

# My Project

Generated by Doxygen 1.8.9.1

Wed Apr 22 2015 19:15:40



# Contents



# Chapter 1

## Hierarchical Index

### 1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

OnCompletionListener	
com.chopin.MusicService . . . . .	??
OnDoubleTapListener	
com.chopin.MainActivity . . . . .	??
OnErrorListener	
com.chopin.MusicService . . . . .	??
OnGestureListener	
com.chopin.MainActivity . . . . .	??
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## Chapter 2

# Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">com.chopin.MainActivity</a>	??
<a href="#">com.chopin.MusicService.MusicBinder</a>	??
<a href="#">com.chopin.MusicController</a>	??
<a href="#">com.chopin.MusicService</a>	??
<a href="#">com.chopin.SimpleGestureFilter</a>	??
<a href="#">com.chopin.Song</a>	??
<a href="#">com.chopin.SongAdapter</a>	??



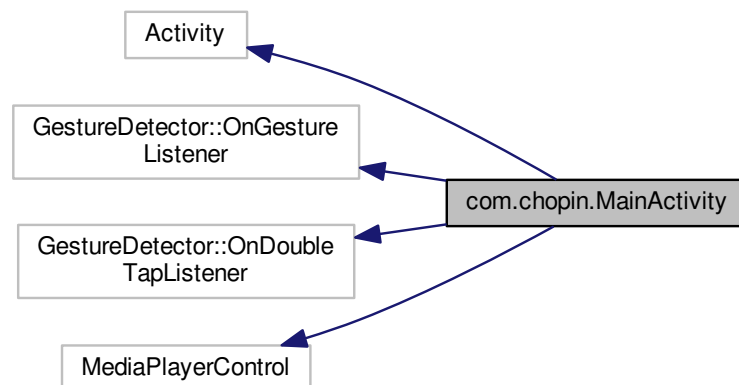


## Chapter 3

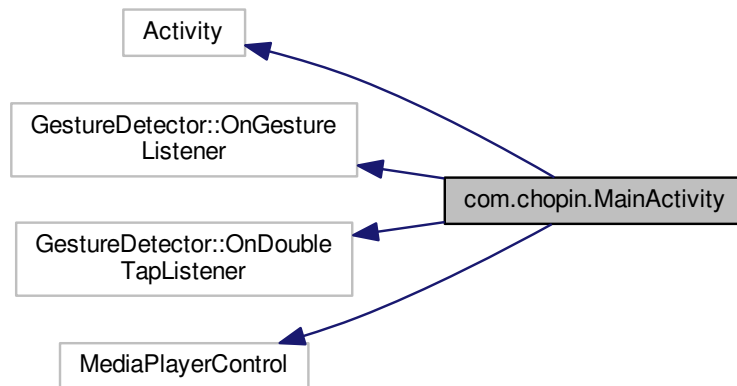
# Class Documentation

### 3.1 com.chopin.MainActivity Class Reference

Inheritance diagram for com.chopin.MainActivity:



Collaboration diagram for com.chopin.MainActivity:



## Public Member Functions

- boolean [onTouchEvent](#) (MotionEvent event)
- boolean [onDown](#) (MotionEvent event)
- boolean [onFling](#) (MotionEvent event1, MotionEvent event2, float velocityX, float velocityY)
- void [onLongPress](#) (MotionEvent event)
- boolean [onScroll](#) (MotionEvent e1, MotionEvent e2, float distanceX, float distanceY)
- void [onShowPress](#) (MotionEvent event)
- boolean [onSingleTapUp](#) (MotionEvent event)
- boolean [onDoubleTap](#) (MotionEvent event)
- boolean [onDoubleTapEvent](#) (MotionEvent event)
- boolean [onSingleTapConfirmed](#) (MotionEvent event)
- boolean [onCreateOptionsMenu](#) (Menu menu)
- boolean [onOptionsItemSelected](#) (MenuItem item)
- void **getSongList** ()
- void **start** ()
- void **pause** ()
- int **getDuration** ()
- int **getCurrentPosition** ()
- void **seekTo** (int pos)
- boolean **isPlaying** ()
- int **getBufferPercentage** ()
- boolean **canPause** ()
- boolean **canSeekBackward** ()
- boolean **canSeekForward** ()
- int **getAudioSessionId** ()
- void [songPicked](#) (View view)

## Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void **onStart** ()
- void **onDestroy** ()

- void **onPause** ()
- void **onResume** ()
- void **onStop** ()

### 3.1.1 Member Function Documentation

3.1.1.1 void com.chopin.MainActivity.onCreate ( Bundle *savedInstanceState* ) [inline],[protected]

Parameters

<i>savedInstanceState</i> ↔ State	
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3.1.1.2 boolean com.chopin.MainActivity.onCreateOptionsMenu ( Menu *menu* ) [inline]

Parameters

<i>menu</i>	
-------------	--

Returns

3.1.1.3 boolean com.chopin.MainActivity.onDoubleTap ( MotionEvent *event* ) [inline]

Parameters

<i>event</i>	
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Returns

3.1.1.4 boolean com.chopin.MainActivity.onDoubleTapEvent ( MotionEvent *event* ) [inline]

Parameters

<i>event</i>	
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Returns

3.1.1.5 boolean com.chopin.MainActivity.onDown ( MotionEvent *event* ) [inline]

Parameters

<i>event</i>	
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## Returns

3.1.1.6 `boolean com.chopin.MainActivity.onFling ( MotionEvent event1, MotionEvent event2, float velocityX, float velocityY )` `[inline]`

## Parameters

<i>event1</i>	
<i>event2</i>	
<i>velocityX</i>	
<i>velocityY</i>	

## Returns

3.1.1.7 `void com.chopin.MainActivity.onLongPress ( MotionEvent event )` `[inline]`

## Parameters

<i>event</i>	
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3.1.1.8 `boolean com.chopin.MainActivity.onOptionsItemSelected ( MenuItem item )` `[inline]`

## Parameters

<i>item</i>	
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## Returns

3.1.1.9 `boolean com.chopin.MainActivity.onScroll ( MotionEvent e1, MotionEvent e2, float distanceX, float distanceY )` `[inline]`

## Parameters

<i>e1</i>	
<i>e2</i>	
<i>distanceX</i>	
<i>distanceY</i>	

## Returns

3.1.1.10 `void com.chopin.MainActivity.onShowPress ( MotionEvent event )` `[inline]`

## Parameters

<i>event</i>	
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3.1.1.11 `boolean com.chopin.MainActivity.onSingleTapConfirmed ( MotionEvent event )` `[inline]`

## Parameters

<i>event</i>	
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## Returns

3.1.1.12 `boolean com.chopin.MainActivity.onSingleTapUp ( MotionEvent event )` `[inline]`

## Parameters

<i>event</i>	
--------------	--

## Returns

3.1.1.13 `boolean com.chopin.MainActivity.onTouchEvent ( MotionEvent event )` `[inline]`

## Parameters

<i>event</i>	
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## Returns

3.1.1.14 `void com.chopin.MainActivity.songPicked ( View view )` `[inline]`

## Parameters

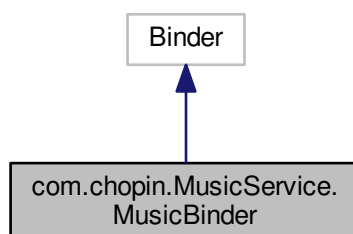
<i>view</i>	
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The documentation for this class was generated from the following file:

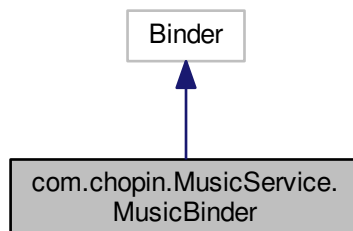
- MainActivity.java

## 3.2 com.chopin.MusicService.MusicBinder Class Reference

Inheritance diagram for com.chopin.MusicService.MusicBinder:



