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ultramirinc.champs_mood

Class AppCompatActivity

- java.lang.Object
 - ♦ android.content.Context
 - ♦ android.content.ContextWrapper
 - ♦ android.view.ContextThemeWrapper
 - android.app.Activity
 - ♦ android.app.ListActivity
 - ♦ android.preference.PreferenceActivity
 - ♦ ultramirinc.champs_mood.AppCompatActivity
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.preference.PreferenceFragment.OnPreferenceStartFragmentCallback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback
-

```
public abstract class
extends android.preference.PreferenceActivity
```

A `PreferenceActivity` which implements and proxies the necessary calls to be used with `AppCompat`. Creates a compatibility activity for older devices

Nested Class Summary

Nested classes/interfaces inherited from class `android.preference.PreferenceActivity`

`android.preference.PreferenceActivity.Header`

Field Summary

Modifier and Type	Field and Description
<code>private android.support.v7.app.AppCompatActivityDelegate</code>	<code>mDelegate</code>

Fields inherited from class `android.preference.PreferenceActivity`

`EXTRA_NO_HEADERS`, `EXTRA_SHOW_FRAGMENT`,
`EXTRA_SHOW_FRAGMENT_ARGUMENTS`, `EXTRA_SHOW_FRAGMENT_SHORT_TITLE`,
`EXTRA_SHOW_FRAGMENT_TITLE`, `HEADER_ID_UNDEFINED`

Fields inherited from class `android.app.Activity`

`DEFAULT_KEYS_DIALER`, `DEFAULT_KEYS_DISABLE`,
`DEFAULT_KEYS_SEARCH_GLOBAL`, `DEFAULT_KEYS_SEARCH_LOCAL`,
`DEFAULT_KEYS_SHORTCUT`, `FOCUSED_STATE_SET`, `RESULT_CANCELED`,
`RESULT_FIRST_USER`, `RESULT_OK`

Fields inherited from class `android.content.Context`

`ACCESSIBILITY_SERVICE`, `ACCOUNT_SERVICE`, `ACTIVITY_SERVICE`,
`ALARM_SERVICE`, `APP_OPS_SERVICE`, `APPWIDGET_SERVICE`, `AUDIO_SERVICE`,
`BATTERY_SERVICE`, `BIND_ABOVE_CLIENT`, `BIND_ADJUST_WITH_ACTIVITY`,
`BIND_ALLOW_OOM_MANAGEMENT`, `BIND_AUTO_CREATE`, `BIND_DEBUG_UNBIND`,
`BIND_EXTERNAL_SERVICE`, `BIND_IMPORTANT`, `BIND_NOT_FOREGROUND`,
`BIND_WAIVE_PRIORITY`, `BLUETOOTH_SERVICE`, `CAMERA_SERVICE`,
`CAPTIONING_SERVICE`, `CARRIER_CONFIG_SERVICE`, `CLIPBOARD_SERVICE`,
`CONNECTIVITY_SERVICE`, `CONSUMER_IR_SERVICE`, `CONTEXT_IGNORE_SECURITY`,
`CONTEXT_INCLUDE_CODE`, `CONTEXT_RESTRICTED`, `DEVICE_POLICY_SERVICE`,
`DISPLAY_SERVICE`, `DOWNLOAD_SERVICE`, `DROPBOX_SERVICE`,
`FINGERPRINT_SERVICE`, `HARDWARE_PROPERTIES_SERVICE`,
`INPUT_METHOD_SERVICE`, `INPUT_SERVICE`, `JOB_SCHEDULER_SERVICE`,
`KEYGUARD_SERVICE`, `LAUNCHER_APPS_SERVICE`, `LAYOUT_INFLATER_SERVICE`,
`LOCATION_SERVICE`, `MEDIA_PROJECTION_SERVICE`, `MEDIA_ROUTER_SERVICE`,
`MEDIA_SESSION_SERVICE`, `MIDI_SERVICE`, `MODE_APPEND`,
`MODE_ENABLE_WRITE_AHEAD_LOGGING`, `MODE_MULTI_PROCESS`,
`MODE_NO_LOCALIZED_COLLATORS`, `MODE_PRIVATE`, `MODE_WORLD_READABLE`,
`MODE_WORLD_WRITEABLE`, `NETWORK_STATS_SERVICE`, `NFC_SERVICE`,
`NOTIFICATION_SERVICE`, `NSD_SERVICE`, `POWER_SERVICE`, `PRINT_SERVICE`,
`RESTRICTIONS_SERVICE`, `SEARCH_SERVICE`, `SENSOR_SERVICE`,
`SHORTCUT_SERVICE`, `STORAGE_SERVICE`, `SYSTEM_HEALTH_SERVICE`,
`TELECOM_SERVICE`, `TELEPHONY_SERVICE`, `TELEPHONY_SUBSCRIPTION_SERVICE`,
`TEXT_SERVICES_MANAGER_SERVICE`, `TV_INPUT_SERVICE`, `UI_MODE_SERVICE`,

USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE



Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN



Constructor Summary

Constructor and Description

[AppCompatActivity\(\)](#)



Method Summary

Modifier and Type	Method and Description
void	<u>addContentView</u> (android.view.View view, android.view.ViewGroup.LayoutParams par...
private android.support.v7.app.AppCompatActivity	<u>getDelegate</u> ()
android.view.MenuInflater	<u>getMenuInflater</u> ()
android.support.v7.app.ActionBar	<u>getSupportActionBar</u> ()
void	<u>invalidateOptionsMenu</u> ()
void	<u>onConfigurationChanged</u> (android.content.
protected void	<u>onCreate</u> (android.os.Bundle savedInstanceState)
protected void	<u>onDestroy</u> ()
protected void	<u>onPostCreate</u> (android.os.Bundle savedInstanceState)
protected void	<u>onPostResume</u> ()
protected void	<u>onStop</u> ()
protected void	<u>onTitleChanged</u> (java.lang.CharSequence t
void	<u>setContentView</u> (int layoutResID)
void	<u>setContentView</u> (android.view.View view)
void	<u>setContentView</u> (android.view.View view, android.view.ViewGroup.LayoutParams par
void	<u>setSupportActionBar</u> (android.support.v7.



Methods inherited from class android.preference.PreferenceActivity

addPreferencesFromIntent, addPreferencesFromResource,
findPreference, finishPreferencePanel, getPreferenceManager,
getPreferenceScreen, hasHeaders, invalidateHeaders, isMultiPane,
isValidFragment, loadHeadersFromResource, onActivityResult,

onBuildHeaders, onBuildStartFragmentIntent, onContentChanged, onGetInitialHeader, onGetNewHeader, onHeaderClick, onIsHidingHeaders, onIsMultiPane, onListItemClick, onNewIntent, onPreferenceStartFragment, onPreferenceTreeClick, onRestoreInstanceState, onSaveInstanceState, setListFooter, setParentTitle, setPreferenceScreen, showBreadcrumbs, startPreferenceFragment, startPreferencePanel, startWithFragment, startWithFragment, switchToHeader, switchToHeader



Methods inherited from class android.app.ListActivity

getListAdapter, getListView, getSelectedItemId, getSelectedItemPosition, setListAdapter, setSelection



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, dump, enterPictureInPictureMode, findViewById, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isInMultiWindowMode, isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onBackPressed, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelMenu, onCreatePanelView, onCreateThumbnail, onCreateView, onCreateView, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onLowMemory, onMenuItemSelected, onMenuOpened, onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsItemSelected, onOptionsMenuClosed, onPanelClosed, onPause, onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onPreparePanel, onProvideAssistContent, onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRequestPermissionsResult, onRestart, onRestoreInstanceState, onResume, onRetainNonConfigurationInstance, onSaveInstanceState, onSearchRequested, onSearchRequested, onStart, onStateNotSaved, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate,

registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTheme, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityForResult, startActivityForResult, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getResources, getTheme



Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath, getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences, getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage, isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput, openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver, registerReceiver,

```
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```



Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```



Methods inherited from class java.lang.Object

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



Field Detail

◆ mDelegate

```
private android.support.v7.app.AppCompatActivity mDelegate
```



Constructor Detail

◆ AppCompatActivity

```
public AppCompatActivity()
```



Method Detail

◆ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Overrides:

onCreate in class android.preference.PreferenceActivity

◆ onPostCreate

```
protected void onPostCreate(android.os.Bundle savedInstanceState)
```

Overrides:

onPostCreate in class android.app.Activity

◇ **getSupportActionBar**

```
public android.support.v7.app.ActionBar getSupportActionBar()
```

◇ **setSupportActionBar**

```
public void setSupportActionBar(@Nullable  
                                android.support.v7.widget.Toolbar toolbar)
```

◇ **getMenuInflater**

```
public android.view.MenuInflater getMenuInflater()
```

Overrides:

getMenuInflater in class android.app.Activity

◇ **setContentView**

```
public void setContentView(@LayoutRes  
                            int layoutResID)
```

Overrides:

setContentView in class android.app.Activity

◇ **setContentView**

```
public void setContentView(android.view.View view)
```

Overrides:

setContentView in class android.app.Activity

◇ **setContentView**

```
public void setContentView(android.view.View view,  
                            android.view.ViewGroup.LayoutParams params)
```

Overrides:

setContentView in class android.app.Activity

◇ **addContentView**

```
public void addContentView(android.view.View view,  
                            android.view.ViewGroup.LayoutParams params)
```

Overrides:

addContentView in class android.app.Activity

◇ **onPostResume**

```
protected void onPostResume()
```

Overrides:

onPostResume in class android.app.Activity

◇ **onTitleChanged**

```
protected void onTitleChanged(java.lang.CharSequence title,  
                               int color)
```

Overrides:

onTitleChanged in class android.app.Activity

◇ onConfigurationChanged

```
public void onConfigurationChanged(android.content.res.Configuration newCon
```

Specified by:

```
onConfigurationChanged in  
interface android.content.ComponentCallbacks
```

Overrides:

```
onConfigurationChanged in class android.app.Activity
```

◇ onStop

```
protected void onStop()
```

Overrides:

```
onStop in class android.preference.PreferenceActivity
```

◇ onDestroy

```
protected void onDestroy()
```

Overrides:

```
onDestroy in class android.preference.PreferenceActivity
```

◇ invalidateOptionsMenu

```
public void invalidateOptionsMenu()
```

Overrides:

```
invalidateOptionsMenu in class android.app.Activity
```

◇ getDelegate

```
private android.support.v7.app.AppCompatActivity getDelegate()
```

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ultramirinc.champs_mood

Interface BreakCreator.OnBreakReadyListener

- All Known Implementing Classes:
[ScheduleAdder](#)

Enclosing class:

[BreakCreator](#)

```
public static interface
```

A Custom listener for when the break is ready.

- 

Method Summary

Modifier and Type	Method and Description
-------------------	------------------------

void	onBreakReady (java.lang.String breakString)
------	---

- **◆ Method Detail**

◆ **onBreakReady**

```
void onBreakReady(java.lang.String breakString)
```

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Class BreakCreator

- java.lang.Object
 - - ◆ android.support.v4.app.Fragment
 - ◆
 - ◇ android.support.v4.app.DialogFragment
 - ◇
 - ultramirinc.champs_mood.BreakCreator
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.DialogInterface.OnCancelListener, android.content.DialogInterface.OnDismissListener, android.view.View.OnCreateContextMenuListener, android.widget.AdapterView.OnItemClickListener
-

```
public class
extends android.support.v4.app.DialogFragment
implements android.widget.AdapterView.OnItemClickListener
```

Created by Etienne Berube on 2017-03-23. This class is a Pop-up that appears when the user wants to create a new Break Object for his schedule

◆ Nested Class Summary

Modifier and Type

Class and Description

static interface [BreakCreator.OnBreakReadyListener](#)
A Custom listener for when the break is ready.



Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState



Field Summary

Modifier and Type

Field and Description

private android.content.Context	<u>context</u> Contains the context of the attached activity
private java.lang.String	<u>day</u> Day of the break
private android.app.TimePickerDialog	<u>end</u> The TimePickerDialog for the ending time
private int	<u>endHour</u> The ending hour of the break
private int	<u>endMinute</u> The ending minute of the break
private android.widget.TextView	<u>endTime</u> Contains the view for the end time
private boolean	<u>isCancelled</u> Is true if the user cancelled the break creation
private android.widget.Spinner	<u>listDay</u> Contains the drop-down menu of the days of the week
private <u>BreakCreator.OnBreakReadyListener</u>	<u>mListener</u> Contains the listener when the break is ready
private android.app.TimePickerDialog	<u>start</u> The TimePickerDialog for the starting time
private int	<u>startHour</u> The starting hour of the break
private int	<u>startMinute</u> The starting minute of the break
private android.widget.TextView	<u>startTime</u> Contains the view for the start time

◇ Fields inherited from class `android.support.v4.app.DialogFragment`

`STYLE_NO_FRAME`, `STYLE_NO_INPUT`, `STYLE_NO_TITLE`, `STYLE_NORMAL`

◆ Constructor Summary

Constructor and Description

[BreakCreator\(\)](#)

◆ Method Summary

Modifier and Type	Method and Description
<code>boolean</code>	<u>checkIfComplete()</u> Check if the potential break is complete or if certain fields missing.
<code>java.lang.String</code>	<u>getDay()</u> Getter for day
<code>int</code>	<u>getEndHour()</u> Getter for endHour
<code>int</code>	<u>getEndMinute()</u> Getter for endMinute
<u>BreakCreator.OnBreakReadyListener</u>	<u>getListener()</u> Getter for mListener
<code>int</code>	<u>getStartHour()</u> Getter for startHour
<code>int</code>	<u>getStartMinute()</u> Getter for startMinute
<code>boolean</code>	<u>isCancelled()</u> Getter for isCancelled
<code>static BreakCreator</code>	<u>newInstance(int title)</u> Creates a new instance of this dialog.
<code>void</code>	<u>onAttach(android.content.Context context)</u> Gets context from attached activity.
<code>android.view.View</code>	<u>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</u> Inflates the visual layout of the dialog.
<code>void</code>	<u>onItemSelected(android.widget.AdapterView<?> parent, android.view.View view, int position, long id)</u> Selects a day from the dropdown menu when it is clicked on
<code>void</code>	<u>onNothingSelected(android.widget.AdapterView<?> parent)</u> Sets a default value when no day is selected in the dropdown
<code>void</code>	<u>onResume()</u> Removes the keyboard from the screen when the dialog appears
<code>void</code>	<u>onViewCreated(android.view.View view, android.os.Bundle savedInstanceState)</u>

