

com.example.heartrateadjuster

Class AudioSystemFake

java.lang.Object
com.example.heartrateadjuster.AudioSystemFake

All Implemented Interfaces:

IAudioSystem

```
public class AudioSystemFake
extends java.lang.Object
implements IAudioSystem
```

Constructor Summary

Constructors
Constructor and Description
AudioSystemFake()

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
java.lang.String	getNowPlaying()	
void	setTargetHeartRate(int target)	
void	skipTrack()	
void	togglePlayback()	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

AudioSystemFake

```
public AudioSystemFake()
```

Method Detail

setTargetHeartRate

```
public void setTargetHeartRate(int target)
```

Specified by:

[setTargetHeartRate](#) in interface [IAudioSystem](#)

skipTrack

```
public void skipTrack()
```

Specified by:

[skipTrack](#) in interface [IAudioSystem](#)

togglePlayback

```
public void togglePlayback()
```

Specified by:

[togglePlayback](#) in interface [IAudioSystem](#)

getNowPlaying

```
public java.lang.String getNowPlaying()
```

Specified by:

[getNowPlaying](#) in interface [IAudioSystem](#)

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class BuildConfig

java.lang.Object
com.example.heartrateadjuster.BuildConfig

```
public final class BuildConfig
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
static java.lang.String	BUILD_TYPE
static boolean	DEBUG
static java.lang.String	FLAVOR
static java.lang.String	PACKAGE_NAME
static int	VERSION_CODE
static java.lang.String	VERSION_NAME

Constructor Summary

Constructors

Constructor and Description
BuildConfig()

Method Summary

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

DEBUG

```
public static final boolean DEBUG
```

PACKAGE_NAME

```
public static final java.lang.String PACKAGE_NAME
```

See Also:

[Constant Field Values](#)

BUILD_TYPE

```
public static final java.lang.String BUILD_TYPE
```

See Also:

[Constant Field Values](#)

FLAVOR

```
public static final java.lang.String FLAVOR
```

See Also:

[Constant Field Values](#)

VERSION_CODE

```
public static final int VERSION_CODE
```

See Also:

[Constant Field Values](#)

VERSION_NAME

```
public static final java.lang.String VERSION_NAME
```

See Also:

[Constant Field Values](#)

Constructor Detail

BuildConfig

```
public BuildConfig()
```

PACKAGE

CLASS

USE

TREE

DEPRECATED

INDEX

HELP

PREV CLASS

NEXT CLASS

FRAMES

NO FRAMES

ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD

DETAIL: FIELD | CONSTR | METHOD

com.example.heartrateadjuster

Class ChestStrapFake

java.lang.Object
com.example.heartrateadjuster.ChestStrapFake

All Implemented Interfaces:
IHeartRateDevice

```
public class ChestStrapFake
extends java.lang.Object
implements IHeartRateDevice
```

Constructor Summary

Constructors
Constructor and Description
ChestStrapFake()

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
int	getCurrentHeartRate()	
void	setCurrentHeartRate(int heartrate)	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ChestStrapFake

```
public ChestStrapFake()
```

Method Detail

getCurrentHeartRate

```
public int getCurrentHeartRate()
```

Specified by:

`getCurrentHeartRate` in interface `IHeartRateDevice`

setCurrentHeartRate

```
public void setCurrentHeartRate(int heartrate)
```

[PACKAGE](#) **CLASS** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Interface IAudioSystem

All Known Implementing Classes:

AudioSystemFake

```
public interface IAudioSystem
```

Method Summary

All Methods	Instance Methods	Abstract Methods
Modifier and Type	Method and Description	
java.lang.String	getNowPlaying()	
void	setTargetHeartRate(int target)	
void	skipTrack()	
void	togglePlayback()	

Method Detail

setTargetHeartRate
void setTargetHeartRate(int target)
skipTrack
void skipTrack()
togglePlayback
void togglePlayback()
getNowPlaying


```
java.lang.String getNowPlaying()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Interface IHeartRateDevice

All Known Implementing Classes:

ChestStrapFake

```
public interface IHeartRateDevice
```

Method Summary

- All Methods
- Instance Methods
- Abstract Methods

Modifier and Type	Method and Description
int	<code>getCurrentHeartRate()</code>

Method Detail

getCurrentHeartRate

```
int getCurrentHeartRate()
```

com.example.heartrateadjuster

Class MainActivity

java.lang.Object
Activity
com.example.heartrateadjuster.MainActivity

```
public class MainActivity
extends Activity
```

Field Summary

Fields	
Modifier and Type	Field and Description
IAudioSystem	audioSystem
IHeartRateDevice	chestStrap

Constructor Summary

Constructors	
Constructor and Description	
MainActivity()	

