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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **[Package](package-summary.html)** | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
| PREV CLASS   [**NEXT CLASS**](TwixtCell.html) | [**FRAMES**](index.html?Twixt.html)    [**NO FRAMES**](Twixt.html)  [**All Classes**](allclasses-noframe.html) |
| SUMMARY: [NESTED](#nested_classes_inherited_from_class_jav) | [FIELD](#field_summary) | [CONSTR](#constructor_summary) | [METHOD](#method_summary) | DETAIL: [FIELD](#field_detail) | [CONSTR](#constructor_detail) | [METHOD](#method_detail) |

**Class Twixt**

java.lang.Object

java.awt.Component

java.awt.Container

java.awt.Window

java.awt.Frame

javax.swing.JFrame

**Twixt**

**All Implemented Interfaces:**

java.awt.event.ActionListener, java.awt.event.MouseListener, java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable, java.util.EventListener, javax.accessibility.Accessible, javax.swing.RootPaneContainer, javax.swing.WindowConstants

public class **Twixt**extends javax.swing.JFrameimplements java.awt.event.ActionListener, java.awt.event.MouseListener

**See Also:**

[Serialized Form](serialized-form.html#Twixt)

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| **Nested Class Summary** |

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| **Nested classes/interfaces inherited from class javax.swing.JFrame** |
| javax.swing.JFrame.AccessibleJFrame |

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| **Nested classes/interfaces inherited from class java.awt.Frame** |
| java.awt.Frame.AccessibleAWTFrame |

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| **Nested classes/interfaces inherited from class java.awt.Window** |
| java.awt.Window.AccessibleAWTWindow |

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| --- |
| **Nested classes/interfaces inherited from class java.awt.Container** |
| java.awt.Container.AccessibleAWTContainer |

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| --- |
| **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 |

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| --- | --- |
| **Field Summary** | |
| private  javax.swing.JLabel | [**blueNameTotalConnectorsLabel**](Twixt.html#blueNameTotalConnectorsLabel) |
| private  javax.swing.JLabel | [**blueNameTotalPegsLabel**](Twixt.html#blueNameTotalPegsLabel) |
| private  java.lang.String | [**bluePlayerName**](Twixt.html#bluePlayerName) |
| private  int | [**blueTotalConnectors**](Twixt.html#blueTotalConnectors) |
| private  javax.swing.JLabel | [**blueTotalConnectorsLabel**](Twixt.html#blueTotalConnectorsLabel) |
| private  int | [**blueTotalPegs**](Twixt.html#blueTotalPegs) |
| private  javax.swing.JLabel | [**blueTotalPegsLabel**](Twixt.html#blueTotalPegsLabel) |
| private  javax.swing.JPanel | [**boardPanel**](Twixt.html#boardPanel) |
| private  [TwixtCell](TwixtCell.html)[][] | [**cell**](Twixt.html#cell) |
| private  java.lang.String[][] | [**connectors**](Twixt.html#connectors) |
| private  int | [**currentCol**](Twixt.html#currentCol) |
| private  int | [**currentRow**](Twixt.html#currentRow) |
| private  javax.swing.JMenu | [**editMenu**](Twixt.html#editMenu) |
| private  java.lang.String | [**fileName**](Twixt.html#fileName) |
| private static int | [**FRAME\_HEIGHT**](Twixt.html#FRAME_HEIGHT) |
| private static int | [**FRAME\_WIDTH**](Twixt.html#FRAME_WIDTH) |
| private static int | [**FRAME\_X\_ORIGIN**](Twixt.html#FRAME_X_ORIGIN) |
| private static int | [**FRAME\_Y\_ORIGIN**](Twixt.html#FRAME_Y_ORIGIN) |
| private  javax.swing.JPanel | [**fullBoardPanel**](Twixt.html#fullBoardPanel) |
| private  javax.swing.JTextArea | [**gameInfoText**](Twixt.html#gameInfoText) |
| private  javax.swing.JMenu | [**gameMenu**](Twixt.html#gameMenu) |
| private  javax.swing.JPanel | [**gamePanel**](Twixt.html#gamePanel) |
| private  javax.swing.JMenu | [**helpMenu**](Twixt.html#helpMenu) |
| private  [TwixtManual](TwixtManual.html) | [**manual**](Twixt.html#manual) |
| private  javax.swing.JLabel | [**redNameTotalConnectorsLabel**](Twixt.html#redNameTotalConnectorsLabel) |
| private  javax.swing.JLabel | [**redNameTotalPegsLabel**](Twixt.html#redNameTotalPegsLabel) |
| private  java.lang.String | [**redPlayerName**](Twixt.html#redPlayerName) |
| private  boolean | [**redPlayerTurn**](Twixt.html#redPlayerTurn) |
| private  int | [**redTotalConnectors**](Twixt.html#redTotalConnectors) |
| private  javax.swing.JLabel | [**redTotalConnectorsLabel**](Twixt.html#redTotalConnectorsLabel) |
| private  int | [**redTotalPegs**](Twixt.html#redTotalPegs) |
| private  javax.swing.JLabel | [**redTotalPegsLabel**](Twixt.html#redTotalPegsLabel) |
| private  javax.swing.JPanel | [**scorePanel**](Twixt.html#scorePanel) |
| private  javax.swing.JScrollPane | [**scrollBar**](Twixt.html#scrollBar) |
| private  java.lang.String[][] | [**spaces**](Twixt.html#spaces) |
| private  javax.swing.JPanel | [**textPanel**](Twixt.html#textPanel) |
| private  java.lang.String[][] | [**visitedConnectors**](Twixt.html#visitedConnectors) |