-

```

void      setEndTimeView()
          Setter for endTimeView

void      setListener(BreakCreator.OnBreakReadyListener)
          Setter for mListener

void      setStartTimeView()
          Setter for startTimeView

```

◇

Methods inherited from class android.support.v4.app.DialogFragment

```

dismiss, dismissAllowingStateLoss, getDialog, getLayoutInflater,
getShowsDialog, getTheme, isCancelable, onActivityCreated, onCancel,
onCreate, onCreateDialog, onDestroyView, onDetach, onDismiss,
onSaveInstanceState, onStart, onStop, setCancelable, setShowsDialog,
setStyle, setupDialog, show, show

```

◇

Methods inherited from class android.support.v4.app.Fragment

```

dump, equals, getActivity, getAllowEnterTransitionOverlap,
getAllowReturnTransitionOverlap, getArguments,
getChildFragmentManager, getContext, getEnterTransition,
getExitTransition, getFragmentManager, getHost, getId,
getLoaderManager, getParentFragment, getReenterTransition,
getResources, getRetainInstance, getReturnTransition,
getSharedElementEnterTransition, getSharedElementReturnTransition,
getString, getString, getTag, getTargetFragment,
getTargetRequestCode, getText, getUserVisibleHint, getView,
hashCode, hasOptionsMenu, instantiate, instantiate, isAdded,
isDetached, isHidden, isInLayout, isMenuVisible, isRemoving,
isResumed, isVisible, onActivityResult, onAttach, onAttachFragment,
onConfigurationChanged, onContextItemSelected, onCreateAnimation,
onCreateContextMenu, onCreateOptionsMenu, onDestroy,
onDestroyOptionsMenu, onHiddenChanged, onInflate, onInflate,
onLowMemory, onMultiWindowModeChanged, onOptionsItemSelected,
onOptionsMenuClosed, onPause, onPictureInPictureModeChanged,
onPrepareOptionsMenu, onPermissionsResult,
onViewStateRestored, postponeEnterTransition,
registerForContextMenu, requestPermissions,
setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,
setArguments, setEnterSharedElementCallback, setEnterTransition,
setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,
setInitialSavedState, setMenuVisibility, setReenterTransition,
setRetainInstance, setReturnTransition,
setSharedElementEnterTransition, setSharedElementReturnTransition,
setTargetFragment, setUserVisibleHint,
shouldShowRequestPermissionRationale, startActivity, startActivity,
startActivityForResult, startActivityForResult,
startIntentSenderForResult, startPostponedEnterTransition, toString,
unregisterForContextMenu

```

◇

Methods inherited from class java.lang.Object

```

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

```

Field Detail

◇ **isCancelled**

```
private boolean isCancelled
```

Is true if the user cancelled the break creation

◇ **day**

```
private java.lang.String day
```

Day of the break

◇ **startHour**

```
private int startHour
```

The starting hour of the break

◇ **startMinute**

```
private int startMinute
```

The starting minute of the break

◇ **endHour**

```
private int endHour
```

The ending hour of the break

◇ **endMinute**

```
private int endMinute
```

The ending minute of the break

◇ **startTime**

```
private android.widget.TextView startTime
```

Contains the view for the start time

◇ **endTime**

```
private android.widget.TextView endTime
```

Contains the view for the end time

◇ **context**

```
private android.content.Context context
```

Contains the context of the attached activity

◇ **listDay**

```
private android.widget.Spinner listDay
```

Contains the drop-down menu of the days of the week

◆ ◇ **start**

```
private android.app.TimePickerDialog start
```

The TimePickerDialog for the starting time

◇ **end**

```
private android.app.TimePickerDialog end
```

The TimePickerDialog for the ending time

◇ **mListener**

```
private BreakCreator.OnBreakReadyListener mListener
```

Contains the listener when the break is ready



Constructor Detail

◇ **BreakCreator**

```
public BreakCreator()
```



Method Detail

◇ **onResume**

```
public void onResume()
```

Removes the keyboard from the screen when the dialog appears.

Overrides:

onResume in class android.support.v4.app.Fragment

◇ **newInstance**

```
public static BreakCreator newInstance(int title)
```

Creates a new instance of this dialog.

◇ **onAttach**

```
public void onAttach(android.content.Context context)
```

Gets context from attached activity.

Overrides:

onAttach in class android.support.v4.app.DialogFragment

◇ **onCreateView**

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                       android.view.ViewGroup container,  
                                       android.os.Bundle savedInstanceState)
```

Inflates the visual layout of the dialog.

Overrides:

onCreateView in class android.support.v4.app.Fragment

◇ **onViewCreated**

```
public void onViewCreated(android.view.View view,  
                           @Nullable  
                           android.os.Bundle savedInstanceState)
```

Sets listeners when the layout is inflated.

Overrides:

onViewCreated in class android.support.v4.app.Fragment

◇ **onItemSelected**

```
public void onItemSelected(android.widget.AdapterView<?> parent,  
                            android.view.View view,  
                            int position,  
                            long id)
```

Selects a day from the dropdown menu when it is clicked on.

Specified by:

onItemSelected in
interface android.widget.AdapterView.OnItemClickListener

◇ **onNothingSelected**

```
public void onNothingSelected(android.widget.AdapterView<?> parent)
```

Sets a default value when no day is selected in the dropdown menu

Specified by:

onNothingSelected in
interface android.widget.AdapterView.OnItemClickListener

◇ **setStartTimeView**

```
public void setStartTimeView()
```

Setter for startTimeView

◇ **setEndTimeView**

```
public void setEndTimeView()
```

Setter for endTimeView

◇ **checkIfComplete**

```
public boolean checkIfComplete()
```

Check if the potential break is complete or if certain fields are missing.

◇ **isCancelled**

```
public boolean isCancelled()
```

Getter for isCancelled

◇ **getDay**

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

Getter for day

- ◇ **getStartHour**

```
public int getStartHour()
```

Getter for startHour

- ◇ **getStartMinute**

```
public int getStartMinute()
```

Getter for startMinute

- ◇ **getEndHour**

```
public int getEndHour()
```

Getter for endHour

- ◇ **getEndMinute**

```
public int getEndMinute()
```

Getter for endMinute

- ◇ **getListener**

```
public BreakCreator.OnBreakReadyListener getListener()
```

Getter for mListener

- ◇ **setListener**

```
public void setListener(BreakCreator.OnBreakReadyListener listener)
```

Setter for mListener

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ultramirinc.champs_mood

Class CreditsActivity

- java.lang.Object
 - ♦ android.content.Context
 - ♦ android.content.ContextWrapper
 - ♦ android.view.ContextThemeWrapper
 - android.app.Activity
 - ♦ android.support.v4.app.SupportActivity
 - ♦ android.support.v4.app.FragmentActivity
 - ♦ android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.CreditsActivity
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
 - android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
 - android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
 - android.support.v4.app.TaskStackBuilder.SupportParentable,
 - android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
 - android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback,
 - android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
 - android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Created by William on 2017-05-04. This activity shows the credits given to each person who directly or indirectly helped us achieve this project

- ◆
 - ◆ **Nested Class Summary**

- ◆
 - ◆
 - ◇ **Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity**

- ◆
 - ◆
 - ◇
 - android.support.v4.app.SupportActivity.ExtraData

- ◆
 - ◆ **Field Summary**

- ◆
 - ◆
 - ◇ **Fields inherited from class android.app.Activity**

- ◆
 - ◆
 - ◇
 - DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

- ◆
 - ◆
 - ◇ **Fields inherited from class android.content.Context**

- ◆
 - ◆
 - ◇
 - ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE

◇ Fields inherited from interface `android.content.ComponentCallbacks2`

`TRIM_MEMORY_BACKGROUND`, `TRIM_MEMORY_COMPLETE`, `TRIM_MEMORY_MODERATE`,
`TRIM_MEMORY_RUNNING_CRITICAL`, `TRIM_MEMORY_RUNNING_LOW`,
`TRIM_MEMORY_RUNNING_MODERATE`, `TRIM_MEMORY_UI_HIDDEN`

◆ Constructor Summary

Constructor and Description

[CreditsActivity\(\)](#)

◆ Method Summary

Modifier and Type

Method and Description

protected void [onCreate](#)(`android.os.Bundle savedInstanceState`)
Creates and inflates the layout for the activity



Methods inherited from class `android.support.v7.app.AppCompatActivity`

`addContentView`, `dispatchKeyEvent`, `findViewById`, `getDelegate`,
`getDrawerToggleDelegate`, `getMenuInflater`, `getResources`,
`getSupportActionBar`, `getSupportParentActivityIntent`,
`invalidateOptionsMenu`, `onConfigurationChanged`, `onContentChanged`,
`onCreateSupportNavigateUpTaskStack`, `onDestroy`, `onMenuItemSelected`,
`onMenuOpened`, `onPanelClosed`, `onPostCreate`, `onPostResume`,
`onPrepareSupportNavigateUpTaskStack`, `onSaveInstanceState`, `onStart`,
`onStop`, `onSupportActionModeFinished`, `onSupportActionModeStarted`,
`onSupportContentChanged`, `onSupportNavigateUp`, `onTitleChanged`,
`onWindowStartingSupportActionMode`, `setContentView`, `setContentView`,
`setContentView`, `setSupportActionBar`, `setSupportProgress`,
`setSupportProgressBarIndeterminate`,
`setSupportProgressBarIndeterminateVisibility`,
`setSupportProgressBarVisibility`, `setTheme`, `startSupportActionMode`,
`supportInvalidateOptionsMenu`, `supportNavigateUpTo`,
`supportRequestWindowFeature`, `supportShouldUpRecreateTask`



Methods inherited from class `android.support.v4.app.FragmentActivity`

`dump`, `getLastCustomNonConfigurationInstance`,
`getSupportFragmentManager`, `getSupportLoaderManager`,
`getSupportMediaController`, `onActivityResult`, `onAttachFragment`,
`onBackPressed`, `onCreatePanelMenu`, `onLowMemory`,
`onMultiWindowModeChanged`, `onNewIntent`, `onPause`,
`onPictureInPictureModeChanged`, `onPrepareOptionsPanel`,
`onPreparePanel`, `onRequestPermissionsResult`, `onResume`,
`onResumeFragments`, `onRetainCustomNonConfigurationInstance`,
`onRetainNonConfigurationInstance`, `onStateNotSaved`,
`setEnterSharedElementCallback`, `setExitSharedElementCallback`,
`setSupportMediaController`, `startActivityForResult`,
`startActivityFromFragment`, `startActivityFromFragment`,
`startIntentSenderFromFragment`, `supportFinishAfterTransition`,

```
supportPostponeEnterTransition,  
supportStartPostponedEnterTransition,  
validateRequestPermissionsrequestCode
```



Methods inherited from class android.support.v4.app.SupportActivity

```
getExtraData, putExtraData
```



Methods inherited from class android.app.Activity

```
closeContextMenu, closeOptionsMenu, createPendingResult,  
dismissDialog, dismissKeyboardShortcutsHelper,  
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,  
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,  
dispatchTrackballEvent, enterPictureInPictureMode, finish,  
finishActivity, finishActivityFromChild, finishAffinity,  
finishAfterTransition, finishAndRemoveTask, finishFromChild,  
getActionBar, getApplication, getCallingActivity, getCallingPackage,  
getChangingConfigurations, getComponentName, getContentScene,  
getContentTransitionManager, getCurrentFocus, getFragmentManager,  
getIntent, getLastNonConfigurationInstance, getLayoutInflater,  
getLoaderManager, getLocalClassName, getMediaController, getParent,  
getParentActivityIntent, getPreferences, getReferrer,  
getRequestedOrientation, getSearchEvent, getSystemService,  
getTaskId, getTitle, getTitleColor, getVoiceInteractor,  
getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,  
isChangingConfigurations, isChild, isDestroyed, isFinishing,  
isImmersive, isInMultiWindowMode, isInPictureInPictureMode,  
isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,  
isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,  
navigateUpToFromChild, onActionModeFinished, onActionModeStarted,  
onActivityReenter, onApplyThemeResource, onAttachedToWindow,  
onAttachFragment, onChildTitleChanged, onContextItemSelected,  
onContextMenuClosed, onCreate, onCreateContextMenu,  
onCreateDescription, onCreateDialog, onCreateDialog,  
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,  
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,  
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,  
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,  
onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,  
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,  
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,  
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,  
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,  
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,  
onSearchRequested, onSearchRequested, onTouchEvent,  
onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,  
onVisibleBehindCanceled, onWindowAttributesChanged,  
onWindowFocusChanged, onWindowStartingActionMode,  
onWindowStartingActionMode, openContextMenu, openOptionsMenu,  
overridePendingTransition, postponeEnterTransition, recreate,  
registerForContextMenu, releaseInstance, removeDialog,  
reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,  
requestShowKeyboardShortcuts, requestVisibleBehind,  
requestWindowFeature, runOnUiThread, setActionBar,  
setContentTransitionManager, setDefaultKeyMode,  
setEnterSharedElementCallback, setExitSharedElementCallback,  
setFeatureDrawable, setFeatureDrawableAlpha,  
setFeatureDrawableResource, setFeatureDrawableUri,  
setFinishOnTouchOutside, setImmersive, setIntent,  
setMediaController, setProgress, setProgressBarIndeterminate,  
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
```


setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSender, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme



Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath, getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences, getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage, isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput, openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver, registerReceiver, removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser, sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper, setWallpaper, startInstrumentation, startService, stopService, unbindService, unregisterReceiver



Methods inherited from class android.content.Context

getColor, getColorStateList, getDrawable, getString, getString, getSystemService, getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes,

```
obtainStyledAttributes, registerComponentCallbacks,  
unregisterComponentCallbacks
```



Methods inherited from class java.lang.Object

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



Constructor Detail

◆ CreditsActivity

```
public CreditsActivity()
```



Method Detail

◆ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflates the layout for the activity

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

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ultramirinc.champs_mood

Class FriendProfileActivity

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.FriendProfileActivity
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback, com.google.android.gms.maps.OnMapReadyCallback

```
public class
extends android.support.v7.app.AppCompatActivity
implements com.google.android.gms.maps.OnMapReadyCallback
```

Created by Etienne Berube on 2017-05-05. This is the profile of a given user (That is the the current user). This allows the user to see his friend's profile and location

- ◆ **Nested Class Summary**

- ◆
 - ◆ **Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity**

- android.support.v4.app.SupportActivity.ExtraData

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|---|---|
| private <u>User</u> | <u>friendProfile</u>
Contains the friend's User object |
| private
com.google.android.gms.maps.model.LatLng | <u>latLng</u>
Contains the friend's location |
| private com.google.android.gms.maps.GoogleMap | <u>mMap</u>
Contains the map used |
| private android.app.ProgressDialog | <u>progressDialog</u>
Contains a progress dialog |

- ◆
 - ◆ **Fields inherited from class android.app.Activity**

- DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

- ◆
 - ◆ **Fields inherited from class android.content.Context**

- ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,

LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND, MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE, RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE, USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE



Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE, TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN



Constructor Summary

Constructor and Description

[FriendProfileActivity\(\)](#)



Method Summary

| Modifier and Type | Method and Description |
|--------------------|---|
| private
int | <u>adaptDayOfWeek</u> (int weekday)
There is a mismatch between our original int values of weekdays with the java.utils.calendar int values of weekdays. |
| private
void | <u>checkBreakStatus</u> ()
Checks the status of the friend's break (in break in X minutes, in break or no more breaks). |
| private
void | <u>follow</u> (<u>User</u> userToFollow)
Allows to follow the given user. |
| static
long | <u>getDateDiff</u> (java.util.GregorianCalendar date1, java.util.GregorianCalendar date2, java.util.concurrent.TimeUnit timeUnit)
Returns the time difference in milliseconds between two dates. |
| void | <u>loadFriendProfile</u> (java.lang.String userId)
Gets the user's information from the database. |
| void | <u>onBackPressed</u> ()
Handles the event when the back button is pressed on the android device. |
| protected
void | <u>onCreate</u> (android.os.Bundle savedInstanceState)
Creates and inflates the layout of the activity. |
| void | <u>onMapReady</u> (com.google.android.gms.maps.GoogleMap googleMap)
Sets the map when it is ready (Location, zoom, position, markers, etc.). |
| private
boolean | <u>unFollow</u> (<u>User</u> userToUnfollow) |

Allows to unfollow the given user.

void updateFriendShipButton(boolean isFriend)
Updates the text of the button.



Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsPanel, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, setSupportMediaController, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startActivitySenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsRequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene,

getContentTransitionManager, getCurrentFocus, getFragmentManager,
 getIntent, getLastNonConfigurationInstance, getLayoutInflater,
 getLoaderManager, getLocalClassName, getMediaController, getParent,
 getParentActivityIntent, getPreferences, getReferrer,
 getRequestedOrientation, getSearchEvent, getSystemService,
 getTaskId, getTitle, getTitleColor, getVoiceInteractor,
 getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,
 isChangingConfigurations, isChild, isDestroyed, isFinishing,
 isImmersive, isInMultiWindowMode, isInPictureInPictureMode,
 isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,
 isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,
 navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
 onActivityReenter, onApplyThemeResource, onAttachedToWindow,
 onAttachFragment, onChildTitleChanged, onContextItemSelected,
 onContextMenuClosed, onCreate, onCreateContextMenu,
 onCreateDescription, onCreateDialog, onCreateDialog,
 onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
 onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
 onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
 onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
 onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
 onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
 onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
 onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
 onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
 onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
 onSearchRequested, onSearchRequested, onTouchEvent,
 onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
 onVisibleBehindCanceled, onWindowAttributesChanged,
 onWindowFocusChanged, onWindowStartingActionMode,
 onWindowStartingActionMode, openContextMenu, openOptionsMenu,
 overridePendingTransition, postponeEnterTransition, recreate,
 registerForContextMenu, releaseInstance, removeDialog,
 reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
 requestShowKeyboardShortcuts, requestVisibleBehind,
 requestWindowFeature, runOnUiThread, setActionBar,
 setContentTransitionManager, setDefaultKeyMode,
 setEnterSharedElementCallback, setExitSharedElementCallback,
 setFeatureDrawable, setFeatureDrawableAlpha,
 setFeatureDrawableResource, setFeatureDrawableUri,
 setFinishOnTouchOutside, setImmersive, setIntent,
 setMediaController, setProgress, setProgressBarIndeterminate,
 setProgressBarIndeterminateVisibility, setProgressBarVisibility,
 setRequestedOrientation, setResult, setResult, setSecondaryProgress,
 setTaskDescription, setTitle, setTitle, setTitleColor, setVisible,
 setVolumeControlStream, setVrModeEnabled,
 shouldShowRequestPermissionRationale, shouldUpRecreateTask,
 showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
 startActionMode, startActionMode, startActivities, startActivities,
 startActivity, startActivity, startActivityFromChild,
 startActivityFromChild, startActivityFromFragment,
 startActivityFromFragment, startActivityIfNeeded,
 startActivityIfNeeded, startIntentSender, startIntentSender,
 startIntentSenderFromChild, startIntentSenderFromChild,
 startLocalVoiceInteraction, startLockTask, startManagingCursor,
 startNextMatchingActivity, startNextMatchingActivity,
 startPostponedEnterTransition, startSearch,
 stopLocalVoiceInteraction, stopLockTask, stopManagingCursor,
 takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme

◇ Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission,
checkCallingOrSelfUriPermission, checkCallingPermission,
checkCallingUriPermission, checkPermission, checkSelfPermission,
checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createDeviceProtectedStorageContext,
createDisplayContext, createPackageContext, databaseList,
deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission,
enforceCallingPermission, enforceCallingUriPermission,
enforcePermission, enforceUriPermission, enforceUriPermission,
fileList, getApplicationContext, getApplicationInfo, getBaseContext,
getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver,
getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper,
getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```

◇ Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```

◇ Methods inherited from class java.lang.Object

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

Field Detail

◇ mMap

```
private com.google.android.gms.maps.GoogleMap mMap
```

Contains the map used

◇ **friendProfile**

```
private User friendProfile
```

Contains the friend's User object

◇ **latLng**

```
private com.google.android.gms.maps.model.LatLng latLng
```

Contains the friend's location

◇ **progressDialog**

```
private android.app.ProgressDialog progressDialog
```

Contains a progress dialog



Constructor Detail

◇ **FriendProfileActivity**

```
public FriendProfileActivity()
```



Method Detail

◇ **onCreate**

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflates the layout of the activity.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

◇ **loadFriendProfile**

```
public void loadFriendProfile(java.lang.String userId)
```

Gets the user's information from the database.

◇ **unFollow**

```
private boolean unFollow(User userToUnfollow)
```

Allows to unfollow the given user.

◇ **follow**

```
private void follow(User userToFollow)
```

Allows to follow the given user.

◇ **updateFriendShipButton**

```
public void updateFriendShipButton(boolean isFriend)
```

Updates the text of the button.

◇ **checkBreakStatus**

```
private void checkBreakStatus()
```

Checks the status of the friend's break (in break in X minutes, in break or no more breaks).

◇ **adaptDayOfWeek**

```
private int adaptDayOfWeek(int weekday)
```

There is a mismatch between our original int values of weekdays with the java.util.calendar int values of weekdays.

◇ **getDateDiff**

```
public static long getDateDiff(java.util.GregorianCalendar date1,  
                               java.util.GregorianCalendar date2,  
                               java.util.concurrent.TimeUnit timeUnit)
```

Returns the time difference in milliseconds between two dates.

◇ **onMapReady**

```
public void onMapReady(com.google.android.gms.maps.GoogleMap googleMap)
```

Sets the map when it is ready (Location, zoom, position, markers, etc.).

Specified by:

onMapReady in

interface com.google.android.gms.maps.OnMapReadyCallback

◇ **onBackPressed**

```
public void onBackPressed()
```

Handles the event when the back button is pressed on the android device.

Overrides:

onBackPressed in class android.support.v4.app.FragmentActivity

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Interface LoginActivity.ProfileQuery

- Enclosing class:
[LoginActivity](#)
-

```
private static interface
```

Interface for the profile query.

-  **Field Summary**

| Modifier and Type | Field and Description |
|---------------------------|----------------------------|
| static int | ADDRESS |
| static int | IS_PRIMARY |
| static java.lang.String[] | PROJECTION |

- **◆ Field Detail**

◆ **PROJECTION**

```
static final java.lang.String[] PROJECTION
```

◆ **ADDRESS**

```
static final int ADDRESS
```

See Also:

[Constant Field Values](#)

◆ **IS_PRIMARY**

```
static final int IS_PRIMARY
```

See Also:

[Constant Field Values](#)

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Class LoginActivity

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.LoginActivity
 - All Implemented Interfaces:
 - android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>,
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
 - android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
 - android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
 - android.support.v4.app.TaskStackBuilder.SupportParentable,
 - android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
 - android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback,
 - android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
 - android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
implements android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

Created by Etienne Berube on 2017-03-23. A login screen that offers login via email/password.

- ◆ **Nested Class Summary**

| Modifier and Type | Class and Description |
|--|---|
| private static interface | <u>LoginActivity.ProfileQuery</u>
Interface for the profile query. |
| ◆ | |
| Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity | |
| | <u>android.support.v4.app.SupportActivity.ExtraData</u> |

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|--|---|
| private boolean | <u>cancel</u>
Contains a boolean value of cancellation for the account that is logging in |
| private
com.google.firebase.auth.FirebaseAuth | <u>firebaseAuth</u>
Defining Firebase auth object |
| private android.view.View | <u>focusView</u>
Contains a View of the focus of the account that is logging in |
| private
android.widget.AutoCompleteTextView | <u>mEmailView</u>
Contains a AutoCompleteTextView of the email of the account that is logging in |
| private android.view.View | <u>mLoginFormView</u>
Contains a View of the login form of the account that is logging in |
| private android.widget.EditText | <u>mPasswordView</u>
Contains a EditText of the password of the account that is logging in |
| private android.app.ProgressDialog | <u>progressDialog</u>
Contains a ProgressDialog of the account that is logging in |
| private static int | <u>REQUEST_READ_CONTACTS</u>
Id to identity READ_CONTACTS permission request. |

◇ Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

◇ Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE

◇ Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN

◆ Constructor Summary

Constructor and Description

LoginActivity()

◆ Method Summary

| Modifier and Type | Method |
|-------------------|--|
| private void | <u>addEmailsToAutoComplete</u> (java.util.List<String> emails)
Creates adapter to tell the AutoCompleteTextView about the available emails. |
| private void | <u>attemptLogin</u> ()
Attempts to sign in or register the account. |

private boolean

isEmailValid(java.lang.String email)
Checks if the email is valid.

private boolean

isPasswordValid(java.lang.String password)
Checks if the password is valid.

private boolean

mayRequestContacts()
Requests the user's permission to access the contacts.

void

onBackPressed()
Prevents the user from using the back button.

protected void

onCreate(android.os.Bundle savedInstanceState)
Creates and inflates the layout of the activity.

android.content.Loader<android.database.Cursor>

onCreateLoader(int i, android.os.Bundle savedInstanceState)
Creates and inflates the layout of the loader.

void

onLoaderReset(android.content.Loader<T> loader)
Handles if the loader is reset.

void

onLoadFinished(android.content.Loader<T> loader, android.database.Cursor cursor)
Handles if the loader is finished.

void

onRequestPermissionsResult(int requestCode, String[] permissions, int[] grantResults)
Callback received when a permissions request is granted or denied.

private void

populateAutoComplete()
Fills in the blanks if the permission for the auto-complete is granted.

void

startRegisterActivityView(android.view.View view)
Starts the RegisterActivity

private void

userLogin(java.lang.String email, java.lang.String password)
Logs the user in



Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected, onMenuOpened, onPanelClosed, onCreate, onResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged,

onNewIntent, onPause, onPictureInPictureModeChanged,
onPrepareOptionsPanel, onPreparePanel, onResume, onResumeFragments,
onRetainCustomNonConfigurationInstance,
onRetainNonConfigurationInstance, onStateNotSaved,
setEnterSharedElementCallback, setExitSharedElementCallback,
setSupportMediaController, startActivityForResult,
startActivityFromFragment, startActivityFromFragment,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition,
supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult,
dismissDialog, dismissKeyboardShortcutsHelper,
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
dispatchTrackballEvent, enterPictureInPictureMode, finish,
finishActivity, finishActivityFromChild, finishAffinity,
finishAfterTransition, finishAndRemoveTask, finishFromChild,
getActionBar, getApplication, getCallingActivity, getCallingPackage,
getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager,
getIntent, getLastNonConfigurationInstance, getLayoutInflater,
getLoaderManager, getLocalClassName, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer,
getRequestedOrientation, getSearchEvent, getSystemService,
getTaskId, getTitle, getTitleColor, getVoiceInteractor,
getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,
isChangingConfigurations, isChild, isDestroyed, isFinishing,
isImmersive, isInMultiWindowMode, isInPictureInPictureMode,
isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,
isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,
navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow,
onAttachFragment, onChildTitleChanged, onContextItemSelected,
onContextMenuClosed, onCreate, onCreateContextMenu,
onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, onTouchEvent,
onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged,
onWindowFocusChanged, onWindowStartingActionMode,
onWindowStartingActionMode, openContextMenu, openOptionsMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog,
reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
requestShowKeyboardShortcuts, requestVisibleBehind,

```
requestWindowFeature, runOnUiThread, setActionBar,
setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback,
setFeatureDrawable, setFeatureDrawableAlpha,
setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent,
setMediaController, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setTaskDescription, setTitle, setTitle, setTitleColor, setVisible,
setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
startActionMode, startActionMode, startActivities, startActivities,
startActivity, startActivity, startActivityFromChild,
startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, startIntentSender,
startIntentSenderFromChild, startIntentSenderFromChild,
startLocalVoiceInteraction, startLockTask, startManagingCursor,
startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch,
stopLocalVoiceInteraction, stopLockTask, stopManagingCursor,
takeKeyEvents, triggerSearch, unregisterForContextMenu
```



Methods inherited from class android.view.ContextThemeWrapper

```
applyOverrideConfiguration, attachBaseContext, getAssets, getTheme
```



Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission,
checkCallingOrSelfPermission, checkCallingPermission,
checkCallingUriPermission, checkPermission, checkSelfPermission,
checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createDeviceProtectedStorageContext,
createDisplayContext, createPackageContext, databaseList,
deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,
enforceCallingPermission, enforceCallingUriPermission,
enforcePermission, enforceUriPermission, enforceUriPermission,
fileList, getApplicationContext, getApplicationInfo, getBaseContext,
getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver,
getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper,
getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
```

```
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```



Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```



Methods inherited from class java.lang.Object

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



Field Detail

◇ REQUEST_READ_CONTACTS

```
private static final int REQUEST_READ_CONTACTS
```

Id to identity READ_CONTACTS permission request.

