

gui.sub

Class SearchForAppointmentUI

java.lang.Object
 java.awt.Component
 java.awt.Container
 java.awt.Window
 java.awt.Dialog
 javax.swing.JDialog
 gui.sub.SearchForAppointmentUI

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 SearchForAppointmentUI  
extends javax.swing.JDialog  
implements java.awt.event.ActionListener
```

Displays the pop up window that allows the user to search for the next available appointment.

See Also:

[Serialized Form](#)

Nested Class Summary

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

java.awt.Dialog.ModalExclusionType, java.awt.Dialog.ModalityType

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

java.awt.Window.Type

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

java.awt.Component.BaselineResizeBehavior

Field Summary

Fields inherited from class java.awt.Dialog

DEFAULT_MODALITY_TYPE

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, EXIT_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

SearchForAppointmentUI(java.lang.String name)

Constructor - creates the actual UI for the pop up window.

Method Summary

Methods

Modifier and Type	Method and Description
void	actionPerformed (java.awt.event.ActionEvent e) Checks if the Search or Cancel button has been hit.
static data.Appointment	ShowDialog (java.awt.Component owner) Makes the pop up window visible when the "Search for Next Available Appointment" button is clicked.

Methods inherited from class javax.swing.JDialog

getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setJMenuBar, setLayeredPane, setLayout, setTransferHandler, update

Methods inherited from class java.awt.Dialog

```
addNotify, getModalityType, getTitle, hide, isModal, isResizable, isUndecorated,
setBackground, setModal, setModalityType, setOpacity, setResizable, setShape, setTitle,
setUndecorated, setVisible, show, toBack
```

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,
isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isAutoRequestFocus, isFocusableWindow,
isFocusCycleRoot, isFocused, isLocationByPlatform, isOpaque, isShowing, isValidRoot,
pack, paint, postEvent, removeNotify, removeWindowFocusListener, removeWindowListener,
removeWindowStateListener, reshape, setAlwaysOnTop, setAutoRequestFocus, setBounds,
setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage,
setIconImages, setLocation, setLocation, setLocationByPlatform, setLocationRelativeTo,
setMinimumSize, setModalExclusionType, setSize, setSize, setType, 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, remove, removeAll, removeContainerListener, setComponentZOrder,
setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider,
setFont, transferFocusDownCycle, validate
```

Methods inherited from class java.awt.Component

```
action, add, addComponentListener, addFocusListener, addHierarchyBoundsListener,
addHierarchyListener, addInputMethodListener, addKeyListener, addMouseListener,
addMouseMotionListener, addMouseWheelListener, bounds, checkImage, checkImage,
contains, contains, createImage, createImage, createVolatileImage, createVolatileImage,
disable, dispatchEvent, enable, enable, enableInputMethods, 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, getKeyListener, 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, remove, removeComponentListener, removeFocusListener,
removeHierarchyBoundsListener, removeHierarchyListener, removeInputMethodListener,
removeKeyListener, removeMouseListener, removeMouseMotionListener,
removeMouseWheelListener, removePropertyChangeListener, removePropertyChangeListener,
repaint, repaint, repaint, requestFocus, 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

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

Constructor Detail

SearchForAppointmentUI

```
public SearchForAppointmentUI(java.lang.String name)
```

Constructor - creates the actual UI for the pop up window.

Parameters:

name -- the title to be displayed at the top bar of the GUI

Method Detail

ShowDialog

```
public static data.Appointment ShowDialog(java.awt.Component owner)
```

Makes the pop up window visible when the "Search for Next Available Appointment" button is clicked.

Parameters:

owner -- the component that owns this pane (the SearchPane)

Returns:

an appointment

actionPerformed

```
public void actionPerformed(java.awt.event.ActionEvent e)
```

Checks if the Search or Cancel button has been hit. If conducting a search, the input information is sent to the search manager for processing. The window is then closed.

Specified by:

actionPerformed in interface `java.awt.event.ActionListener`

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