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
protected void	onCreate(Bundle savedInstanceState)	
boolean	onCreateOptionsMenu(Menu menu)	
boolean	onOptionsItemSelected(MenuItem item)	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

chestStrap

```
public IHeartRateDevice chestStrap
```

audioSystem

```
public IAudioSystem audioSystem
```

Constructor Detail

MainActivity

```
public MainActivity()
```

Method Detail

onCreate

```
protected void onCreate(Bundle savedInstanceState)
```

onCreateOptionsMenu

```
public boolean onCreateOptionsMenu(Menu menu)
```

onOptionsItemSelected

```
public boolean onOptionsItemSelected(MenuItem item)
```


Interfaces

IAudioSystem
IHeartRateDevice

Classes

AudioSystemFake
BuildConfig
ChestStrapFake
MainActivity
R
R.attr
R.color
R.dimen
R.drawable
R.id
R.layout
R.menu
R.string
R.style

Package com.example.heartrateadjuster

Interface Summary	
Interface	Description
IAudioSystem	
IHeartRateDevice	

Class Summary	
Class	Description
AudioSystemFake	
BuildConfig	
ChestStrapFake	
MainActivity	
R	
R.attr	
R.color	
R.dimen	
R.drawable	
R.id	
R.layout	
R.menu	
R.string	
R.style	

Hierarchy For Package `com.example.heartrateadjuster`

Class Hierarchy

- `java.lang.Object`
 - `Activity`
 - `com.example.heartrateadjuster.MainActivity`
 - `com.example.heartrateadjuster.AudioSystemFake` (implements `com.example.heartrateadjuster.IAudioSystem`)
 - `com.example.heartrateadjuster.BuildConfig`
 - `com.example.heartrateadjuster.ChestStrapFake` (implements `com.example.heartrateadjuster.IHeartRateDevice`)
 - `com.example.heartrateadjuster.R`
 - `com.example.heartrateadjuster.R.attr`
 - `com.example.heartrateadjuster.R.color`
 - `com.example.heartrateadjuster.R.dimen`
 - `com.example.heartrateadjuster.R.drawable`
 - `com.example.heartrateadjuster.R.id`
 - `com.example.heartrateadjuster.R.layout`
 - `com.example.heartrateadjuster.R.menu`
 - `com.example.heartrateadjuster.R.string`
 - `com.example.heartrateadjuster.R.style`

Interface Hierarchy

- `com.example.heartrateadjuster.IAudioSystem`
- `com.example.heartrateadjuster.IHeartRateDevice`

Uses of Package

com.example.heartrateadjuster

Classes in com.example.heartrateadjuster used by com.example.heartrateadjuster

Class and Description
IAudioSystem
IHeartRateDevice

com.example.heartrateadjuster

Class R.attr

java.lang.Object
com.example.heartrateadjuster.R.attr

Enclosing class:
R

```
public static final class R.attr
extends java.lang.Object
```

Constructor Summary

Constructors
Constructor and Description
<code>attr()</code>

Method Summary

Methods inherited from class java.lang.Object
<code>clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait</code>

Constructor Detail

attr
<pre>public attr()</pre>

com.example.heartrateadjuster

Class R.color

java.lang.Object
com.example.heartrateadjuster.R.color

Enclosing class:
R

```
public static final class R.color
extends java.lang.Object
```

Field Summary

Fields	
Modifier and Type	Field and Description
static int	lightgray

Constructor Summary

Constructors	
Constructor and Description	
color()	

Method Summary

Methods inherited from class java.lang.Object	
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait	

Field Detail

lightgray

```
public static final int lightgray
```

See Also:

[Constant Field Values](#)

Constructor Detail

color

```
public color()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.dimen

java.lang.Object
com.example.heartrateadjuster.R.dimen

Enclosing class:
R

```
public static final class R.dimen
extends java.lang.Object
```

Field Summary

Fields	
Modifier and Type	Field and Description
static int	activity_horizontal_margin
static int	activity_vertical_margin

Constructor Summary

Constructors	
Constructor and Description	
dimen()	

Method Summary

Methods inherited from class java.lang.Object	
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait	

Field Detail

activity_horizontal_margin

```
public static final int activity_horizontal_margin
```

See Also:

[Constant Field Values](#)

activity_vertical_margin

```
public static final int activity_vertical_margin
```

See Also:

[Constant Field Values](#)

Constructor Detail

dimen

```
public dimen()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.drawable

java.lang.Object
com.example.heartrateadjuster.R.drawable

Enclosing class:
R

```
public static final class R.drawable
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
static int	ic_launcher

Constructor Summary

Constructors

Constructor and Description
drawable()

Method Summary

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
--

Field Detail

ic_launcher