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| **Fields inherited from class javax.swing.JFrame** |
| accessibleContext, EXIT\_ON\_CLOSE, rootPane, rootPaneCheckingEnabled |

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| --- |
| **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 |

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

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| **Fields inherited from interface javax.swing.WindowConstants** |
| DISPOSE\_ON\_CLOSE, DO\_NOTHING\_ON\_CLOSE, HIDE\_ON\_CLOSE |

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

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| **Constructor Summary** | |
| [**Twixt**](Twixt.html#Twixt())() |  |

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| --- | --- |
| **Method Summary** | |
| void | [**actionPerformed**](Twixt.html#actionPerformed(java.awt.event.ActionEvent))(java.awt.event.ActionEvent event) |
| void | [**blueWins**](Twixt.html#blueWins())() |
| void | [**checkBlueWinner**](Twixt.html#checkBlueWinner())() |
| boolean | [**checkOpponentConnectorsPositionEight**](Twixt.html#checkOpponentConnectorsPositionEight())() |
| boolean | [**checkOpponentConnectorsPositionFive**](Twixt.html#checkOpponentConnectorsPositionFive())() |
| boolean | [**checkOpponentConnectorsPositionFour**](Twixt.html#checkOpponentConnectorsPositionFour())() |
| boolean | [**checkOpponentConnectorsPositionOne**](Twixt.html#checkOpponentConnectorsPositionOne())() |
| boolean | [**checkOpponentConnectorsPositionSeven**](Twixt.html#checkOpponentConnectorsPositionSeven())() |
| boolean | [**checkOpponentConnectorsPositionSix**](Twixt.html#checkOpponentConnectorsPositionSix())() |
| boolean | [**checkOpponentConnectorsPositionThree**](Twixt.html#checkOpponentConnectorsPositionThree())() |
| boolean | [**checkOpponentConnectorsPositionTwo**](Twixt.html#checkOpponentConnectorsPositionTwo())() |
| void | [**checkRedWinner**](Twixt.html#checkRedWinner())() |
| private  void | [**createBoardPanel**](Twixt.html#createBoardPanel())() |
| private  void | [**createBorderPanels**](Twixt.html#createBorderPanels())() |
| private  void | [**createGameMenu**](Twixt.html#createGameMenu())() |
| private  void | [**createHelpMenu**](Twixt.html#createHelpMenu())() |
| private  void | [**createScorePanel**](Twixt.html#createScorePanel())() |
| int | [**getPositionEightX**](Twixt.html#getPositionEightX())() |
| int | [**getPositionEightY**](Twixt.html#getPositionEightY())() |
| int | [**getPositionFiveX**](Twixt.html#getPositionFiveX())() |
| int | [**getPositionFiveY**](Twixt.html#getPositionFiveY())() |
| int | [**getPositionFourX**](Twixt.html#getPositionFourX())() |
| int | [**getPositionFourY**](Twixt.html#getPositionFourY())() |
| int | [**getPositionOneX**](Twixt.html#getPositionOneX())() |