See Also:

[Constant Field Values](#)

◇ firebaseAuth

```
private com.google.firebase.auth.FirebaseAuth firebaseAuth
```

Defining Firebase auth object

◇ progressDialog

```
private android.app.ProgressDialog progressDialog
```

Contains a ProgressDialog of the account that is logging in

◇ mEmailView

```
private android.widget.AutoCompleteTextView mEmailView
```

Contains a AutoCompleteTextView of the email of the account that is logging in

◇ mPasswordView

```
private android.widget.EditText mPasswordView
```

Contains a EditText of the password of the account that is logging in

◇ cancel

```
private boolean cancel
```

Contains a boolean value of cancellation for the account that is logging in

◇ **focusView**

```
private android.view.View focusView
```

Contains a View of the focus of the account that is logging in

◇ **mLoginFormView**

```
private android.view.View mLoginFormView
```

Contains a View of the login form of the account that is logging in



Constructor Detail

◇ **LoginActivity**

```
public LoginActivity()
```



Method Detail

◇ **onCreate**

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflates the layout of the activity.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

◇ **populateAutoComplete**

```
private void populateAutoComplete()
```

Fills in the blanks if the permission for the contacts is not granted.

◇ **mayRequestContacts**

```
private boolean mayRequestContacts()
```

Requests the user's permission to access the contacts.

◇ **onRequestPermissionsResult**

```
public void onRequestPermissionsResult(int requestCode,
                                       @NonNull
                                       java.lang.String[] permissions,
                                       @NonNull
                                       int[] grantResults)
```

Callback received when a permissions request has been completed.

Specified by:

onRequestPermissionsResult in

interface android.support.v4.app.ActivityCompat.OnRequestPermissionsResultListener

Overrides:

onRequestPermissionsResult in

class android.support.v4.app.FragmentActivity

◇ **attemptLogin**

```
private void attemptLogin()
```

Attempts to sign in or register the account specified by the login form. If there are form errors (invalid email, missing fields, etc.), the errors are presented and no actual login attempt is made.

◇ **isEmailValid**

```
private boolean isEmailValid(java.lang.String email)
```

Checks if the email is valid.

◇ **isPasswordValid**

```
private boolean isPasswordValid(java.lang.String password)
```

Checks if the password is valid.

◇ **onCreateLoader**

```
public android.content.Loader<android.database.Cursor> onCreateLoader(int id, android.os.Bundle bundle)
```

Creates and inflates the layout of the loader.

Specified by:

```
onCreateLoader in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ **onLoadFinished**

```
public void onLoadFinished(android.content.Loader<android.database.Cursor> loader, android.database.Cursor cursor)
```

Handles if the loader is finished.

Specified by:

```
onLoadFinished in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ **onLoaderReset**

```
public void onLoaderReset(android.content.Loader<android.database.Cursor> loader)
```

Handles if the loader is reset.

Specified by:

```
onLoaderReset in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ **addEmailsToAutoComplete**

```
private void addEmailsToAutoComplete(java.util.List<java.lang.String> emailList)
```

Creates adapter to tell the AutoCompleteTextView what to show in its dropdown list.

◇ **userLogin**

```
private void userLogin(java.lang.String email,  
                      java.lang.String password)
```

Logs the user in

◇ **startRegisterActivityView**

```
public void startRegisterActivityView(android.view.View view)
```

Starts the RegisterActivity

◇ **onBackPressed**

```
public void onBackPressed()
```

Prevents the user from using the back button

Overrides:

```
onBackPressed in class android.support.v4.app.FragmentActivity
```

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ultramirinc.champs_mood

Class MyAdapterSchedule

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderSchedule](#)>
 - ◆
 - ◇ ultramirinc.champs_mood.MyAdapterSchedule

```
public class
extends android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSchedule>
```

Created by William on 2017-04-13. This class makes the transition between the raw data and a visual interpretation for the user's breaks

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|---|--|
| (package private) java.util.List< Break > | list
Contains the list of the schedule's breaks |

◆ Constructor Summary

Constructor and Description

[MyAdapterSchedule](#) ()

[MyAdapterSchedule](#) (java.util.List<[Break](#)> list)



Method Summary

| Modifier and Type | Method and Description |
|---|--|
| private void | <u>deleteBreakFromDb</u> (<u>Break</u> breakToDelete)
Deletes a break. |
| int | <u>getItemCount</u> ()
Returns the size of the list. |
| void | <u>onBindViewHolder</u> (<u>MyViewHolderSchedule</u> myViewHolderSchedule, int position)
Binds the information from a given break with the ViewHolder. |
| <u>MyViewHolderSchedule</u> | <u>onCreateViewHolder</u> (android.view.ViewGroup viewGroup, int itemType)
Creates a Visual interpretation using a custom ViewHolder. |



Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

`bindViewHolder, onCreateViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver`



Methods inherited from class java.lang.Object

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



Field Detail

◆ list

`java.util.List<Break> list`

Contains the list of the schedule's breaks

◆ Constructor Detail

◆ MyAdapterSchedule

```
public MyAdapterSchedule(java.util.List<Break> list)
```

◆ MyAdapterSchedule

```
public MyAdapterSchedule()
```



Method Detail

◆ onCreateViewHolder

```
public MyViewHolderSchedule onCreateViewHolder(android.view.ViewGroup viewG  
int itemType)
```

Creates a Visual interpretation using a custom ViewHolder.

Specified by:

onCreateViewHolder in

class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSchedule>

◆ onBindViewHolder

```
public void onBindViewHolder(MyViewHolderSchedule myViewHolderSchedule,  
int position)
```

Binds the information from a given break with the ViewHolder.

Specified by:

onBindViewHolder in

class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSchedule>

◆ deleteBreakFromDb

```
private void deleteBreakFromDb(Break breakToDelete)
```

Deletes a break.

◆ getItemCount

```
public int getItemCount()
```

Returns the size of the list.

Specified by:

getItemCount in

class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSchedule>

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ultramirinc.champs_mood

Class MyViewHolderSchedule

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.ViewHolder
 - ◆ ◊ ultramirinc.champs_mood.MyViewHolderSchedule

•

```
public class
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Created by William on 2017-04-13. Transforms raw Data into a visual interpretation for the user.

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|---------------------------------|---|
| private android.widget.TextView | dayView
Contains the TextView of the break's day |

| | |
|--|--|
| <code>private android.widget.Button</code> | <u>delete</u>
Contains the Button of the break's delete button |
| <code>private android.widget.TextView</code> | <u>fromTimeView</u>
Contains the TextView of the break's begin time |
| <code>private android.widget.TextView</code> | <u>toTimeView</u>
Contains the TextView of the break's end time |



Fields inherited from class `android.support.v7.widget.RecyclerView.ViewHolder`

`itemView`



Constructor Summary

Constructor and Description

[MyViewHolderSchedule](#)(`android.view.View itemView`)



Method Summary

| Modifier and Type | Method and Description |
|--------------------------------------|---|
| <code>void</code> | <u>bind</u> (<u>Break</u> myBreak)
Binds the break's day, begin time and end time to their respective TextView variables. |
| <code>android.widget.TextView</code> | <u>getDayView</u> ()
Getter for dayView. |
| <code>android.widget.Button</code> | <u>getDelete</u> ()
Getter for delete. |
| <code>android.widget.TextView</code> | <u>getFromTimeView</u> ()
Getter for fromTimeView. |
| <code>android.widget.TextView</code> | <u>getToTimeView</u> ()
Getter for toTimeView. |
| <code>void</code> | <u>setDayView</u> (<code>android.widget.TextView dayView</code>)
Setter for dayView. |
| <code>void</code> | <u>setDelete</u> (<code>android.widget.Button delete</code>)
Setter for delete. |
| <code>void</code> | <u>setFromTimeView</u> (<code>android.widget.TextView fromTimeView</code>)
Setter for fromTimeView. |
| <code>void</code> | <u>setToTimeView</u> (<code>android.widget.TextView toTimeView</code>)
Setter for toTimeView. |



Methods inherited from class `android.support.v7.widget.RecyclerView.ViewHolder`

`getAdapterPosition`, `getItemId`, `getItemViewType`, `getLayoutPosition`, `getOldPosition`, `getPosition`, `isRecyclable`, `setIsRecyclable`, `toString`

◇ Methods inherited from class java.lang.Object

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

- ◇ **Field Detail**

◇ **delete**

`private android.widget.Button delete`

Contains the Button of the break's delete button

◇ **dayView**

`private android.widget.TextView dayView`

Contains the TextView of the break's day

◇ **fromTimeView**

`private android.widget.TextView fromTimeView`

Contains the TextView of the break's begin time

◇ **toTimeView**

`private android.widget.TextView toTimeView`

Contains the TextView of the break's end time

- ◇ **Constructor Detail**

◇ **MyViewHolderSchedule**

`public MyViewHolderSchedule(android.view.View itemView)`

- ◇ **Method Detail**

◇ **bind**

`public void bind(Break myBreak)`

Binds the break's day, begin time and end time to their respective TextView variables.

◇ **getDelete**

`public android.widget.Button getDelete()`

Getter for delete.

◇ **setDelete**

```
public void setDelete(android.widget.Button delete)
```

Setter for delete.

◇ **getDayView**

```
public android.widget.TextView getDayView()
```

Getter for dayView.

◇ **setDayView**

```
public void setDayView(android.widget.TextView dayView)
```

Setter for dayView.

◇ **getFromTimeView**

```
public android.widget.TextView getFromTimeView()
```

Getter for fromTimeView.

◇ **setFromTimeView**

```
public void setFromTimeView(android.widget.TextView fromTimeView)
```

Setter for fromTimeView.

◇ **getToTimeView**

```
public android.widget.TextView getToTimeView()
```

Getter for toTimeView.

◇ **setToTimeView**

```
public void setToTimeView(android.widget.TextView toTimeView)
```

Setter for toTimeView.

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ultramirinc.champs_mood

Class MyViewPager

- java.lang.Object
 - - ◆ android.view.View
 - ◆
 - ◇ android.view.ViewGroup
 - ◇
 - android.support.v4.view.ViewPager
 - - ultramirinc.champs_mood.MyViewPager
 - All Implemented Interfaces:
 - android.graphics.drawable.Drawable.Callback,
 - android.view.accessibility.AccessibilityEventSource, android.view.KeyEvent.Callback,
 - android.view.ViewManager, android.view.ViewParent

```
public class
extends android.support.v4.view.ViewPager
```

Created by William on 2017-04-27. This class is a custom ViewPager in order to remove the swiping behavior.

