JavaScript is disabled on your browser.

* [Package](http://docs.google.com/com/learningtree/crs471/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/MusicDetailsDialog.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Prev Class](http://docs.google.com/com/learningtree/crs471/MusicDataAccessor.html)
* [Next Class](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.OkButtonActionListener.html)
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com.learningtree.crs471

## Class MusicDetailsDialog

* java.lang.Object
  + java.awt.Component
    - java.awt.Container
      * java.awt.Window
        + java.awt.Dialog

javax.swing.JDialog

com.learningtree.crs471.MusicDetailsDialog

* All Implemented Interfaces: ImageObserver, MenuContainer, Serializable, Accessible, RootPaneContainer, WindowConstants  
    
  public class MusicDetailsDialog  
  extends JDialog  
  This class displays the details of a music recording. It shows the artist's name, recording title and price. Also, the dialog shows an image of the recording along with its track list.  
  Usage Example:  
   MusicDetailsDialog myDetailsDialog = new MusicDetailsDialog(myParentContainer, myRecording);  
   myDetailsDialog.setVisible(true);  
    
   Author: 471 Development Team See Also:[Serialized Form](http://docs.google.com/serialized-form.html#com.learningtree.crs471.MusicDetailsDialog)

### Nested Class SummaryNested Classes

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + (package private) class | * + [**MusicDetailsDialog.OkButtonActionListener**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.OkButtonActionListener.html) Closes the dialog when ok button is pressed |

### Nested classes/interfaces inherited from class javax.swing.JDialogJDialog.AccessibleJDialog

### Nested classes/interfaces inherited from class java.awt.DialogDialog.AccessibleAWTDialog, Dialog.ModalExclusionType, Dialog.ModalityType

### Nested classes/interfaces inherited from class java.awt.WindowWindow.AccessibleAWTWindow, Window.Type

### Nested classes/interfaces inherited from class java.awt.ContainerContainer.AccessibleAWTContainer

### Nested classes/interfaces inherited from class java.awt.ComponentComponent.AccessibleAWTComponent, Component.BaselineResizeBehavior, Component.BltBufferStrategy, Component.FlipBufferStrategy

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + protected [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) | * + [**myRecording**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#myRecording) A holder for the music recording that is passed in during construction |
| * + protected Container | * + [**parentContainer**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#parentContainer) A holder for the parent frame that is passed in during construction |
| * + private static long | * + [**serialVersionUID**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#serialVersionUID) Serial version ID |

### Fields inherited from class javax.swing.JDialogaccessibleContext, rootPane, rootPaneCheckingEnabled

### Fields inherited from class java.awt.DialogDEFAULT\_MODALITY\_TYPE

### Fields inherited from class java.awt.ComponentBOTTOM\_ALIGNMENT, CENTER\_ALIGNMENT, LEFT\_ALIGNMENT, RIGHT\_ALIGNMENT, TOP\_ALIGNMENT

### Fields inherited from interface javax.swing.WindowConstantsDISPOSE\_ON\_CLOSE, DO\_NOTHING\_ON\_CLOSE, EXIT\_ON\_CLOSE, HIDE\_ON\_CLOSE

### Fields inherited from interface java.awt.image.ImageObserverABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [**MusicDetailsDialog**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#MusicDetailsDialog(javax.swing.JFrame,%20com.learningtree.crs471.MusicRecording))(JFrame theParentContainer, [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) theMusicRecording) Constructs a modal dialog for a given music recording. |
| * + [**MusicDetailsDialog**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#MusicDetailsDialog(javax.swing.JFrame,%20java.lang.String,%20com.learningtree.crs471.MusicRecording))(JFrame theParentContainer, String theTitle, [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) theMusicRecording) Constructs a modal dialog for a given music recording. |

### Method SummaryMethods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + private void | * + [**buildGui**](http://docs.google.com/com/learningtree/crs471/MusicDetailsDialog.html#buildGui())() This method covers the details of creating and arranging the dialog components. |

### Methods inherited from class javax.swing.JDialogaddImpl, createRootPane, dialogInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

### Methods inherited from class java.awt.DialogaddNotify, getModalityType, getTitle, hide, isModal, isResizable, isUndecorated, setBackground, setModal, setModalityType, setOpacity, setResizable, setShape, setTitle, setUndecorated, setVisible, show, toBack

### Methods inherited from class java.awt.WindowaddPropertyChangeListener, 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, isValidateRoot, pack, paint, postEvent, processEvent, processWindowFocusEvent, processWindowStateEvent, 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.Containeradd, 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.Componentaction, 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, remove, 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.Objectclone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

### Field Detail

#### myRecording protected [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) myRecording A holder for the music recording that is passed in during construction

#### parentContainer protected Container parentContainer A holder for the parent frame that is passed in during construction

#### serialVersionUID private static final long serialVersionUID Serial version IDSee Also:[Constant Field Values](http://docs.google.com/constant-values.html#com.learningtree.crs471.MusicDetailsDialog.serialVersionUID)

### Constructor Detail

#### MusicDetailsDialog public MusicDetailsDialog(JFrame theParentContainer, [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) theMusicRecording) Constructs a modal dialog for a given music recording. This version uses the artist name and recording title for the dialog title.Parameters:theParentContainer - the parent frame for this dialogtheMusicRecording - the music recording to display

#### MusicDetailsDialog public MusicDetailsDialog(JFrame theParentContainer, String theTitle, [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html) theMusicRecording) Constructs a modal dialog for a given music recording. This version allows you to customize the titleParameters:theParentContainer - the parent frame for this dialogtheTitle - the title of the dialogtheMusicRecording - the music recording to display

### Method Detail

#### buildGui private void buildGui() This method covers the details of creating and arranging the dialog components.

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* [Index](http://docs.google.com/index-all.html)
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