| int | [**getPositionOneY**](Twixt.html#getPositionOneY())() |
| int | [**getPositionSevenX**](Twixt.html#getPositionSevenX())() |
| int | [**getPositionSevenY**](Twixt.html#getPositionSevenY())() |
| int | [**getPositionSixX**](Twixt.html#getPositionSixX())() |
| int | [**getPositionSixY**](Twixt.html#getPositionSixY())() |
| int | [**getPositionThreeX**](Twixt.html#getPositionThreeX())() |
| int | [**getPositionThreeY**](Twixt.html#getPositionThreeY())() |
| int | [**getPositionTwoX**](Twixt.html#getPositionTwoX())() |
| int | [**getPositionTwoY**](Twixt.html#getPositionTwoY())() |
| static void | [**main**](Twixt.html#main(java.lang.String[]))(java.lang.String[] args) |
| void | [**makeVisitedArray**](Twixt.html#makeVisitedArray())() |
| void | [**mouseClicked**](Twixt.html#mouseClicked(java.awt.event.MouseEvent))(java.awt.event.MouseEvent event) |
| void | [**mouseEntered**](Twixt.html#mouseEntered(java.awt.event.MouseEvent))(java.awt.event.MouseEvent event) |
| void | [**mouseExited**](Twixt.html#mouseExited(java.awt.event.MouseEvent))(java.awt.event.MouseEvent event) |
| void | [**mousePressed**](Twixt.html#mousePressed(java.awt.event.MouseEvent))(java.awt.event.MouseEvent event) |
| void | [**mouseReleased**](Twixt.html#mouseReleased(java.awt.event.MouseEvent))(java.awt.event.MouseEvent event) |
| void | [**placeConnectors**](Twixt.html#placeConnectors())() |
| void | [**redWins**](Twixt.html#redWins())() |
| void | [**saveScores**](Twixt.html#saveScores(int))(int whoWins) |
| int | [**searchBluePath**](Twixt.html#searchBluePath(int))(int checkRow) |
| int | [**searchRedPath**](Twixt.html#searchRedPath(int))(int checkRow) |

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| --- |
| **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 |

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| **Methods inherited from class java.awt.Frame** |
| addNotify, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, remove, removeNotify, setCursor, setExtendedState, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated |

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| **Methods inherited from class java.awt.Window** |
| addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, postEvent, processEvent, processWindowFocusEvent, processWindowStateEvent, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront |

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| --- |
| **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, paint, paintComponents, preferredSize, print, printComponents, processContainerEvent, remove, removeAll, removeContainerListener, setComponentZOrder, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, transferFocusBackward, transferFocusDownCycle, validate, validateTree |

