, gotFocus, handleEvent, hasFocus,
imageUpdate, inside, isBackgroundSet, isCursorSet, isDisplayable,
isDoubleBuffered, isEnabled, isFocusable, isFocusOwner, isFocusTraversable,
isFontSet, isForegroundSet, isLightweight, isMaximumSizeSet, isMinimumSizeSet,
isPreferredSizeSet, isValid, isVisible, keyDown, keyUp, list, list, list,
location, lostFocus, mouseDown, mouseDrag, mouseEnter, mouseExit, mouseMove,
mouseUp, move, nextFocus, paintAll, prepareImage, prepareImage, printAll,
processComponentEvent, processFocusEvent, processHierarchyBoundsEvent,
```

```
processHierarchyEvent, processInputMethodEvent, processKeyEvent,
processMouseEvent, processMouseMotionEvent, processMouseWheelEvent,
removeComponentListener, removeFocusListener, removeHierarchyBoundsListener,
removeHierarchyListener, removeInputMethodListener, removeKeyListener,
removeMouseListener, removeMouseMotionListener, removeMouseWheelListener,
removePropertyChangeListener, removePropertyChangeListener, repaint, repaint,
repaint, requestFocus, requestFocus, requestFocusInWindow,
requestFocusInWindow, resize, resize, revalidate, setComponentOrientation,
setDropTarget, setEnabled, setFocusable, setFocusTraversalKeysEnabled,
setForeground, setIgnoreRepaint, setLocale, setMaximumSize, setName,
setPreferredSize, show, size, toString, transferFocus, transferFocusBackward,
transferFocusUpCycle
```

Methods inherited from class java.lang.Object

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

Methods inherited from interface java.awt.MenuContainer

```
getFont, postEvent
```

Field Detail

menuImage

```
private javax.swing.ImageIcon menuImage
```

menuLabel

```
private javax.swing.JLabel menuLabel
```

menuSize

```
private java.awt.Dimension menuSize
```

Constructor Detail

Menu

```
Menu()
```

Displays image on JFrame and adds a label to the image

Method Detail

main

```
public static void main(java.lang.String[] args)
```

Sets JFrame attributes.