

Class BigEnemy

```

java.lang.Object
  java.awt.Component
    java.awt.Container
      javax.swing.JComponent
        javax.swing.JPanel
          SpriteSheet
            EnemySprite
              BigEnemy
  
```

All Implemented Interfaces:

[java.awt.image.ImageObserver](#), [java.awt.MenuContainer](#), [java.io.Serializable](#),
[javax.accessibility.Accessible](#)

```

public class BigEnemy
extends EnemySprite
  
```

This is the BigEnemy class and is a subclass to EnemySpirte. BigEnemy is a type of enemy and uses a seperate image than other enemys.

See Also:

[Serialized Form](#)

Nested Class Summary

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

[javax.swing.JPanel.AccessibleJPanel](#)

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

[javax.swing.JComponent.AccessibleJComponent](#)

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 inherited from class `EnemySprite`

`didPlaneFire`, `enemyMissiles`, `isBigEnemy`, `isSmallEnemy`

Fields inherited from class `javax.swing.JComponent`

`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`

`accessibleContext`, `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

Constructors

Constructor and Description

`BigEnemy`(`java.lang.String` e, `int` life)

This is the constructor for the `BigEnemy` and require a image file location for it too draw.

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
<code>java.awt.Rectangle</code>	<code>getBigBoundsX()</code> This gets the horizontal bounds for the wings of the plane
<code>java.awt.Rectangle</code>	<code>getBigBoundsY()</code> This gets the vertical bounds for the body of the plane.

Methods inherited from class `EnemySprite`

array, didPlaneFire, doDrawing, getH, getLife, getPlane, getW, getXPosition, getYPosition, isEnemyDestroyed, loadImage, moveDown, moveLeft, moveRight, moveUp, projectile, setEnemyDestroyed, setMoveSpeedX, setX, setY, subtractLife

Methods inherited from class `SpriteSheet`

getHeight, getSprites, getWidth

Methods inherited from class `javax.swing.JPanel`

getAccessibleContext, getUI, getUIClassID, paramString, setUI, updateUI

Methods inherited from class `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, getInheritsPopupMenu, getInputMap, getInputMap, getInputVerifier, getInsets, getInsets, getListeners, getLocation, getMaximumSize, getMinimumSize, getNextFocusableComponent, getPopupLocation, getPreferredSize, getRegisteredKeyStrokes, getRootPane, getSize, getToolTipLocation, getToolTipText, getToolTipText, getTopLevelAncestor, getTransferHandler, getVerifyInputWhenFocusTarget, getVetoableChangeListeners, getVisibleRect, getX, getY, grabFocus, hide, isDoubleBuffered, isLightweightComponent, isManagingFocus, isOpaque, isOptimizedDrawingEnabled, isPaintingForPrint, isPaintingOrigin, isPaintingTile, isRequestFocusEnabled, isValidRoot, paint, paintBorder, paintChildren, paintComponent, paintImmediately, paintImmediately, print, printAll, printBorder, printChildren, printComponent, processComponentKeyEvent, processKeyBinding, processKeyEvent, processMouseEvent, processMouseMotionEvent, putClientProperty, registerKeyboardAction, registerKeyboardAction, removeAncestorListener, removeNotify, removeVetoableChangeListener, repaint, repaint, requestDefaultFocus, requestFocus, requestFocus, requestFocusInWindow, requestFocusInWindow, resetKeyboardActions, reshape, revalidate, scrollRectToVisible, setActionMap, setAlignmentX, setAlignmentY, setAutoscrolls, setBackground, setBorder, setComponentPopupMenu, setDebugGraphicsOptions, setDefaultLocale, setDoubleBuffered, setEnabled, setFocusTraversalKeys, setFont, setForeground, setInheritsPopupMenu, setInputMap, setInputVerifier, setMaximumSize, setMinimumSize, setNextFocusableComponent, setOpaque, setPreferredSize, setRequestFocusEnabled, setToolTipText, setTransferHandler, setUI, setVerifyInputWhenFocusTarget, setVisible, unregisterKeyboardAction, update

Methods inherited from class `java.awt.Container`

add, add, add, add, add, addContainerListener, addImpl, 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, setLayout, 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, createImage, createImage, createVolatileImage, createVolatileImage, disableEvents, dispatchEvent, enable, enableEvents, enableInputMethods, 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, imageUpdate, 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

Methods inherited from class java.lang.Object

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

Methods inherited from interface java.awt.image.ImageObserver

imageUpdate

Constructor Detail

BigEnemy

```
public BigEnemy(java.lang.String e,  
                int life)
```

This is the constructor for the BigEnemy and require a image file location for it too draw.

Parameters:

e - the location of the image file

Method Detail

getBigBoundsX

```
public java.awt.Rectangle getBigBoundsX()
```

This gets the horizontal bounds for the wings of the plane

Overrides:

`getBigBoundsX` in class `EnemySprite`

Returns:

returns the horizontal bounds of the BigEnemy

getBigBoundsY

```
public java.awt.Rectangle getBigBoundsY()
```

This gets the vertical bounds for the body of the plane.

Overrides:

`getBigBoundsY` in class `EnemySprite`

Returns:

returns the vertical bounds

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