◆ Nested Class Summary



Nested classes/interfaces inherited from class android.support.v4.view.ViewPager

```
android.support.v4.view.ViewPager.DecorView,  
android.support.v4.view.ViewPager.LayoutParams,  
android.support.v4.view.ViewPager.OnAdapterChangeListener,  
android.support.v4.view.ViewPager.OnPageChangeListener,  
android.support.v4.view.ViewPager.PageTransformer,  
android.support.v4.view.ViewPager.SavedState,  
android.support.v4.view.ViewPager.SimpleOnPageChangeListener
```



Nested classes/interfaces inherited from class android.view.ViewGroup

```
android.view.ViewGroup.MarginLayoutParams,  
android.view.ViewGroup.OnHierarchyChangeListener
```



Nested classes/interfaces inherited from class android.view.View

```
android.view.View.AccessibilityDelegate,  
android.view.View.BaseSavedState,  
android.view.View.DragShadowBuilder, android.view.View.MeasureSpec,  
android.view.View.OnApplyWindowInsetsListener,  
android.view.View.OnAttachStateChangeListener,  
android.view.View.OnClickListener,  
android.view.View.OnContextClickListener,  
android.view.View.OnCreateContextMenuListener,  
android.view.View.OnDragListener,  
android.view.View.OnFocusChangeListener,  
android.view.View.OnGenericMotionListener,  
android.view.View.OnHoverListener, android.view.View.OnKeyListener,  
android.view.View.OnLayoutChangeListener,  
android.view.View.OnLongClickListener,  
android.view.View.OnScrollChangeListener,  
android.view.View.OnSystemUiVisibilityChangeListener,  
android.view.View.OnTouchListener
```



Field Summary

| Modifier and Type | Field and Description |
|-------------------|---|
| private boolean | <u>enabled</u>
Is the behavior enabled |



Fields inherited from class android.support.v4.view.ViewPager

```
SCROLL_STATE_DRAGGING, SCROLL_STATE_IDLE, SCROLL_STATE_SETTLING
```

◇ Fields inherited from class android.view.ViewGroup

CLIP_TO_PADDING_MASK, FOCUS_AFTER_DESCENDANTS,
FOCUS_BEFORE_DESCENDANTS, FOCUS_BLOCK_DESCENDANTS,
LAYOUT_MODE_CLIP_BOUNDS, LAYOUT_MODE_OPTICAL_BOUNDS,
PERSISTENT_ALL_CACHES, PERSISTENT_ANIMATION_CACHE,
PERSISTENT_NO_CACHE, PERSISTENT_SCROLLING_CACHE



Fields inherited from class android.view.View

ACCESSIBILITY_LIVE_REGION_ASSERTIVE, ACCESSIBILITY_LIVE_REGION_NONE,
ACCESSIBILITY_LIVE_REGION_POLITE, ALPHA, DRAG_FLAG_GLOBAL,
DRAG_FLAG_GLOBAL_PERSISTABLE_URI_PERMISSION,
DRAG_FLAG_GLOBAL_PREFIX_URI_PERMISSION, DRAG_FLAG_GLOBAL_URI_READ,
DRAG_FLAG_GLOBAL_URI_WRITE, DRAG_FLAG_OPAQUE,
DRAWING_CACHE_QUALITY_AUTO, DRAWING_CACHE_QUALITY_HIGH,
DRAWING_CACHE_QUALITY_LOW, EMPTY_STATE_SET,
ENABLED_FOCUSED_SELECTED_STATE_SET,
ENABLED_FOCUSED_SELECTED_WINDOW_FOCUSED_STATE_SET,
ENABLED_FOCUSED_STATE_SET, ENABLED_FOCUSED_WINDOW_FOCUSED_STATE_SET,
ENABLED_SELECTED_STATE_SET,
ENABLED_SELECTED_WINDOW_FOCUSED_STATE_SET, ENABLED_STATE_SET,
ENABLED_WINDOW_FOCUSED_STATE_SET,
FIND_VIEWS_WITH_CONTENT_DESCRIPTION, FIND_VIEWS_WITH_TEXT,
FOCUS_BACKWARD, FOCUS_DOWN, FOCUS_FORWARD, FOCUS_LEFT, FOCUS_RIGHT,
FOCUS_UP, FOCUSABLES_ALL, FOCUSABLES_TOUCH_MODE,
FOCUSED_SELECTED_STATE_SET,
FOCUSED_SELECTED_WINDOW_FOCUSED_STATE_SET, FOCUSED_STATE_SET,
FOCUSED_WINDOW_FOCUSED_STATE_SET, GONE, HAPTIC_FEEDBACK_ENABLED,
IMPORTANT_FOR_ACCESSIBILITY_AUTO, IMPORTANT_FOR_ACCESSIBILITY_NO,
IMPORTANT_FOR_ACCESSIBILITY_NO_HIDE_DESCENDANTS,
IMPORTANT_FOR_ACCESSIBILITY_YES, INVISIBLE, KEEP_SCREEN_ON,
LAYER_TYPE_HARDWARE, LAYER_TYPE_NONE, LAYER_TYPE_SOFTWARE,
LAYOUT_DIRECTION_INHERIT, LAYOUT_DIRECTION_LOCALE,
LAYOUT_DIRECTION_LTR, LAYOUT_DIRECTION_RTL,
MEASURED_HEIGHT_STATE_SHIFT, MEASURED_SIZE_MASK,
MEASURED_STATE_MASK, MEASURED_STATE_TOO_SMALL, NO_ID,
OVER_SCROLL_ALWAYS, OVER_SCROLL_IF_CONTENT_SCROLLS,
OVER_SCROLL_NEVER, PRESSED_ENABLED_FOCUSED_SELECTED_STATE_SET,
PRESSED_ENABLED_FOCUSED_SELECTED_WINDOW_FOCUSED_STATE_SET,
PRESSED_ENABLED_FOCUSED_STATE_SET,
PRESSED_ENABLED_FOCUSED_WINDOW_FOCUSED_STATE_SET,
PRESSED_ENABLED_SELECTED_STATE_SET,
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PRESSED_ENABLED_STATE_SET, PRESSED_ENABLED_WINDOW_FOCUSED_STATE_SET,
PRESSED_FOCUSED_SELECTED_STATE_SET,
PRESSED_FOCUSED_SELECTED_WINDOW_FOCUSED_STATE_SET,
PRESSED_FOCUSED_STATE_SET, PRESSED_FOCUSED_WINDOW_FOCUSED_STATE_SET,
PRESSED_SELECTED_STATE_SET,
PRESSED_SELECTED_WINDOW_FOCUSED_STATE_SET, PRESSED_STATE_SET,
PRESSED_WINDOW_FOCUSED_STATE_SET, ROTATION, ROTATION_X, ROTATION_Y,
SCALE_X, SCALE_Y, SCREEN_STATE_OFF, SCREEN_STATE_ON,
SCROLL_AXIS_HORIZONTAL, SCROLL_AXIS_NONE, SCROLL_AXIS_VERTICAL,
SCROLL_INDICATOR_BOTTOM, SCROLL_INDICATOR_END,
SCROLL_INDICATOR_LEFT, SCROLL_INDICATOR_RIGHT,
SCROLL_INDICATOR_START, SCROLL_INDICATOR_TOP,
SCROLLBAR_POSITION_DEFAULT, SCROLLBAR_POSITION_LEFT,
SCROLLBAR_POSITION_RIGHT, SCROLLBARS_INSIDE_INSET,
SCROLLBARS_INSIDE_OVERLAY, SCROLLBARS_OUTSIDE_INSET,
SCROLLBARS_OUTSIDE_OVERLAY, SELECTED_STATE_SET,
SELECTED_WINDOW_FOCUSED_STATE_SET, SOUND_EFFECTS_ENABLED,
STATUS_BAR_HIDDEN, STATUS_BAR_VISIBLE, SYSTEM_UI_FLAG_FULLSCREEN,
SYSTEM_UI_FLAG_HIDE_NAVIGATION, SYSTEM_UI_FLAG_IMMERSIVE,

SYSTEM_UI_FLAG_IMMERSIVE_STICKY, SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN,
 SYSTEM_UI_FLAG_LAYOUT_HIDE_NAVIGATION, SYSTEM_UI_FLAG_LAYOUT_STABLE,
 SYSTEM_UI_FLAG_LIGHT_STATUS_BAR, SYSTEM_UI_FLAG_LOW_PROFILE,
 SYSTEM_UI_FLAG_VISIBLE, SYSTEM_UI_LAYOUT_FLAGS,
 TEXT_ALIGNMENT_CENTER, TEXT_ALIGNMENT_GRAVITY,
 TEXT_ALIGNMENT_INHERIT, TEXT_ALIGNMENT_TEXT_END,
 TEXT_ALIGNMENT_TEXT_START, TEXT_ALIGNMENT_VIEW_END,
 TEXT_ALIGNMENT_VIEW_START, TEXT_DIRECTION_ANY_RTL,
 TEXT_DIRECTION_FIRST_STRONG, TEXT_DIRECTION_FIRST_STRONG_LTR,
 TEXT_DIRECTION_FIRST_STRONG_RTL, TEXT_DIRECTION_INHERIT,
 TEXT_DIRECTION_LOCALE, TEXT_DIRECTION_LTR, TEXT_DIRECTION_RTL,
 TRANSLATION_X, TRANSLATION_Y, TRANSLATION_Z, VIEW_LOG_TAG, VISIBLE,
 WINDOW_FOCUSED_STATE_SET, X, Y, Z

◆ Constructor Summary

Constructor and Description

MyViewPager(android.content.Context context,
 android.util.AttributeSet attrs)

◆ Method Summary

Modifier and Type

Method and Description

| | |
|---------|---|
| boolean | <u>isPagingEnabled</u> ()
Getter for enabled |
| boolean | <u>onInterceptTouchEvent</u> (android.view.MotionEvent event)
Handles what happens when touch event is intercepted |
| boolean | <u>onTouchEvent</u> (android.view.MotionEvent event)
Handles what happens when the ViewPager is touched |
| void | <u>setPagingEnabled</u> (boolean enabled)
Setter for enabled |



Methods inherited from class android.support.v4.view.ViewPager

addFocusables, addOnAdapterChangeListener, addOnPageChangeListener,
 addTouchables, addView, arrowScroll, beginFakeDrag, canScroll,
 canScrollHorizontally, checkLayoutParams,
 clearOnPageChangeListeners, computeScroll, dispatchKeyEvent,
 dispatchPopulateAccessibilityEvent, draw, drawableStateChanged,
 endFakeDrag, executeKeyEvent, fakeDragBy,
 generateDefaultLayoutParams, generateLayoutParams,
 generateLayoutParams, getAdapter, getChildDrawingOrder,
 getCurrentItem, getOffscreenPageLimit, getPageMargin,
 isFakeDragging, onAttachedToWindow, onDetachedFromWindow, onDraw,
 onLayout, onMeasure, onPageScrolled, onRequestFocusInDescendants,
 onRestoreInstanceState, onSaveInstanceState, onSizeChanged,
 removeOnAdapterChangeListener, removeOnPageChangeListener,
 removeView, setAdapter, setCurrentItem, setCurrentItem,
 setOffscreenPageLimit, setOnPageChangeListener, setPageMargin,
 setPageMarginDrawable, setPageMarginDrawable, setPageTransformer,
 setPageTransformer, verifyDrawable

◇ Methods inherited from class android.view.ViewGroup

addChildrenForAccessibility, addStatesFromChildren, addView, addView, addView, addView, addViewInLayout, addViewInLayout, attachLayoutAnimationParameters, attachViewToParent, bringChildToFront, canAnimate, childDrawableStateChanged, childHasTransientStateChanged, cleanupLayoutState, clearChildFocus, clearDisappearingChildren, clearFocus, debug, detachAllViewsFromParent, detachViewFromParent, detachViewFromParent, detachViewsFromParent, dispatchApplyWindowInsets, dispatchConfigurationChanged, dispatchDisplayHint, dispatchDragEvent, dispatchDraw, dispatchDrawableHotspotChanged, dispatchFreezeSelfOnly, dispatchGenericFocusedEvent, dispatchGenericPointerEvent, dispatchHoverEvent, dispatchKeyEventPreIme, dispatchKeyShortcutEvent, dispatchProvideStructure, dispatchRestoreInstanceState, dispatchSaveInstanceState, dispatchSetActivated, dispatchSetPressed, dispatchSetSelected, dispatchSystemUiVisibilityChanged, dispatchThawSelfOnly, dispatchTouchEvent, dispatchTrackballEvent, dispatchUnhandledMove, dispatchVisibilityChanged, dispatchWindowFocusChanged, dispatchWindowSystemUiVisiblityChanged, dispatchWindowVisibilityChanged, drawChild, endViewTransition, findFocus, findViewsWithText, focusableViewAvailable, focusSearch, gatherTransparentRegion, getAccessibilityClassName, getChildAt, getChildCount, getChildMeasureSpec, getChildStaticTransformation, getChildVisibleRect, getClipChildren, getClipToPadding, getDescendantFocusability, getFocusedChild, getLayoutAnimation, getLayoutAnimationListener, getLayoutMode, getLayoutTransition, getNestedScrollAxes, getOverlay, getPersistentDrawingCache, getTouchscreenBlocksFocus, hasFocus, hasFocusable, hasTransientState, indexOfChild, invalidateChild, invalidateChildInParent, isAlwaysDrawnWithCacheEnabled, isAnimationCacheEnabled, isChildrenDrawingOrderEnabled, isChildrenDrawnWithCacheEnabled, isMotionEventSplittingEnabled, isTransitionGroup, jumpDrawablesToCurrentState, layout, measureChild, measureChildren, measureChildWithMargins, notifySubtreeAccessibilityStateChanged, offsetDescendantRectToMyCoords, offsetRectIntoDescendantCoords, onCreateDrawableState, onInterceptHoverEvent, onNestedFling, onNestedPreFling, onNestedPrePerformAccessibilityAction, onNestedPreScroll, onNestedScroll, onNestedScrollAccepted, onRequestSendAccessibilityEvent, onResolvePointerIcon, onStartNestedScroll, onStopNestedScroll, onViewAdded, onViewRemoved, recomputeViewAttributes, removeAllViews, removeAllViewsInLayout, removeDetachedView, removeViewAt, removeViewInLayout, removeViews, removeViewsInLayout, requestChildFocus, requestChildRectangleOnScreen, requestDisallowInterceptTouchEvent, requestFocus, requestSendAccessibilityEvent, requestTransparentRegion, scheduleLayoutAnimation, setAddStatesFromChildren, setAlwaysDrawnWithCacheEnabled, setAnimationCacheEnabled, setChildrenDrawingCacheEnabled, setChildrenDrawingOrderEnabled, setChildrenDrawnWithCacheEnabled, setClipChildren, setClipToPadding, setDescendantFocusability, setLayoutAnimation, setLayoutAnimationListener, setLayoutMode, setLayoutTransition, setMotionEventSplittingEnabled, setOnHierarchyChangeListener, setPersistentDrawingCache, setStaticTransformationsEnabled, setTouchscreenBlocksFocus, setTransitionGroup, shouldDelayChildPressedState, showContextMenuForChild, showContextMenuForChild, startActionModeForChild, startActionModeForChild, startLayoutAnimation, startViewTransition, updateViewLayout