```
public static final int ic_launcher
```

See Also:

[Constant Field Values](#)

Constructor Detail

drawable

```
public drawable()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R

java.lang.Object
com.example.heartrateadjuster.R

```
public final class R
extends java.lang.Object
```

Nested Class Summary

Nested Classes	
Modifier and Type	Class and Description
static class	R.attr
static class	R.color
static class	R.dimen
static class	R.drawable
static class	R.id
static class	R.layout
static class	R.menu
static class	R.string
static class	R.style

Constructor Summary

Constructors	
Constructor and Description	
R()	

Method Summary

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait,
wait, wait
```

Constructor Detail

R

```
public R()
```

[PACKAGE](#) **CLASS** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

PREV CLASS **NEXT CLASS** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.id

java.lang.Object
com.example.heartrateadjuster.R.id

Enclosing class:
R

```
public static final class R.id
extends java.lang.Object
```

Field Summary

Fields	
Modifier and Type	Field and Description
static int	action_statistics
static int	button1
static int	imageButton
static int	imageButton1
static int	imageButton2
static int	numberPicker1
static int	numberPicker2
static int	seekBar1
static int	textView1
static int	textView2
static int	textView3
static int	textView4

Constructor Summary

Constructors	

Constructor and Description

`id()`

Method Summary

Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

`action_statistics`

```
public static final int action_statistics
```

See Also:

[Constant Field Values](#)

`button1`

```
public static final int button1
```

See Also:

[Constant Field Values](#)

`imageButton`

```
public static final int imageButton
```

See Also:

[Constant Field Values](#)

`imageButton1`

```
public static final int imageButton1
```

See Also:

[Constant Field Values](#)

`imageButton2`

```
public static final int imageButton2
```

See Also:

[Constant Field Values](#)

numberPicker1

```
public static final int numberPicker1
```

See Also:

[Constant Field Values](#)

numberPicker2

```
public static final int numberPicker2
```

See Also:

[Constant Field Values](#)

seekBar1

```
public static final int seekBar1
```

See Also:

[Constant Field Values](#)

textView1

```
public static final int textView1
```

See Also:

[Constant Field Values](#)

textView2

```
public static final int textView2
```

See Also:

[Constant Field Values](#)

textView3

```
public static final int textView3
```

See Also:

[Constant Field Values](#)

textView4

```
public static final int textView4
```

See Also:

[Constant Field Values](#)

Constructor Detail

id

```
public id()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.layout

java.lang.Object
com.example.heartrateadjuster.R.layout

Enclosing class:
R

```
public static final class R.layout
extends java.lang.Object
```

Field Summary

Fields	
Modifier and Type	Field and Description
static int	activity_main

Constructor Summary

Constructors	
Constructor and Description	
layout()	

Method Summary

Methods inherited from class java.lang.Object	
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait	

Field Detail

activity_main

```
public static final int activity_main
```

See Also:

[Constant Field Values](#)

Constructor Detail

layout

```
public layout()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.menu

java.lang.Object
com.example.heartrateadjuster.R.menu

Enclosing class:
R

```
public static final class R.menu
extends java.lang.Object
```

Field Summary

Fields	
Modifier and Type	Field and Description
static int	<code>main</code>

Constructor Summary

Constructors	
Constructor and Description	
<code>menu()</code>	

Method Summary

Methods inherited from class java.lang.Object	
<code>clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait</code>	

Field Detail

<code>main</code>

```
public static final int main
```

See Also:

[Constant Field Values](#)

Constructor Detail

menu

```
public menu()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.string

java.lang.Object
com.example.heartrateadjuster.R.string

Enclosing class:

R

```
public static final class R.string
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
static int	action_settings
static int	app_name
static int	hello_world

Constructor Summary

Constructors

Constructor and Description
string()

Method Summary

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

action_settings

```
public static final int action_settings
```

See Also:

[Constant Field Values](#)

app_name

```
public static final int app_name
```

See Also:

[Constant Field Values](#)

hello_world

```
public static final int hello_world
```

See Also:

[Constant Field Values](#)

Constructor Detail

string

```
public string()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

com.example.heartrateadjuster

Class R.style

java.lang.Object
com.example.heartrateadjuster.R.style

Enclosing class:

R

```
public static final class R.style
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
static int	AppTheme Customize your theme here.

Constructor Summary

Constructors

Constructor and Description
style()

Method Summary

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

AppTheme

```
public static final int AppTheme
```

Customize your theme here.

See Also:

[Constant Field Values](#)

Constructor Detail

style

```
public style()
```

[PACKAGE](#) **[CLASS](#)** [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)