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/MusicPanel.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/MusicDetailsDialog.OkButtonActionListener.html)
* [Next Class](http://docs.google.com/com/learningtree/crs471/MusicPanel.GoActionListener.html)
* [Frames](http://docs.google.com/index.html?com/learningtree/crs471/MusicPanel.html)
* [No Frames](http://docs.google.com/MusicPanel.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* [Nested](#3znysh7) |
* [Field](#4d34og8) |
* [Constr](#26in1rg) |
* [Method](#35nkun2)
* Detail:
* [Field](#3j2qqm3) |
* [Constr](#2p2csry) |
* Method

com.learningtree.crs471

## Class MusicPanel

* java.lang.Object
  + java.awt.Component
    - java.awt.Container
      * javax.swing.JComponent
        + javax.swing.JPanel

com.learningtree.crs471.MusicPanel

* All Implemented Interfaces: ImageObserver, MenuContainer, Serializable, Accessible  
    
  public class MusicPanel  
  extends JPanel  
  This panel is responsible for displaying music recordings. It contains a combo box for selecting the category. Once a category is selected then a list of music recordings are displayed in a list box.Author: 471 Development Team See Also:[Serialized Form](http://docs.google.com/serialized-form.html#com.learningtree.crs471.MusicPanel)

### Nested Class SummaryNested Classes

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + (package private) class | * + [**MusicPanel.GoActionListener**](http://docs.google.com/com/learningtree/crs471/MusicPanel.GoActionListener.html) |

### Nested classes/interfaces inherited from class javax.swing.JPanelJPanel.AccessibleJPanel

### Nested classes/interfaces inherited from class javax.swing.JComponentJComponent.AccessibleJComponent

### 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 JPanel | * + [**bottomPanel**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#bottomPanel) |
| * + protected JComboBox<Object> | * + [**categoryComboBox**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#categoryComboBox) |
| * + protected JButton | * + [**detailsButton**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#detailsButton) |
| * + protected JButton | * + [**exitButton**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#exitButton) |
| * + protected JList | * + [**musicListBox**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#musicListBox) |
| * + protected JScrollPane | * + [**musicScrollPane**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#musicScrollPane) |
| * + protected [MusicDataAccessor](http://docs.google.com/com/learningtree/crs471/MusicDataAccessor.html) | * + [**myDataAccessor**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#myDataAccessor) |
| * + protected [MainFrame](http://docs.google.com/com/learningtree/crs471/MainFrame.html) | * + [**parentFrame**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#parentFrame) |
| * + protected JLabel | * + [**selectionLabel**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#selectionLabel) |
| * + protected JPanel | * + [**topPanel**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#topPanel) |

### Fields inherited from class javax.swing.JComponentaccessibleContext, 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.ComponentBOTTOM\_ALIGNMENT, CENTER\_ALIGNMENT, LEFT\_ALIGNMENT, RIGHT\_ALIGNMENT, TOP\_ALIGNMENT

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

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [**MusicPanel**](http://docs.google.com/com/learningtree/crs471/MusicPanel.html#MusicPanel(com.learningtree.crs471.MainFrame))([MainFrame](http://docs.google.com/com/learningtree/crs471/MainFrame.html) theParentFrame) Creates the GUI components and arranges them in the container. |

### Method Summary

### Methods inherited from class javax.swing.JPanelgetAccessibleContext, getUI, getUIClassID, paramString, setUI, updateUI

### Methods inherited from class javax.swing.JComponentaddAncestorListener, 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, isPaintingOrigin, 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

### Methods inherited from class java.awt.Containeradd, 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.Componentaction, 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, 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.Objectclone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

### Field Detail

#### selectionLabel protected JLabel selectionLabel

#### categoryComboBox protected JComboBox<Object> categoryComboBox

#### topPanel protected JPanel topPanel

#### musicListBox protected JList musicListBox

#### musicScrollPane protected JScrollPane musicScrollPane

#### detailsButton protected JButton detailsButton

#### exitButton protected JButton exitButton

#### bottomPanel protected JPanel bottomPanel

#### parentFrame protected [MainFrame](http://docs.google.com/com/learningtree/crs471/MainFrame.html) parentFrame

#### myDataAccessor protected [MusicDataAccessor](http://docs.google.com/com/learningtree/crs471/MusicDataAccessor.html) myDataAccessor

### Constructor Detail

#### MusicPanel public MusicPanel([MainFrame](http://docs.google.com/com/learningtree/crs471/MainFrame.html) theParentFrame) Creates the GUI components and arranges them in the container.

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* [Nested](#3znysh7) |
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* [Field](#3j2qqm3) |
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