Methods inherited from class android.view.View

addFocusables, addOnAttachStateChangeListener, addOnLayoutChangeListener, animate, announceForAccessibility, awakenScrollBars, awakenScrollBars, awakenScrollBars, bringToFront, buildDrawingCache, buildDrawingCache, buildLayer, callOnClick, cancelDragAndDrop, cancelLongPress, cancelPendingInputEvents, canResolveLayoutDirection, canResolveTextAlignment, canResolveTextDirection, canScrollVertically, checkInputConnectionProxy, clearAnimation, combineMeasuredStates, computeHorizontalScrollExtent, computeHorizontalScrollOffset, computeHorizontalScrollRange, computeSystemWindowInsets, computeVerticalScrollExtent, computeVerticalScrollOffset, computeVerticalScrollRange, createAccessibilityNodeInfo, createContextMenu, destroyDrawingCache, dispatchFinishTemporaryDetach, dispatchGenericMotionEvent, dispatchNestedFling, dispatchNestedPreFling, dispatchNestedPrePerformAccessibilityAction, dispatchNestedPreScroll, dispatchNestedScroll, dispatchStartTemporaryDetach, drawableHotspotChanged, findViewById, findViewByIdWithTag, fitSystemWindows, focusSearch, forceHasOverlappingRendering, forceLayout, generateViewId, getAccessibilityLiveRegion, getAccessibilityNodeProvider, getAccessibilityTraversalAfter, getAccessibilityTraversalBefore, getAlpha, getAnimation, getApplicationWindowToken, getBackground, getBackgroundTintList, getBackgroundTintMode, getBaseline, getBottom, getBottomFadingEdgeStrength, getBottomPaddingOffset, getCameraDistance, getClipBounds, getClipBounds, getClipToOutline, getContentDescription, getContext, getContextMenuInfo, getDefaultSize, getDisplay, getDrawableState, getDrawingCache, getDrawingCache, getDrawingCacheBackgroundColor, getDrawingCacheQuality, getDrawingRect, getDrawingTime, getElevation, getFilterTouchesWhenObscured, getFitsSystemWindows, getFocusables, getFocusedRect, getForeground, getForegroundGravity, getForegroundTintList, getForegroundTintMode, getGlobalVisibleRect, getGlobalVisibleRect, getHandler, getHasOverlappingRendering, getHeight, getHitRect, getHorizontalFadingEdgeLength, getHorizontalScrollbarHeight, getId, getImportantForAccessibility, getKeepScreenOn, getKeyDispatcherState, getLabelFor, getLayerType, getLayoutDirection, getLayoutParams, getLeft, getLeftFadingEdgeStrength, getLeftPaddingOffset, getLocalVisibleRect, getLocationInWindow, getLocationOnScreen, getMatrix, getMeasuredHeight, getMeasuredHeightAndState, getMeasuredState, getMeasuredWidth, getMeasuredWidthAndState, getMinimumHeight, getMinimumWidth, getNextFocusDownId, getNextFocusForwardId, getNextFocusLeftId, getNextFocusRightId, getNextFocusUpId, getOnFocusChangeListener, getOutlineProvider, getOverScrollMode, getPaddingBottom, getPaddingEnd, getPaddingLeft, getPaddingRight, getPaddingStart, getPaddingTop, getParent, getParentForAccessibility, getPivotX, getPivotY, getPointerIcon, getResources, getRevealOnFocusHint, getRight, getRightFadingEdgeStrength, getRightPaddingOffset, getRootView, getRootWindowInsets, getRotation, getRotationX, getRotationY, getScaleX, getScaleY, getScrollBarDefaultDelayBeforeFade, getScrollBarFadeDuration, getScrollBarSize, getScrollBarStyle, getScrollIndicators, getScrollX, getScrollY, getSolidColor, getStateListAnimator, getSuggestedMinimumHeight, getSuggestedMinimumWidth, getSystemUiVisibility, getTag, getTag, getTextAlignment, getTextDirection, getTop, getTopFadingEdgeStrength, getTopPaddingOffset, getTouchables, getTouchDelegate, getTransitionName, getTranslationX, getTranslationY, getTranslationZ, getVerticalFadingEdgeLength, getVerticalScrollbarPosition, getVerticalScrollbarWidth, getViewTreeObserver, getVisibility, getWidth, getWindowAttachCount,

getWindowId, getWindowSystemUiVisibility, getWindowToken,
getWindowVisibility, getWindowVisibleDisplayFrame, getX, getY, getZ,
hasNestedScrollingParent, hasOnClickListeners,
hasOverlappingRendering, hasWindowFocus, inflate, invalidate,
invalidate, invalidate, invalidateDrawable, invalidateOutline,
isAccessibilityFocused, isActivated, isAttachedToWindow,
isClickable, isContextClickable, isDirty, isDrawingCacheEnabled,
isDuplicateParentStateEnabled, isEnabled, isFocusable,
isFocusableInTouchMode, isFocused, isHapticFeedbackEnabled,
isHardwareAccelerated, isHorizontalFadingEdgeEnabled,
isHorizontalScrollBarEnabled, isHovered,
isImportantForAccessibility, isInEditMode, isInLayout,
isInTouchMode, isLaidOut, isLayoutDirectionResolved,
isLayoutRequested, isLongClickable, isNestedScrollingEnabled,
isOpaque, isPaddingOffsetRequired, isPaddingRelative, isPressed,
isSaveEnabled, isSaveFromParentEnabled, isScrollbarFadingEnabled,
isScrollContainer, isSelected, isShown, isSoundEffectsEnabled,
isTemporarilyDetached, isTextAlignmentResolved,
isTextDirectionResolved, isVerticalFadingEdgeEnabled,
isVerticalScrollBarEnabled, measure, mergeDrawableStates,
offsetLeftAndRight, offsetTopAndBottom, onAnimationEnd,
onAnimationStart, onApplyWindowInsets, onCancelPendingInputEvents,
onCheckIsTextEditor, onConfigurationChanged, onCreateContextMenu,
onCreateInputConnection, onDisplayHint, onDragEvent,
onDrawForeground, onDrawScrollBars, onFilterTouchEventForSecurity,
onFinishInflate, onFinishTemporaryDetach, onFocusChanged,
onGenericMotionEvent, onHoverChanged, onHoverEvent,
onInitializeAccessibilityEvent, onInitializeAccessibilityNodeInfo,
onKeyDown, onKeyLongPress, onKeyMultiple, onKeyPreIme,
onKeyShortcut, onKeyUp, onOverScrolled,
onPopulateAccessibilityEvent, onProvideStructure,
onProvideVirtualStructure, onRtlPropertiesChanged,
onScreenStateChanged, onScrollChanged, onSetAlpha,
onStartTemporaryDetach, onTrackballEvent, onVisibilityAggregated,
onVisibilityChanged, onWindowFocusChanged,
onWindowSystemUiVisibilityChanged, onWindowVisibilityChanged,
overScrollBy, performAccessibilityAction, performClick,
performContextClick, performContextClick, performHapticFeedback,
performHapticFeedback, performLongClick, performLongClick,
playSoundEffect, post, postDelayed, postInvalidate, postInvalidate,
postInvalidateDelayed, postInvalidateDelayed,
postInvalidateOnAnimation, postInvalidateOnAnimation,
postOnAnimation, postOnAnimationDelayed, refreshDrawableState,
removeCallbacks, removeOnAttachStateChangeListener,
removeOnLayoutChangeListener, requestApplyInsets,
requestFitSystemWindows, requestFocus, requestFocus,
requestFocusFromTouch, requestLayout, requestRectangleOnScreen,
requestRectangleOnScreen, requestUnbufferedDispatch, resolveSize,
resolveSizeAndState, restoreHierarchyState, saveHierarchyState,
scheduleDrawable, scrollBy, scrollTo, sendAccessibilityEvent,
sendAccessibilityEventUnchecked, setAccessibilityDelegate,
setAccessibilityLiveRegion, setAccessibilityTraversalAfter,
setAccessibilityTraversalBefore, setActivated, setAlpha,
setAnimation, setBackground, setBackgroundColor,
setBackgroundDrawable, setBackgroundResource, setBackgroundTintList,
setBackgroundTintMode, setBottom, setCameraDistance, setClickable,
setClipBounds, setClipToOutline, setContentDescription,
setContextClickable, setDrawingCacheBackgroundColor,
setDrawingCacheEnabled, setDrawingCacheQuality,
setDuplicateParentStateEnabled, setElevation, isEnabled,
setFadingEdgeLength, setFilterTouchesWhenObscured,
setFitsSystemWindows, setFocusable, setFocusableInTouchMode,
setForeground, setForegroundGravity, setForegroundTintList,
setForegroundTintMode, setHapticFeedbackEnabled,
setHasTransientState, setHorizontalFadingEdgeEnabled,

◆ Constructor Detail

◇ MyViewPager

```
public MyViewPager(android.content.Context context,  
                  android.util.AttributeSet attrs)
```

◆ Method Detail

◇ onTouchEvent

```
public boolean onTouchEvent(android.view.MotionEvent event)
```

Handles what happens when the ViewPager is touched

Overrides:

onTouchEvent in class android.support.v4.view.ViewPager

◇ onInterceptTouchEvent

```
public boolean onInterceptTouchEvent(android.view.MotionEvent event)
```

Handles what happens when touch event is intercepted

Overrides:

onInterceptTouchEvent in class android.support.v4.view.ViewPager

◇ setPagingEnabled

```
public void setPagingEnabled(boolean enabled)
```

Setter for enabled

◇ isPagingEnabled

```
public boolean isPagingEnabled()
```

Getter for enabled

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Interface RegisterActivity.ProfileQuery

- Enclosing class:
[RegisterActivity](#)
-

```
private static interface
```

Interface for the profile query

-  **Field Summary**

| Modifier and Type | Field and Description |
|---------------------------|----------------------------|
| static int | ADDRESS |
| static int | IS_PRIMARY |
| static java.lang.String[] | PROJECTION |

- ◆ **Field Detail**

◆ **PROJECTION**

```
static final java.lang.String[] PROJECTION
```

◆ **ADDRESS**

```
static final int ADDRESS
```

See Also:

[Constant Field Values](#)

◆ **IS_PRIMARY**

```
static final int IS_PRIMARY
```

See Also:

[Constant Field Values](#)

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Class RegisterActivity.UserRegisterTask

- java.lang.Object
 - - ◆ android.os.AsyncTask<java.lang.Void,java.lang.Void,java.lang.Boolean>
 - ◆
 - ◇ ultramirinc.champs_mood.RegisterActivity.UserRegisterTask
 - Enclosing class:
[RegisterActivity](#)
-

```
public class
extends android.os.AsyncTask<java.lang.Void, java.lang.Void, java.lang.Boolean>
```

Represents an asynchronous login/registration task used to authenticate the user.

- - ◆ **Nested Class Summary**

◇ **Nested classes/interfaces inherited from class android.os.AsyncTask**

android.os.AsyncTask.Status



Field Summary

| Modifier and Type | Field and Description |
|--------------------------|-----------------------|
| private java.lang.String | <u>mEmail</u> |
| private java.lang.String | <u>mPassword</u> |



Fields inherited from class android.os.AsyncTask

SERIAL_EXECUTOR, THREAD_POOL_EXECUTOR



Constructor Summary

Constructor and Description

UserRegisterTask(java.lang.String email, java.lang.String password)



Method Summary

| Modifier and Type | Method and Description |
|-----------------------------|--|
| protected java.lang.Boolean | <u>doInBackground</u> (java.lang.Void... params) |
| protected void | <u>onCancelled</u> () |
| protected void | <u>onPostExecute</u> (java.lang.Boolean success) |



Methods inherited from class android.os.AsyncTask

cancel, execute, execute, executeOnExecutor, get, get, getStatus, isCancelled, onCancelled, onPreExecute, onProgressUpdate, publishProgress



Methods inherited from class java.lang.Object

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



Field Detail

◇ mEmail

```
private final java.lang.String mEmail
```

◇ mPassword

```
private final java.lang.String mPassword
```



Constructor Detail

◇ UserRegisterTask

```
UserRegisterTask(java.lang.String email,  
                 java.lang.String password)
```



Method Detail

◇ doInBackground

```
protected java.lang.Boolean doInBackground(java.lang.Void... params)
```

Specified by:

doInBackground in

class android.os.AsyncTask<java.lang.Void, java.lang.Void, java.lang.Boolean>

◇ onPostExecute

```
protected void onPostExecute(java.lang.Boolean success)
```

Overrides:

onPostExecute in

class android.os.AsyncTask<java.lang.Void, java.lang.Void, java.lang.Boolean>

◇ onCancelled

```
protected void onCancelled()
```

Overrides:

onCancelled in

class android.os.AsyncTask<java.lang.Void, java.lang.Void, java.lang.Boolean>

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ultramirinc.champs_mood

Class RegisterActivity

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.RegisterActivity
 - All Implemented Interfaces:
 - android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>,
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
 - android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
 - android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
 - android.support.v4.app.TaskStackBuilder.SupportParentable,
 - android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
 - android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback,
 - android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,
 - android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
implements android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

Created by Etienne Berube on 2017-03-23. Allows the user to create an account into the Database.
This account can be used to login later on

- ◆ **Nested Class Summary**

| Modifier and Type | Class and Description |
|-----------------------------|---|
| private static
interface | <u>RegisterActivity.ProfileQuery</u>
Interface for the profile query |
| class | <u>RegisterActivity.UserRegisterTask</u>
Represents an asynchronous login/registration task used to authenticate the user. |



Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

android.support.v4.app.SupportActivity.ExtraData

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|---|--|
| private
com.google.firebase.auth.FirebaseAuth | <u>firebaseAuth</u>
Defining firebase auth object |
| private
<u>RegisterActivity.UserRegisterTask</u> | <u>mAuthTask</u>
Keep track of the login task to ensure we can cancel it if requested. |
| private android.widget.EditText | <u>mConfirmView</u>
Contains a EditText of the password confirmation of the account that is being created |
| private
android.widget.AutoCompleteTextView | <u>mEmailView</u>
Contains a AutoCompleteTextView of the email of the account that is being created |
| private
android.widget.AutoCompleteTextView | <u>mNameView</u>
Contains a AutoCompleteTextView of the name of the account that is being created |
| private android.widget.EditText | <u>mPasswordView</u>
Contains a EditText of the password of the account that is being created |

| | |
|---|---|
| <code>private android.view.View</code> | <u>mProgressView</u>
Contains a View of the progress of the account that is being created |
| <code>private android.view.View</code> | <u>mRegisterFormView</u>
Contains a View of the register form of the account that is being created |
| <code>private android.app.ProgressDialog</code> | <u>progressDialog</u>
Contains a ProgressDialog of the account that is being created |
| <code>private static int</code> | <u>REQUEST_READ_CONTACTS</u>
Id to identity READ_CONTACTS permission request. |



Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK



Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE



Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN

◆ Constructor Summary

Constructor and Description

[RegisterActivity\(\)](#)



Method Summary

| Modifier and Type | Method |
|---|--|
| private void | <u>addEmailsToAutoComplete</u> (java.util.List<String> emails)
Creates adapter to tell the AutoCompleteTextView about the available emails. |
| private void | <u>attemptLogin</u> ()
Attempts to sign in or register the account. |
| private boolean | <u>isEmailValid</u> (java.lang.String email)
Checks if the email is valid. |
| private boolean | <u>isPasswordValid</u> (java.lang.String password)
Checks if the password is valid. |
| private boolean | <u>mayRequestContacts</u> ()
Requests the user's permission to access the contacts. |
| protected void | <u>onCreate</u> (android.os.Bundle savedInstanceState)
Creates and inflates the layout of the activity. |
| android.content.Loader<android.database.Cursor> | <u>onCreateLoader</u> (int i, android.os.Bundle savedInstanceState)
Creates and inflates the layout of the loader. |
| void | <u>onLoaderReset</u> (android.content.Loader<android.database.Cursor> loader)
Handles if the loader is reset. |
| void | <u>onLoadFinished</u> (android.content.Loader<android.database.Cursor> loader, android.database.Cursor cursor)
Handles if the loader is finished. |
| void | <u>onRequestPermissionsResult</u> (int requestCode, int[] grantResults)
Callback received when a permissions request is granted or denied. |
| private void | <u>populateAutoComplete</u> ()
Fills in the blanks if the permission for the contacts is granted. |
| private void | <u>registerUser</u> (java.lang.String email, java.lang.String password)
Registers the user. |
| private void | <u>showProgress</u> (boolean show)
Shows the progress UI and hides the login button. |



Methods inherited from class android.support.v7.app.AppCompatActivity

`addContentView, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted,`

onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, setSupportMediaController, startActivityForResult, startActivityFromFragment, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsrequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isInMultiWindowMode, isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,

onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild, onOptionsItemSelected, onOptionsMenuClosed, onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSender, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme



Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getBaseContext,

```

getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver,
getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper,
getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver

```



Methods inherited from class android.content.Context

```

getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks

```



Methods inherited from class java.lang.Object

```

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

```



Field Detail

◇ REQUEST_READ_CONTACTS

```
private static final int REQUEST_READ_CONTACTS
```

Id to identity READ_CONTACTS permission request.

See Also:

[Constant Field Values](#)

◇ mAuthTask

```
private RegisterActivity.UserRegisterTask mAuthTask
```

Keep track of the login task to ensure we can cancel it if requested.

◇ mNameView

```
private android.widget.AutoCompleteTextView mNameView
```

Contains a `AutoCompleteTextView` of the name of the account that is being created

◇ **mEmailView**

```
private android.widget.AutoCompleteTextView mEmailView
```

Contains a `AutoCompleteTextView` of the email of the account that is being created

◇ **mPasswordView**

```
private android.widget.EditText mPasswordView
```

Contains a `EditText` of the password of the account that is being created

◇ **mConfirmView**

```
private android.widget.EditText mConfirmView
```

Contains a `EditText` of the password confirmation of the account that is being created

◇ **mProgressView**

```
private android.view.View mProgressView
```

Contains a `View` of the progress of the account that is being created

◇ **mRegisterFormView**

```
private android.view.View mRegisterFormView
```

Contains a `View` of the register form of the account that is being created

◇ **progressDialog**

```
private android.app.ProgressDialog progressDialog
```

Contains a `ProgressDialog` of the account that is being created

◇ **firebaseAuth**

```
private com.google.firebase.auth.FirebaseAuth firebaseAuth
```

Defining firebase auth object



Constructor Detail

◇ **RegisterActivity**

```
public RegisterActivity()
```



Method Detail

◇ **onCreate**

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflates the layout of the activity.

Overrides:

```
onCreate in class android.support.v7.app.AppCompatActivity
```

◇ **populateAutoComplete**

```
private void populateAutoComplete()
```

Fills in the blanks if the permission for the contacts is not granted

◇ **registerUser**

```
private void registerUser(java.lang.String email,  
                           java.lang.String password)
```

Registers the user

◇ **mayRequestContacts**

```
private boolean mayRequestContacts()
```

Requests the user's permission to access the contacts

◇ **onRequestPermissionsResult**

```
public void onRequestPermissionsResult(int requestCode,  
                                       @NonNull  
                                       java.lang.String[] permissions,  
                                       @NonNull  
                                       int[] grantResults)
```

Callback received when a permissions request has been completed.

Specified by:

```
onRequestPermissionsResult in  
interface android.support.v4.app.ActivityCompat.OnRequestPermissionsResult
```

Overrides:

```
onRequestPermissionsResult in  
class android.support.v4.app.FragmentActivity
```

◇ **attemptLogin**

```
private void attemptLogin()
```

Attempts to sign in or register the account specified by the login form. If there are form errors (invalid email, missing fields, etc.), the errors are presented and no actual login attempt is made.

◇ **isEmailValid**

```
private boolean isEmailValid(java.lang.String email)
```

Checks if the email is valid.

◇ **isPasswordValid**

```
private boolean isPasswordValid(java.lang.String password)
```

Checks if the password is valid.

◇ **showProgress**

```
private void showProgress(boolean show)
```

Shows the progress UI and hides the login form.

◇ onCreateLoader

```
public android.content.Loader<android.database.Cursor> onCreateLoader(int i, android.database.Cursor cursor)
```

Creates and inflates the layout of the loader.

Specified by:

```
onCreateLoader in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ onLoadFinished

```
public void onLoadFinished(android.content.Loader<android.database.Cursor> loader,  
                           android.database.Cursor cursor)
```

Handles if the loader is finished.

Specified by:

```
onLoadFinished in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ onLoaderReset

```
public void onLoaderReset(android.content.Loader<android.database.Cursor> loader)
```

Handles if the loader is reset.

Specified by:

```
onLoaderReset in  
interface android.app.LoaderManager.LoaderCallbacks<android.database.Cursor>
```

◇ addEmailsToAutoComplete

```
private void addEmailsToAutoComplete(java.util.List<java.lang.String> emailAddresses)
```

Creates adapter to tell the AutoCompleteTextView what to show in its dropdown list.

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ultramirinc.champs_mood

Class ScheduleAdder

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.ScheduleAdder
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback, [BreakCreator.OnBreakReadyListener](#)

```
public class
extends android.support.v7.app.AppCompatActivity
implements BreakCreator.OnBreakReadyListener
```

Created by Etienne Berube on 2017-03-23. This class allows the user to manage existing breaks or create new ones.

- ◆ **Nested Class Summary**

- ◆
 - ◆ **Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity**

android.support.v4.app.SupportActivity.ExtraData

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|--|--|
| private java.util.List< <u>Break</u> > | <u>breakList</u>
Contains a list of all the breaks of a user |
| private android.content.Context | <u>context</u>
Contains the context from the attached activity |
| private android.support.v7.widget.RecyclerView | <u>recyclerView</u>
Contains the recycler view of the visual layout |

- ◆
 - ◆ **Fields inherited from class android.app.Activity**

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

- ◆
 - ◆ **Fields inherited from class android.content.Context**

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,

LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND, MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE, RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE, USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE



Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE, TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN



Constructor Summary

Constructor and Description

[ScheduleAdder\(\)](#)



Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| void | <u>onBreakReady()</u> (java.lang.String breakString)
Handles the event when a break is ready. |
| protected void | <u>onCreate()</u> (android.os.Bundle savedInstanceState)
Creates and inflate the view of the activity. |
| void | <u>populateList()</u>
Gets the breaks from the database and adds them in the list. |
| private void | <u>saveBreakToDb()</u> (Break breakItem)
Saves a break to the database. |



Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected, onMenuOpened, onPanelClosed, onCreate, onResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility,

setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onBackPressed, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPause, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, setSupportMediaController, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startActivitySenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsrequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isInMultiWindowMode, isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView, onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild, onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,

onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRestart, onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSender, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme



Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingPermission, checkSelfPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,

```
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```



Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```



Methods inherited from class java.lang.Object

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

•



Field Detail

◇ context

```
private android.content.Context context
```

Contains the context from the attached activity

◇ breakList

```
private java.util.List<Break> breakList
```

Contains a list of all the breaks of a user

◇ recyclerView

```
private android.support.v7.widget.RecyclerView recyclerView
```

Contains the recycler view of the visual layout



Constructor Detail

◇ ScheduleAdder

```
public ScheduleAdder()
```

◆ Method Detail

◆ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflate the view of the activity.

Overrides:

`onCreate` in class `android.support.v7.app.AppCompatActivity`

◆ populateList

```
public void populateList()
```

Gets the breaks from the database and adds them in the list.

◆ onBreakReady

```
public void onBreakReady(java.lang.String breakString)
```

Handles the event when a break is ready.

Specified by:

`onBreakReady` in interface `BreakCreator.OnBreakReadyListener`

◆ saveBreakToDb

```
private void saveBreakToDb(Break breakItem)
```

Saves a break to the database.

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ultramirinc.champs_mood

Class SettingsActivity

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.SettingsActivity
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Created by Etienne Berube on 2017-03-23. These are the settings the user can play with

- ◆
 - ◆

Nested Class Summary

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Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

- ◆
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 - ◇
 - android.support.v4.app.SupportActivity.ExtraData

- ◆
 - ◆

Field Summary

- ◆
 - ◆
 - ◇

Fields inherited from class android.app.Activity

- ◆
 - ◆
 - ◇
 - DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

- ◆
 - ◆
 - ◇

Fields inherited from class android.content.Context

- ◆
 - ◆
 - ◇
 - ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE

- ◆
 - ◆
 - ◇

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN

◆ Constructor Summary

Constructor and Description

SettingsActivity()

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| private void | <u>logOut()</u>
Logs out the current user. |
| protected void | <u>onCreate</u> (android.os.Bundle savedInstanceState)
Creates and inflate the visual layout for the activity. |
| void | <u>startBreakCreatorActivity</u> (android.view.View view)
Starts the activity of the breakCreator |



Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, dispatchKeyEvent, findViewById, getDelegate,
getDrawerToggleDelegate, getMenuInflater, getResources,
getSupportActionBar, getSupportParentActivityIntent,
invalidateOptionsMenu, onConfigurationChanged, onContentChanged,
onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected,
onMenuOpened, onPanelClosed, onPostCreate, onPostResume,
onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart,
onStop, onSupportActionModeFinished, onSupportActionModeStarted,
onSupportContentChanged, onSupportNavigateUp, onTitleChanged,
onWindowStartingSupportActionMode, setContentView, setActionBar,
setContentView, setSupportActionBar, setSupportProgress,
setSupportProgressBarIndeterminate,
setSupportProgressBarIndeterminateVisibility,
setSupportProgressBarVisibility, setTheme, startSupportActionMode,
supportInvalidateOptionsMenu, supportNavigateUpTo,
supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance,
getSupportFragmentManager, getSupportLoaderManager,
getSupportMediaController, onActivityResult, onAttachFragment,
onBackPressed, onCreatePanelMenu, onLowMemory,
onMultiWindowModeChanged, onNewIntent, onPause,
onPictureInPictureModeChanged, onPrepareOptionsPanel,
onPreparePanel, onRequestPermissionsResult, onResume,
onResumeFragments, onRetainCustomNonConfigurationInstance,
onRetainNonConfigurationInstance, onStateNotSaved,
setEnterSharedElementCallback, setExitSharedElementCallback,
setSupportMediaController, startActivityForResult,
startActivityFromFragment, startActivityFromFragment,

startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition,
supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult,
dismissDialog, dismissKeyboardShortcutsHelper,
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
dispatchTrackballEvent, enterPictureInPictureMode, finish,
finishActivity, finishActivityFromChild, finishAffinity,
finishAfterTransition, finishAndRemoveTask, finishFromChild,
getActionBar, getApplication, getCallingActivity, getCallingPackage,
getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager,
getIntent, getLastNonConfigurationInstance, getLayoutInflater,
getLoaderManager, getLocalClassName, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer,
getRequestedOrientation, getSearchEvent, getSystemService,
getTaskId, getTitle, getTitleColor, getVoiceInteractor,
getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,
isChangingConfigurations, isChild, isDestroyed, isFinishing,
isImmersive, isInMultiWindowMode, isInPictureInPictureMode,
isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,
isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,
navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow,
onAttachFragment, onChildTitleChanged, onContextItemSelected,
onContextMenuClosed, onCreate, onCreateContextMenu,
onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, onTouchEvent,
onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged,
onWindowFocusChanged, onWindowStartingActionMode,
onWindowStartingActionMode, openContextMenu, openOptionsMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog,
reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
requestShowKeyboardShortcuts, requestVisibleBehind,
requestWindowFeature, runOnUiThread, setActionBar,
setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback,
setFeatureDrawable, setFeatureDrawableAlpha,
setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent,
setMediaController, setProgress, setProgressBarIndeterminate,

setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSender, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme



Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath, getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences, getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage, isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput, openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver, registerReceiver, removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser, sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper, setWallpaper, startInstrumentation, startService, stopService, unbindService, unregisterReceiver

◇ Methods inherited from class android.content.Context

`getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks`



Methods inherited from class java.lang.Object

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



Constructor Detail

◇ SettingsActivity