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| **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, getBackground, getBaseline, getBaselineResizeBehavior, getBounds, getBounds, getColorModel, getComponentListeners, getComponentOrientation, getCursor, getDropTarget, getFocusListeners, getFocusTraversalKeysEnabled, getFont, getFontMetrics, getForeground, 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, isOpaque, 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, setBackground, setComponentOrientation, setDropTarget, setEnabled, setFocusable, setFocusTraversalKeysEnabled, setForeground, setIgnoreRepaint, setLocale, setLocation, setLocation, setMaximumSize, setName, setPreferredSize, show, size, toString, transferFocus, transferFocusUpCycle |

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

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| **Methods inherited from interface java.awt.MenuContainer** |
| getFont, postEvent |

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| **Field Detail** |

**FRAME\_WIDTH**

private static final int **FRAME\_WIDTH**

**See Also:**

[Constant Field Values](constant-values.html#Twixt.FRAME_WIDTH)

**FRAME\_HEIGHT**

private static final int **FRAME\_HEIGHT**

**See Also:**

[Constant Field Values](constant-values.html#Twixt.FRAME_HEIGHT)

**FRAME\_X\_ORIGIN**

private static final int **FRAME\_X\_ORIGIN**

**See Also:**

[Constant Field Values](constant-values.html#Twixt.FRAME_X_ORIGIN)

**FRAME\_Y\_ORIGIN**

private static final int **FRAME\_Y\_ORIGIN**

**See Also:**

[Constant Field Values](constant-values.html#Twixt.FRAME_Y_ORIGIN)

**gameMenu**

private javax.swing.JMenu **gameMenu**

**editMenu**

private javax.swing.JMenu **editMenu**

**helpMenu**

private javax.swing.JMenu **helpMenu**

**fullBoardPanel**

private javax.swing.JPanel **fullBoardPanel**

**boardPanel**

private javax.swing.JPanel **boardPanel**

**gamePanel**

private javax.swing.JPanel **gamePanel**

**scorePanel**

private javax.swing.JPanel **scorePanel**

**textPanel**

private javax.swing.JPanel **textPanel**

**redNameTotalPegsLabel**

private javax.swing.JLabel **redNameTotalPegsLabel**

**redTotalPegsLabel**

private javax.swing.JLabel **redTotalPegsLabel**

**blueNameTotalPegsLabel**

private javax.swing.JLabel **blueNameTotalPegsLabel**

**blueTotalPegsLabel**

private javax.swing.JLabel **blueTotalPegsLabel**

**redNameTotalConnectorsLabel**

private javax.swing.JLabel **redNameTotalConnectorsLabel**

**redTotalConnectorsLabel**

private javax.swing.JLabel **redTotalConnectorsLabel**

**blueNameTotalConnectorsLabel**

private javax.swing.JLabel **blueNameTotalConnectorsLabel**

**blueTotalConnectorsLabel**

private javax.swing.JLabel **blueTotalConnectorsLabel**

**gameInfoText**

private javax.swing.JTextArea **gameInfoText**

**scrollBar**

private javax.swing.JScrollPane **scrollBar**

**currentRow**

private int **currentRow**

**currentCol**

private int **currentCol**

**redTotalPegs**

private int **redTotalPegs**

**blueTotalPegs**

private int **blueTotalPegs**

**redTotalConnectors**

private int **redTotalConnectors**

**blueTotalConnectors**

private int **blueTotalConnectors**

**redPlayerName**

private java.lang.String **redPlayerName**

**bluePlayerName**

private java.lang.String **bluePlayerName**

**spaces**

private java.lang.String[][] **spaces**

**redPlayerTurn**

private boolean **redPlayerTurn**

**fileName**

private java.lang.String **fileName**

**connectors**

private java.lang.String[][] **connectors**

**visitedConnectors**

private java.lang.String[][] **visitedConnectors**

**cell**

private [TwixtCell](TwixtCell.html)[][] **cell**

**manual**

private [TwixtManual](TwixtManual.html) **manual**

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

**Twixt**

public **Twixt**()

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

**main**

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

**createBorderPanels**

private void **createBorderPanels**()

**createBoardPanel**

private void **createBoardPanel**()