Collaboration diagram for com.chopin.MusicService.MusicBinder:

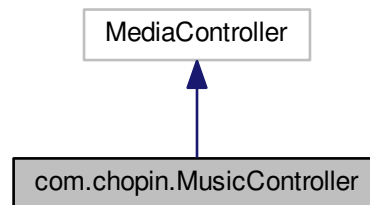


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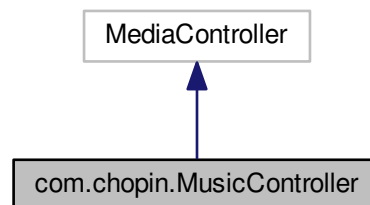
- MusicService.java

### 3.3 com.chopin.MusicController Class Reference

Inheritance diagram for com.chopin.MusicController:



Collaboration diagram for com.chopin.MusicController:



#### Public Member Functions

- **MusicController** (Context c)
- void **hide** ()

#### 3.3.1 Detailed Description

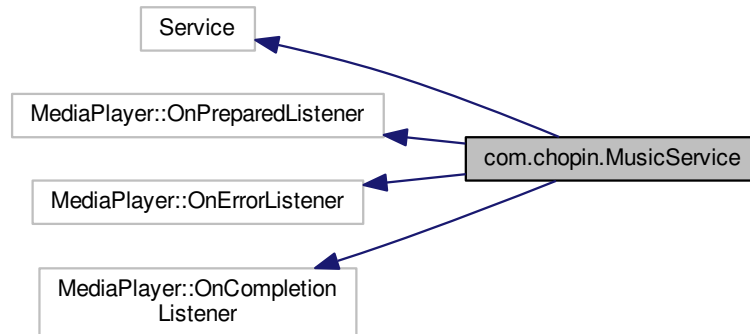
Created by branden on 3/4/15.

The documentation for this class was generated from the following file:

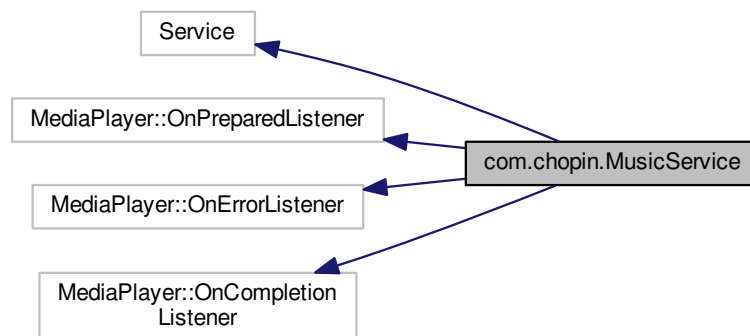
- MusicController.java

### 3.4 com.chopin.MusicService Class Reference

Inheritance diagram for com.chopin.MusicService:



Collaboration diagram for com.chopin.MusicService:



#### Classes

- class [MusicBinder](#)

#### Public Member Functions

- void **onCreate** ()
- void **initMediaPlayer** ()
- void **setList** (ArrayList< [Song](#) > theSongs)
- IBinder **onBind** (Intent arg0)
- boolean **onUnbind** (Intent intent)
- void **onCompletion** (MediaPlayer mp)
- boolean **onError** (MediaPlayer mp, int what, int extra)



- void **onPrepared** (MediaPlayer mp)
- void **setSong** (int songIndex)
- void **playSong** ()
- int **getPosn** ()
- int **getDur** ()
- boolean **isPng** ()
- void **pausePlayer** ()
- void **seek** (int posn)
- void **go** ()
- void **playPrev** ()
- void **playNext** ()
- void **onDestroy** ()

### 3.4.1 Detailed Description

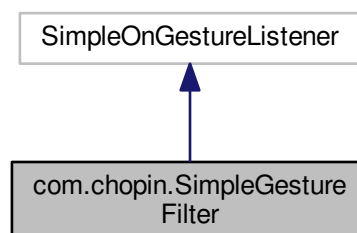
Created by branden on 3/4/15.

