View Class Diagram

HomeAudioSystemPage

- <u>SERIAL_VERSION_UID:long</u>
- locationButton: JButton
- libraryButton: JButton

- initComponents(): void
- locationButtonActionPerformed(ActionEvent): void
- libraryButtonActionPerformed(ActionEvent): void

Location View

LocationPage

- <u>SERIAL_VERSION_UID:long</u>
- errorMessage:Jlabel
- locationNameLabel:JLabel
- locationNameTextField:JTextField
- volumeLabel:JLabel
- volumeSlider:JSlider
- isMuteLabel:JLabel
- isMuteCheckbox:Checkbox
- addLocationButton:JButton
- locationsLabel:JLabel
- locationsTable:JTable
- locationsScrollPane:JScrollPane
- error:String

- initComponents(): void
- refreshData(): void
- addLocationButtonActionPerformed
(ActionEvent): void

AddMusicToLocationPage

- <u>SERIAL_VERSION_UID:long</u>
- librarySongsTable:JTable
- librarySongsScrollPane:JScrollPane
- libraryAlbumsTable:JTable
- libraryAlbumsScrollPane:JScrollPane
- libraryPlaylistsTable:JTable
- libraryPlaylistsScrollPane:JScrollPane

- initComponents(): void
- refreshData(): void
- addMusicButtonActionPerformed
(ActionEvent): void

PlayPauseStreamPage

- <u>SERIAL_VERSION_UID:long</u>
- error:JLabel
- songPlaying:JLabel
- albumPlayling:JLabel
- artistPlaying:JLabel
- amountPlayedSoFar:JLabel
- songDuration:JLabel
- playPauseButton:JButton

- initComponents(): void
- refreshData(): void
- playButtonActionPerformed
(ActionEvent): void
- pauseButtonActionPerformed
(ActionEvent): void

AdjustVolumePage

- <u>SERIAL_VERSION_UID:long</u>
- volumeLabel:JLabel
- volumeSlider:JSlider
- isMuteLabel:JLabel
- isMuteCheckbox:Checkbox

- initComponents(): void
- refreshData(): void
- isMuteCheckboxActionPerformed
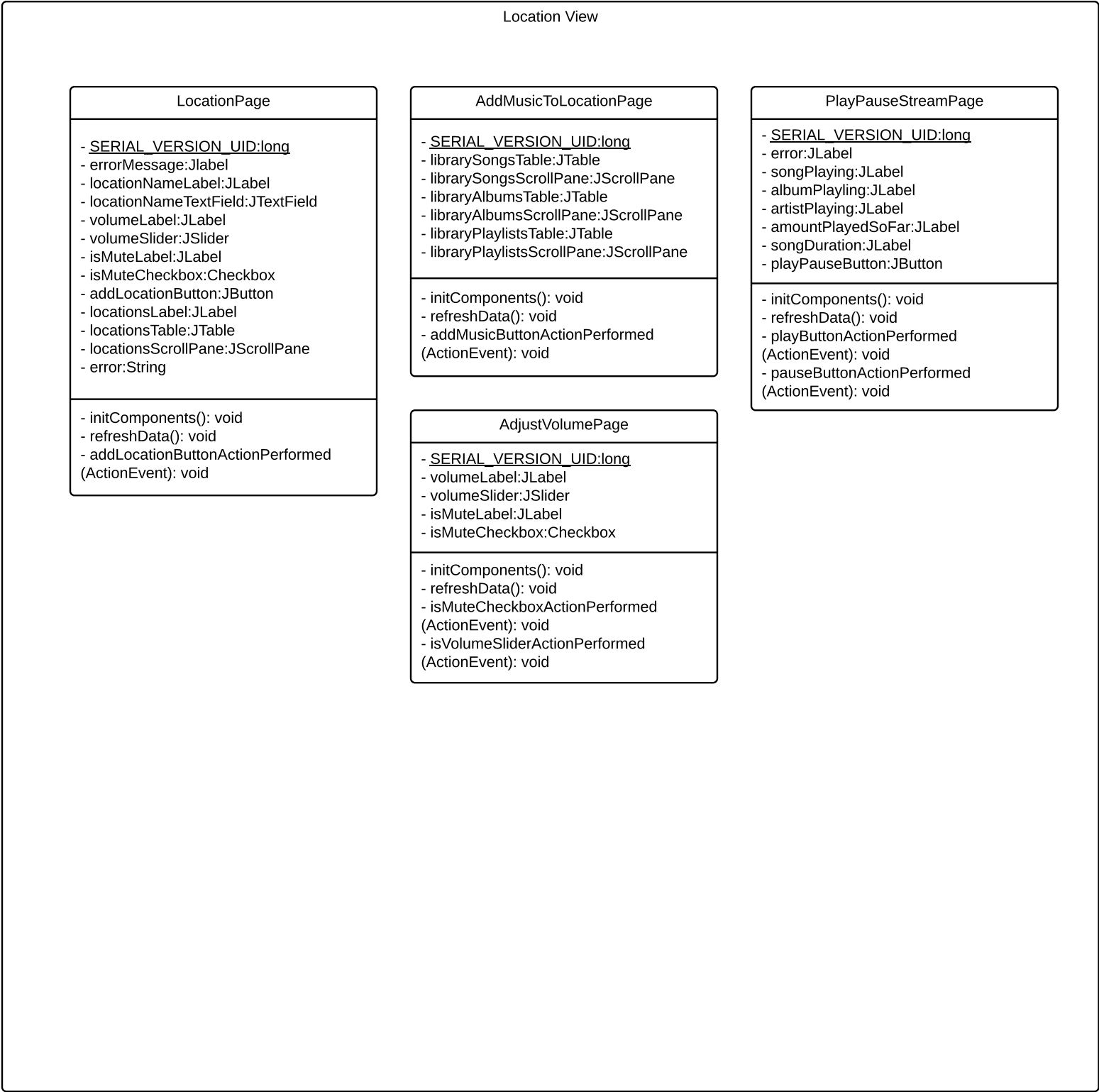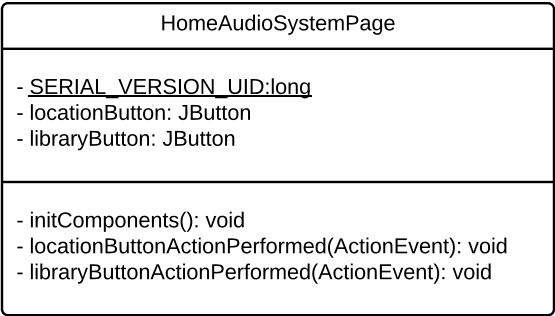(ActionEvent): void
- isVolumeSliderActionPerformed
(ActionEvent): void

