

Group #16 Technical Documentation

github.com/SE2017/LifeExtenderPlus

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The following is generated JavaDoc code. Only the relevant summaries of classes are shown below. AppCombatPreferenceActivity, bottomSectionFrag, and MapsTab are omitted due to irrelevance (autogenerated code).

Class Summary	
Class	Description
AddingGoals	This class allows for goals to be created.
AppCompatPreferenceActivity	$\label{thm:constraints} A {\tt PreferenceActivity} which implements and proxies the necessary calls to be used with App Compat.$
bottomSectionFrag	This class is referenced by all tabs, functioning as the visible tab selector on the bottom of the app.
GoalObjects	This is an object that contains data about Goals.
GoalsTab	This class allows visibility of goals and interacts with AddingGoals class.
HomeTab	This class interacts with Google Calendar API.
IndexObjects	This is an object that contains data about the HealthIndex.
MapsTab	This class interacts with Google Maps API pulling GPS data and
SettingsTab	This class changes applicable settings that has parameters that affects the backend calendar code.
StatsTab	This class displays the HealthIndex while also being responsible for analysis of data.

List of all the relevant classes



AddingGoals Summary

public class GoalObjects
extends java.lang.Object

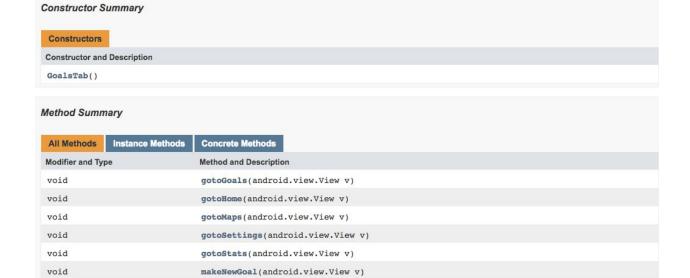
void

This is an object that contains data about Goals.

GoalObjects(int cur, int tar, java.lang.String nam)

Modifier and Type	Field and Description	
int	С	
java.lang.String	n	
int	t	
onstructor Summary		

GoalObjects Summary

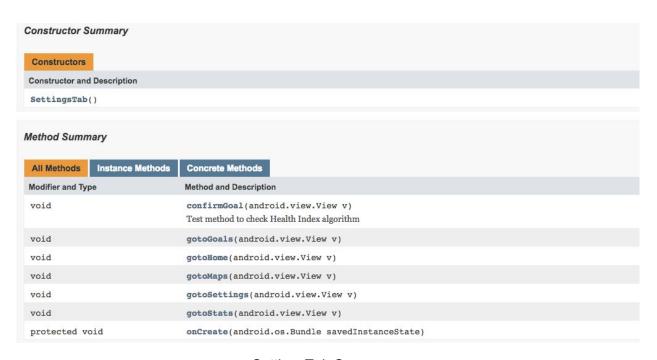


onCreate(android.os.Bundle savedInstanceState)

GoalsTab Summary



IndexObjects Summary



SettingsTab Summary

Constructor Summary Constructors Constructor and Description StatsTab()

Method Summary

All Methods Instance Methods	Concrete Methods
Modifier and Type	Method and Description
protected void	calculateHI() Drafted formula to calculate the Health Index
void	gotoGoals(android.view.View v)
void	<pre>gotoHome(android.view.View v)</pre>
void	<pre>gotoMaps(android.view.View v)</pre>
void	<pre>gotoSettings(android.view.View v)</pre>
void	<pre>gotoStats(android.view.View v)</pre>
protected void	onCreate(android.os.Bundle savedInstanceState) On opening the Stats Tab, calculate and display the Health Index

StatsTab Summary