**createScorePanel**

private void **createScorePanel**()

**createGameMenu**

private void **createGameMenu**()

**createHelpMenu**

private void **createHelpMenu**()

**mouseClicked**

public void **mouseClicked**(java.awt.event.MouseEvent event)

**Specified by:**

mouseClicked in interface java.awt.event.MouseListener

**mouseEntered**

public void **mouseEntered**(java.awt.event.MouseEvent event)

**Specified by:**

mouseEntered in interface java.awt.event.MouseListener

**mouseExited**

public void **mouseExited**(java.awt.event.MouseEvent event)

**Specified by:**

mouseExited in interface java.awt.event.MouseListener

**mousePressed**

public void **mousePressed**(java.awt.event.MouseEvent event)

**Specified by:**

mousePressed in interface java.awt.event.MouseListener

**mouseReleased**

public void **mouseReleased**(java.awt.event.MouseEvent event)

**Specified by:**

mouseReleased in interface java.awt.event.MouseListener

**actionPerformed**

public void **actionPerformed**(java.awt.event.ActionEvent event)

**Specified by:**

actionPerformed in interface java.awt.event.ActionListener

**placeConnectors**

public void **placeConnectors**()

**getPositionOneX**

public int **getPositionOneX**()

**getPositionOneY**

public int **getPositionOneY**()

**getPositionTwoX**

public int **getPositionTwoX**()

**getPositionTwoY**

public int **getPositionTwoY**()

**getPositionThreeX**

public int **getPositionThreeX**()

**getPositionThreeY**

public int **getPositionThreeY**()

**getPositionFourX**

public int **getPositionFourX**()

**getPositionFourY**

public int **getPositionFourY**()

**getPositionFiveX**

public int **getPositionFiveX**()

**getPositionFiveY**

public int **getPositionFiveY**()

**getPositionSixX**

public int **getPositionSixX**()

**getPositionSixY**

public int **getPositionSixY**()

**getPositionSevenX**

public int **getPositionSevenX**()

**getPositionSevenY**

public int **getPositionSevenY**()

**getPositionEightX**

public int **getPositionEightX**()

**getPositionEightY**

public int **getPositionEightY**()

**checkOpponentConnectorsPositionOne**

public boolean **checkOpponentConnectorsPositionOne**()

**checkOpponentConnectorsPositionTwo**

public boolean **checkOpponentConnectorsPositionTwo**()

**checkOpponentConnectorsPositionThree**

public boolean **checkOpponentConnectorsPositionThree**()

**checkOpponentConnectorsPositionFour**

public boolean **checkOpponentConnectorsPositionFour**()

**checkOpponentConnectorsPositionFive**

public boolean **checkOpponentConnectorsPositionFive**()

**checkOpponentConnectorsPositionSix**

public boolean **checkOpponentConnectorsPositionSix**()

**checkOpponentConnectorsPositionSeven**

public boolean **checkOpponentConnectorsPositionSeven**()

**checkOpponentConnectorsPositionEight**

public boolean **checkOpponentConnectorsPositionEight**()

**makeVisitedArray**

public void **makeVisitedArray**()

**checkRedWinner**

public void **checkRedWinner**()

**searchRedPath**

public int **searchRedPath**(int checkRow)

**redWins**

public void **redWins**()

**checkBlueWinner**

public void **checkBlueWinner**()

**searchBluePath**

public int **searchBluePath**(int checkRow)

**blueWins**

public void **blueWins**()