Library View

AddAlbumPage

- SERIAL_VERSION_UID:long
- errorMessage:JLabel
- genreList:JComboBox<String>
- genreLabel:JLabel
- albumNameTextField:JTextField
- albumNameLabel:JLabel
- artistNameTextField:JTextField
- artistNameLabel:JLabel
- releaseDatePicker:JDatePickerImpl
- releaseDateLabel:JLabel
- addAlbumButton:JButton
- songsTable:JTable
- songScrollPane:JScrollPane
- songNameLabel:JLabel
- songNameTextField:JTextField
- songDurationSpinner:JSpinner
- songDurationLabel:JLabel
- addSongButton:JButton
- error:String
- selectedGenre:Integer
- genres:HashMap<Integer, Genres>

- initComponents(): void
- refreshData(): void
- addAlbumButtonActionPerformed
(ActionEvent): void
- addSongButtonActionPerformed
(ActionEvent): void

AddSongToPlaylistPage

- SERIAL_VERSION_UID:long
- errorMessage:JLabel
- songLabel:JLabel
- songList:JComboBox<String>
- playlistLabel:JLabel
- playlistList:JComboBox<String>
- addSongToPlaylistButton:JButton
- error:String
- selectedSong:Integer
- songs:HashMap<Integer, Song>
- selectedPlaylist:Integer
- playlists:HashMap<Integer, Playlist>

- initComponents(): void
- refreshData(): void
- addSongToPlaylistButtonActionPerformed
(ActionEvent): void

CreatePlaylistPage

- SERIAL_VERSION_UID:long
- errorMessage:JLabel
- playlistNameLabel:JLabel
- playlistNameTextField:JTextField
- songLabel:JLabel
- songList:JComboBox<String>
- addPlaylistButton:JButton
- addSongButton:JButton
- songsTable:JTable
- songScrollPane:JScrollPane

- initComponents(): void
- refreshData(): void
- addSongButtonActionPerformed
(ActionEvent): void
- addPlaylistButtonActionPerformed
(ActionEvent): void

LibraryPage

- SERIAL_VERSION_UID:long
- addAlbumButton:JButton
- createPlaylistButton:JButton
- addSongToPlaylistButton:JButton

- initComponents(): void
- addAlbumButtonActionPerformed
(ActionEvent): void
- createPlaylistButtonActoinPerformed
(ActionEvent): void
- addSongToPlaylistButtonActionPerformed
(ActionEvent): void

DateLabelFormatter

- SERIAL_VERSION_UID:long
- datePattern:String
- dateFormatter:SimpleDateFormat

+ stringToValue(text: String): Object
+ valueToString(value: Object):
Object

DeleteLibraryItemsPage

- SERIAL_VERSION_UID:long

- initComponents(): void
- refreshData(): void