The documentation for this class was generated from the following file:

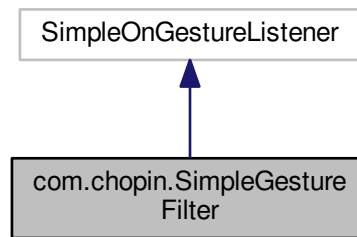
- MusicService.java

## 3.5 com.chopin.SimpleGestureFilter Class Reference

Inheritance diagram for com.chopin.SimpleGestureFilter:



Collaboration diagram for com.chopin.SimpleGestureFilter:



## Classes

- interface **SimpleGestureListener**

## Public Member Functions

- **SimpleGestureFilter** (Activity context, SimpleGestureListener sgl)
- void **onTouchEvent** (MotionEvent event)
- void **setMode** (int m)
- int **getMode** ()
- void **setEnabled** (boolean status)
- void **setSwipeMaxDistance** (int distance)
- void **setSwipeMinDistance** (int distance)
- void **setSwipeMinVelocity** (int distance)
- int **getSwipeMaxDistance** ()
- int **getSwipeMinDistance** ()
- int **getSwipeMinVelocity** ()
- boolean **onFling** (MotionEvent e1, MotionEvent e2, float velocityX, float velocityY)
- boolean **onSingleTapUp** (MotionEvent e)
- boolean **onDoubleTap** (MotionEvent arg)
- boolean **onDoubleTapEvent** (MotionEvent arg)
- boolean **onSingleTapConfirmed** (MotionEvent arg)

## Static Public Attributes

- static final int **SWIPE\_UP** = 1
- static final int **SWIPE\_DOWN** = 2
- static final int **SWIPE\_LEFT** = 3
- static final int **SWIPE\_RIGHT** = 4
- static final int **MODE\_TRANSPARENT** = 0
- static final int **MODE\_SOLID** = 1
- static final int **MODE\_DYNAMIC** = 2

### 3.5.1 Detailed Description

Created by mason on 4/14/2015.

The documentation for this class was generated from the following file:

- SimpleGestureFilter.java

## 3.6 com.chopin.Song Class Reference

### Public Member Functions

- **Song** (long songID, String songTitle, String songArtist)
- long **getID** ()
- String **getTitle** ()
- String **getArtist** ()
- [Song](#) **nextSong** ()

### 3.6.1 Detailed Description

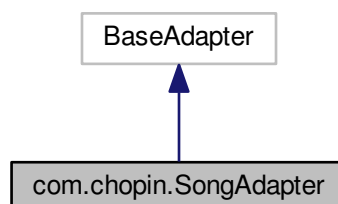
Created by branden on 2/27/15.

The documentation for this class was generated from the following file:

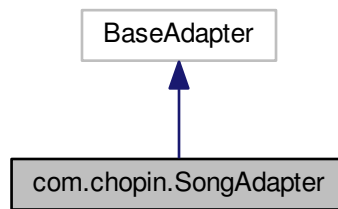
- Song.java

## 3.7 com.chopin.SongAdapter Class Reference

Inheritance diagram for com.chopin.SongAdapter:



Collaboration diagram for com.chopin.SongAdapter:



### Public Member Functions

- **SongAdapter** (Context c, ArrayList< [Song](#) > theSongs)
- int **getCount** ()
- Object **getItem** (int arg0)
- long **getItemId** (int arg0)
- View **getView** (int position, View convertView, ViewGroup parent)

#### 3.7.1 Detailed Description

Created by branden on 2/27/15.

The documentation for this class was generated from the following file:

- SongAdapter.java