**saveScores**

public void **saveScores**(int whoWins)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **[Package](package-summary.html)** | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
| PREV CLASS   [**NEXT CLASS**](TwixtCell.html) | [**FRAMES**](index.html?Twixt.html)    [**NO FRAMES**](Twixt.html)  [**All Classes**](allclasses-noframe.html) |
| SUMMARY: [NESTED](#nested_classes_inherited_from_class_jav) | [FIELD](#field_summary) | [CONSTR](#constructor_summary) | [METHOD](#method_summary) | DETAIL: [FIELD](#field_detail) | [CONSTR](#constructor_detail) | [METHOD](#method_detail) |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](package-summary.html) | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
| [**PREV CLASS**](Twixt.html)   [**NEXT CLASS**](TwixtManual.html) | [**FRAMES**](index.html?TwixtCell.html)    [**NO FRAMES**](TwixtCell.html)  [**All Classes**](allclasses-noframe.html) |
| SUMMARY: [NESTED](#nested_classes_inherited_from_class_jav) | [FIELD](#field_summary) | [CONSTR](#constructor_summary) | [METHOD](#method_summary) | DETAIL: [FIELD](#field_detail) | [CONSTR](#constructor_detail) | [METHOD](#method_detail) |

**Class TwixtCell**

java.lang.Object

java.awt.Component

java.awt.Container

javax.swing.JComponent

javax.swing.JLabel

**TwixtCell**

**All Implemented Interfaces:**

java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable, javax.accessibility.Accessible, javax.swing.SwingConstants

public class **TwixtCell**extends javax.swing.JLabel

**See Also:**

[Serialized Form](serialized-form.html#TwixtCell)

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| **Nested Class Summary** |

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| --- |
| **Nested classes/interfaces inherited from class javax.swing.JLabel** |
| javax.swing.JLabel.AccessibleJLabel |

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| **Nested classes/interfaces inherited from class javax.swing.JComponent** |
| javax.swing.JComponent.AccessibleJComponent |

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| **Nested classes/interfaces inherited from class java.awt.Container** |
| java.awt.Container.AccessibleAWTContainer |

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| **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 |

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| **Field Summary** | |
| static int | [**BLANK**](TwixtCell.html#BLANK) |
| private  javax.swing.ImageIcon | [**blankImageIcon**](TwixtCell.html#blankImageIcon) |
| static int | [**BLUE**](TwixtCell.html#BLUE) |
| private  javax.swing.ImageIcon | [**blueImageIcon**](TwixtCell.html#blueImageIcon) |
| private  int | [**col**](TwixtCell.html#col) |
| private  javax.swing.JLabel | [**content**](TwixtCell.html#content) |
| static int | [**RED**](TwixtCell.html#RED) |
| private  javax.swing.ImageIcon | [**redImageIcon**](TwixtCell.html#redImageIcon) |
| private  int | [**row**](TwixtCell.html#row) |

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| **Fields inherited from class javax.swing.JLabel** |
| labelFor |

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| --- |
| **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 |

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

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| **Fields inherited from interface 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 |

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

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| **Constructor Summary** | |
| [**TwixtCell**](TwixtCell.html#TwixtCell(int, int))(int row, int col) |  |
| [**TwixtCell**](TwixtCell.html#TwixtCell(java.awt.Point))(java.awt.Point point) |  |

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| **Method Summary** | |
| boolean | [**checkBorder**](TwixtCell.html#checkBorder(boolean))(boolean redPlayerTurn) |
| boolean | [**checkFreeSpace**](TwixtCell.html#checkFreeSpace())() |
| int | [**getCol**](TwixtCell.html#getCol())() |
| int | [**getRow**](TwixtCell.html#getRow())() |
| void | [**setBlank**](TwixtCell.html#setBlank())() |
| void | [**setContent**](TwixtCell.html#setContent(int))(int image) |

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| **Methods inherited from class javax.swing.JLabel** |
| checkHorizontalKey, checkVerticalKey, getAccessibleContext, getDisabledIcon, getDisplayedMnemonic, getDisplayedMnemonicIndex, getHorizontalAlignment, getHorizontalTextPosition, getIcon, getIconTextGap, getLabelFor, getText, getUI, getUIClassID, getVerticalAlignment, getVerticalTextPosition, imageUpdate, paramString, setDisabledIcon, setDisplayedMnemonic, setDisplayedMnemonic, setDisplayedMnemonicIndex, setHorizontalAlignment, setHorizontalTextPosition, setIcon, setIconTextGap, setLabelFor, setText, setUI, setVerticalAlignment, setVerticalTextPosition, updateUI |

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| **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, 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, isDoubleBuffered, isLightweightComponent, isManagingFocus, isOpaque, isOptimizedDrawingEnabled, isPaintingForPrint, isPaintingTile, isRequestFocusEnabled, isValidateRoot, 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 |

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| --- |
| **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, transferFocusBackward, transferFocusDownCycle, validate, validateTree |

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| **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, hide, 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, transferFocusUpCycle |

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

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| **Field Detail** |

**BLANK**

public static final int **BLANK**

**See Also:**

[Constant Field Values](constant-values.html#TwixtCell.BLANK)

**RED**

public static final int **RED**

**See Also:**

[Constant Field Values](constant-values.html#TwixtCell.RED)

**BLUE**

public static final int **BLUE**

**See Also:**

[Constant Field Values](constant-values.html#TwixtCell.BLUE)

**content**

private javax.swing.JLabel **content**

**redImageIcon**

private javax.swing.ImageIcon **redImageIcon**

**blueImageIcon**

private javax.swing.ImageIcon **blueImageIcon**

**blankImageIcon**

private javax.swing.ImageIcon **blankImageIcon**

**row**

private int **row**

**col**

private int **col**

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

**TwixtCell**

public **TwixtCell**(int row,

int col)

**TwixtCell**

public **TwixtCell**(java.awt.Point point)

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

**setBlank**

public void **setBlank**()

**getRow**

public int **getRow**()

**getCol**

public int **getCol**()

**setContent**

public void **setContent**(int image)

**checkFreeSpace**

public boolean **checkFreeSpace**()

**checkBorder**

public boolean **checkBorder**(boolean redPlayerTurn)

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](package-summary.html) | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
| [**PREV CLASS**](Twixt.html)   [**NEXT CLASS**](TwixtManual.html) | [**FRAMES**](index.html?TwixtCell.html)    [**NO FRAMES**](TwixtCell.html)  [**All Classes**](allclasses-noframe.html) |
| SUMMARY: [NESTED](#nested_classes_inherited_from_class_jav) | [FIELD](#field_summary) | [CONSTR](#constructor_summary) | [METHOD](#method_summary) | DETAIL: [FIELD](#field_detail) | [CONSTR](#constructor_detail) | [METHOD](#method_detail) |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](package-summary.html) | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
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**Class TwixtManual**

java.lang.Object

java.awt.Component

java.awt.Container

java.awt.Window

java.awt.Frame

javax.swing.JFrame

**TwixtManual**

**All Implemented Interfaces:**

java.awt.event.ActionListener, java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable, java.util.EventListener, javax.accessibility.Accessible, javax.swing.RootPaneContainer, javax.swing.WindowConstants

public class **TwixtManual**extends javax.swing.JFrameimplements java.awt.event.ActionListener

**See Also:**

[Serialized Form](serialized-form.html#TwixtManual)

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| **Nested Class Summary** |

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| --- |
| **Nested classes/interfaces inherited from class javax.swing.JFrame** |
| javax.swing.JFrame.AccessibleJFrame |

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| **Nested classes/interfaces inherited from class java.awt.Frame** |
| java.awt.Frame.AccessibleAWTFrame |

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| **Nested classes/interfaces inherited from class java.awt.Window** |
| java.awt.Window.AccessibleAWTWindow |

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| --- |
| **Nested classes/interfaces inherited from class java.awt.Container** |
| java.awt.Container.AccessibleAWTContainer |

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| --- |
| **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 |

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| **Field Summary** | |
| private  javax.swing.JTextArea | [**gameInfoText**](TwixtManual.html#gameInfoText) |
| private  javax.swing.JLabel | [**headingLabel**](TwixtManual.html#headingLabel) |
| private  javax.swing.ImageIcon | [**invalidMoveImageIcon**](TwixtManual.html#invalidMoveImageIcon) |
| private  javax.swing.ImageIcon | [**invalidMoveImageIcon2**](TwixtManual.html#invalidMoveImageIcon2) |
| private  javax.swing.JLabel | [**invalidMoveLabel**](TwixtManual.html#invalidMoveLabel) |
| private  javax.swing.JLabel | [**invalidMoveLabel2**](TwixtManual.html#invalidMoveLabel2) |
| private  javax.swing.JLabel | [**invalidMoveText**](TwixtManual.html#invalidMoveText) |
| private  javax.swing.JButton | [**okButton**](TwixtManual.html#okButton) |

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| **Fields inherited from class javax.swing.JFrame** |
| accessibleContext, EXIT\_ON\_CLOSE, rootPane, rootPaneCheckingEnabled |

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| **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 |

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

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| **Fields inherited from interface javax.swing.WindowConstants** |
| DISPOSE\_ON\_CLOSE, DO\_NOTHING\_ON\_CLOSE, HIDE\_ON\_CLOSE |

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

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| **Constructor Summary** | |
| [**TwixtManual**](TwixtManual.html#TwixtManual())() |  |

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| **Method Summary** | |
| void | [**actionPerformed**](TwixtManual.html#actionPerformed(java.awt.event.ActionEvent))(java.awt.event.ActionEvent event) |

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| **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 |

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| **Methods inherited from class java.awt.Frame** |
| addNotify, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, remove, removeNotify, setCursor, setExtendedState, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated |

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| **Methods inherited from class java.awt.Window** |
| addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, postEvent, processEvent, processWindowFocusEvent, processWindowStateEvent, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, 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, paint, paintComponents, preferredSize, print, printComponents, processContainerEvent, remove, removeAll, removeContainerListener, setComponentZOrder, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, transferFocusBackward, transferFocusDownCycle, validate, validateTree |

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| --- |
| **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, getBackground, getBaseline, getBaselineResizeBehavior, getBounds, getBounds, getColorModel, getComponentListeners, getComponentOrientation, getCursor, getDropTarget, getFocusListeners, getFocusTraversalKeysEnabled, getFont, getFontMetrics, getForeground, 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, isOpaque, 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, setBackground, setComponentOrientation, setDropTarget, setEnabled, setFocusable, setFocusTraversalKeysEnabled, setForeground, setIgnoreRepaint, setLocale, setLocation, setLocation, setMaximumSize, setName, setPreferredSize, show, size, toString, transferFocus, 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 |

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| --- |
| **Field Detail** |

**okButton**

private javax.swing.JButton **okButton**

**gameInfoText**

private javax.swing.JTextArea **gameInfoText**

**headingLabel**

private javax.swing.JLabel **headingLabel**

**invalidMoveLabel**

private javax.swing.JLabel **invalidMoveLabel**

**invalidMoveLabel2**

private javax.swing.JLabel **invalidMoveLabel2**

**invalidMoveText**

private javax.swing.JLabel **invalidMoveText**

**invalidMoveImageIcon**

private javax.swing.ImageIcon **invalidMoveImageIcon**

**invalidMoveImageIcon2**

private javax.swing.ImageIcon **invalidMoveImageIcon2**

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

**TwixtManual**

public **TwixtManual**()

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| **Method Detail** |

**actionPerformed**

public void **actionPerformed**(java.awt.event.ActionEvent event)

**Specified by:**

actionPerformed in interface java.awt.event.ActionListener

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](package-summary.html) | **Class** | [**Tree**](package-tree.html) | [**Deprecated**](deprecated-list.html) | [**Index**](index-all.html) | [**Help**](help-doc.html) | | |  |
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