```
public SettingsActivity()
```



Method Detail

◇ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflate the visual layout for the activity.

Overrides:

`onCreate` in class `android.support.v7.app.AppCompatActivity`

◇ logOut

```
private void logOut()
```

Logs out the current user.

◇ startBreakCreatorActivity

```
public void startBreakCreatorActivity(android.view.View view)
```

Starts the activity of the breakCreator

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ultramirinc.champs_mood

Class SplashScreen

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.SplashScreen
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Created by William on 2017-05-03. This activity makes the bridge between the login page and the main app

- ◆ **Nested Class Summary**

- ◆
 - ◇ **Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity**

android.support.v4.app.SupportActivity.ExtraData

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|--|--|
| private
com.google.firebase.auth.FirebaseAuth | <u>firebaseAuth</u>
Contains the database authentication reference |
| private static int | <u>SPLASH_TIME_OUT</u>
The time in millisecond this activity should stay active |

- ◆
 - ◇ **Fields inherited from class android.app.Activity**

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK

- ◆
 - ◇ **Fields inherited from class android.content.Context**

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,

RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE



Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN



Constructor Summary

Constructor and Description

[SplashScreen\(\)](#)



Method Summary

Modifier and Type

Method and Description

protected void [onCreate](#)(android.os.Bundle savedInstanceState)
Creates and inflate the visual layout for the activity.



Methods inherited from class android.support.v7.app.AppCompatActivity

addContentView, dispatchKeyEvent, findViewById, getDelegate,
getDrawerToggleDelegate, getMenuInflater, getResources,
getSupportActionBar, getSupportParentActivityIntent,
invalidateOptionsMenu, onConfigurationChanged, onContentChanged,
onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected,
onMenuOpened, onPanelClosed, onCreate, onResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart,
onStop, onSupportActionModeFinished, onSupportActionModeStarted,
onSupportContentChanged, onSupportNavigateUp, onTitleChanged,
onWindowStartingSupportActionMode, setContentView, setContentView,
setContentView, setSupportActionBar, setSupportProgress,
setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility,
setSupportProgressBarVisibility, setTheme, startSupportActionMode,
supportInvalidateOptionsMenu, supportNavigateUpTo,
supportRequestWindowFeature, supportShouldUpRecreateTask



Methods inherited from class android.support.v4.app.FragmentActivity

dump, getLastCustomNonConfigurationInstance,
getSupportFragmentManager, getSupportLoaderManager,
getSupportMediaController, onActivityResult, attachFragment,
onBackPressed, onCreatePanelMenu, onLowMemory,
onMultiWindowModeChanged, onNewIntent, onPause,
onPictureInPictureModeChanged, onPrepareOptionsMenu,

onPreparePanel, onRequestPermissionsResult, onResume,
onResumeFragments, onRetainCustomNonConfigurationInstance,
onRetainNonConfigurationInstance, onStateNotSaved,
setEnterSharedElementCallback, setExitSharedElementCallback,
setSupportMediaController, startActivityForResult,
startActivityFromFragment, startActivityFromFragment,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition,
supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode



Methods inherited from class android.support.v4.app.SupportActivity

getExtraData, putExtraData



Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult,
dismissDialog, dismissKeyboardShortcutsHelper,
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
dispatchTrackballEvent, enterPictureInPictureMode, finish,
finishActivity, finishActivityFromChild, finishAffinity,
finishAfterTransition, finishAndRemoveTask, finishFromChild,
getActionBar, getApplication, getCallingActivity, getCallingPackage,
getChangingConfigurations, getComponentName, getContentScene,
getContentTransitionManager, getCurrentFocus, getFragmentManager,
getIntent, getLastNonConfigurationInstance, getLayoutInflater,
getLoaderManager, getLocalClassName, getMediaController, getParent,
getParentActivityIntent, getPreferences, getReferrer,
getRequestedOrientation, getSearchEvent, getSystemService,
getTaskId, getTitle, getTitleColor, getVoiceInteractor,
getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,
isChangingConfigurations, isChild, isDestroyed, isFinishing,
isImmersive, isInMultiWindowMode, isInPictureInPictureMode,
isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,
isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,
navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
onActivityReenter, onApplyThemeResource, onAttachedToWindow,
onAttachFragment, onChildTitleChanged, onContextItemSelected,
onContextMenuClosed, onCreate, onCreateContextMenu,
onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, onTouchEvent,
onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
onVisibleBehindCanceled, onWindowAttributesChanged,
onWindowFocusChanged, onWindowStartingActionMode,
onWindowStartingActionMode, openContextMenu, openOptionsMenu,
overridePendingTransition, postponeEnterTransition, recreate,
registerForContextMenu, releaseInstance, removeDialog,
reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
requestShowKeyboardShortcuts, requestVisibleBehind,
requestWindowFeature, runOnUiThread, setActionBar,

```

setContentTransitionManager, setDefaultKeyMode,
setEnterSharedElementCallback, setExitSharedElementCallback,
setFeatureDrawable, setFeatureDrawableAlpha,
setFeatureDrawableResource, setFeatureDrawableUri,
setFinishOnTouchOutside, setImmersive, setIntent,
setMediaController, setProgress, setProgressBarIndeterminate,
setProgressBarIndeterminateVisibility, setProgressBarVisibility,
setRequestedOrientation, setResult, setResult, setSecondaryProgress,
setTaskDescription, setTitle, setTitle, setTitleColor, setVisible,
setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
startActionMode, startActionMode, startActivities, startActivities,
startActivity, startActivity, startActivityFromChild,
startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, startIntentSender,
startIntentSenderFromChild, startIntentSenderFromChild,
startLocalVoiceInteraction, startLockTask, startManagingCursor,
startNextMatchingActivity, startNextMatchingActivity,
startPostponedEnterTransition, startSearch,
stopLocalVoiceInteraction, stopLockTask, stopManagingCursor,
takeKeyEvents, triggerSearch, unregisterForContextMenu

```

◇

Methods inherited from class `android.view.ContextThemeWrapper`

```

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme

```

◇

Methods inherited from class `android.content.ContextWrapper`

```

bindService, checkCallingOrSelfPermission,
checkCallingOrSelfPermission, checkCallingPermission,
checkCallingUriPermission, checkPermission, checkSelfPermission,
checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createDeviceProtectedStorageContext,
createDisplayContext, createPackageContext, databaseList,
deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,
enforceCallingPermission, enforceCallingUriPermission,
enforcePermission, enforceUriPermission, enforceUriPermission,
fileList, getApplicationContext, getApplicationInfo, getBaseContext,
getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver,
getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper,
getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,

```



```
stopService, unbindService, unregisterReceiver
```



Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```



Methods inherited from class java.lang.Object

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



Field Detail

◆ firebaseAuth

```
private com.google.firebase.auth.FirebaseAuth firebaseAuth
```

Contains the database authentication reference

◆ SPLASH_TIME_OUT

```
private static int SPLASH_TIME_OUT
```

The time in millisecond this activity should stay active



Constructor Detail

◆ SplashScreen

```
public SplashScreen()
```



Method Detail

◆ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflate the visual layout for the activity.

Overrides:

onCreate in class android.support.v7.app.AppCompatActivity

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Class **TabActivity.SectionsPagerAdapter**

- [java.lang.Object](#)
 - - ◆ [android.support.v4.view.PagerAdapter](#)
 - ◆
 - ◇ [android.support.v4.app.FragmentPagerAdapter](#)
 - ◇ [ultramirinc.champs_mood.TabActivity.SectionsPagerAdapter](#)
 - Enclosing class:
[TabActivity](#)
-

```
public class
extends android.support.v4.app.FragmentPagerAdapter
```

A `FragmentPagerAdapter` that returns a fragment corresponding to one of the sections/tabs/pages.

- - ◆ **Field Summary**

Modifier and Type

Field and Description

```
private
java.util.List<android.support.v4.app.Fragment>
```

mFragmentManager
Contains a list of all
fragments of the
TabActivity



Fields inherited from class android.support.v4.view.PagerAdapter

POSITION_NONE, POSITION_UNCHANGED



Constructor Summary

Constructor and Description

SectionsPagerAdapter(android.support.v4.app.FragmentManager fm)



Method Summary

| Modifier and Type | Method and Description |
|---------------------------------|--|
| void | <u>addFragment</u> (android.support.v4.app.Fragment fragm
Adds a fragment to the list of fragments. |
| int | <u>getCount</u> ()
Gets the number of fragments in the list. |
| android.support.v4.app.Fragment | <u>getItem</u> (int position)
Gets a Fragment from the list a given position. |



Methods inherited from class android.support.v4.app.FragmentPagerAdapter

destroyItem, finishUpdate, getItemId, instantiateItem,
isViewFromObject, restoreState, saveState, setPrimaryItem,
startUpdate



Methods inherited from class android.support.v4.view.PagerAdapter

destroyItem, finishUpdate, getItemPosition, getPageTitle,
getPageWidth, instantiateItem, notifyDataSetChanged,
registerDataSetObserver, setPrimaryItem, startUpdate,
unregisterDataSetObserver



Methods inherited from class java.lang.Object

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



Field Detail

◇ **mFragmentManager**

```
private final java.util.List<android.support.v4.app.Fragment> mFragmentManager
```

Contains a list of all fragments of the TabActivity



Constructor Detail

◇ **SectionsPagerAdapter**

```
public SectionsPagerAdapter(android.support.v4.app.FragmentManager fm)
```



Method Detail

◇ **addFragment**

```
public void addFragment(android.support.v4.app.Fragment fragment)
```

Adds a fragment to the list of fragments.

◇ **getItem**

```
public android.support.v4.app.Fragment getItem(int position)
```

Gets a Fragment from the list a given position.

Specified by:

`getItem` in class `android.support.v4.app.FragmentPagerAdapter`

◇ **getCount**

```
public int getCount()
```

Gets the number of fragments in the list.

Specified by:

`getCount` in class `android.support.v4.view.PagerAdapter`

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ultramirinc.champs_mood

Class TabActivity

- java.lang.Object
 - - ◆ android.content.Context
 - ◆
 - ◇ android.content.ContextWrapper
 - ◇
 - android.view.ContextThemeWrapper
 - - android.app.Activity
 - - ◆ android.support.v4.app.SupportActivity
 - ◆
 - ◇ android.support.v4.app.FragmentActivity
 - ◇
 - android.support.v7.app.AppCompatActivity
 - ultramirinc.champs_mood.TabActivity
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback, android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator, android.support.v4.app.TaskStackBuilder.SupportParentable, android.support.v7.app.ActionBarDrawerToggle.DelegateProvider, android.support.v7.app.AppCompatActivity.Callback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Created by Etienne Berube on 2017-03-23. This class is the mainframe of the application. Every function or fragment is link to this class. Here is the heart of the app.

- ◆ **Nested Class Summary**

| Modifier and Type | Class and Description |
|-------------------|---|
| class | <u>TabActivity.SectionsPagerAdapter</u>
A <code>PagerAdapter</code> that returns a fragment corresponding to one of the sections/tabs/pages. |



Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

```
android.support.v4.app.SupportActivity.ExtraData
```

- ◆ **Field Summary**

| Modifier and Type | Field and Description |
|---|---|
| private <u>TabActivity.SectionsPagerAdapter</u> | <u>mSectionsPagerAdapter</u>
Contains a section pager adapter for the activity |
| private <u>MyViewPager</u> | <u>mViewPager</u>
Contains the view pager for the activity |
| private android.app.ProgressDialog | <u>progressDialog</u>
Contains a progress dialog |



Fields inherited from class android.app.Activity

```
DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE,
DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL,
DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED,
RESULT_FIRST_USER, RESULT_OK
```



Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE,
ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE,
BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY,
BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND,
BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND,
BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY,
CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE,
DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
```



```
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE,
INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE,
KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE,
LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE,
MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS,
MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE,
MODE_WORLD_WRITEABLE, NETWORK_STATS_SERVICE, NFC_SERVICE,
NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE,
RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE,
SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE,
TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE,
TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE,
USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE,
WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE
```



Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW,
TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN
```



Constructor Summary

Constructor and Description

[TabActivity\(\)](#)



Method Summary

| Modifier and
Type | Method and Description |
|----------------------|---|
| private void | <u>loadUserInformationSetupViewPager(MyViewPager viewPager)</u>
Gets user's information from the database and sets up the ViewPager. |
| void | <u>onBackPressed()</u>
Quits the application when the back button of the android device is pressed. |
| protected
void | <u>onCreate(android.os.Bundle savedInstanceState)</u>
Creates and inflate the visual layout for the Activity. |
| boolean | <u>onCreateOptionsMenu(android.view.Menu menu)</u>
Inflates the toolbar with a given XML file. |
| boolean | <u>onOptionsItemSelected(android.view.MenuItem item)</u>
Handles the actions when a icon in the toolbar is clicked. |
| void | <u>onPause()</u>
Removes the progress dialog when the activity is paused. |
| void | <u>removeKeyboard()</u>
Removes the keyboard from the screen. |
| private void | <u>setupViewPager(MyViewPager viewPager)</u>
Sets up the ViewPager. |

◇ **Methods inherited from class android.support.v7.app.AppCompatActivity**

addContentView, dispatchKeyEvent, findViewById, getDelegate, getDrawerToggleDelegate, getMenuInflater, getResources, getSupportActionBar, getSupportParentActivityIntent, invalidateOptionsMenu, onConfigurationChanged, onContentChanged, onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected, onMenuOpened, onPanelClosed, onPostCreate, onPostResume, onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart, onStop, onSupportActionModeFinished, onSupportActionModeStarted, onSupportContentChanged, onSupportNavigateUp, onTitleChanged, onWindowStartingSupportActionMode, setContentView, setContentView, setContentView, setSupportActionBar, setSupportProgress, setSupportProgressBarIndeterminate, setSupportProgressBarIndeterminateVisibility, setSupportProgressBarVisibility, setTheme, startSupportActionMode, supportInvalidateOptionsMenu, supportNavigateUpTo, supportRequestWindowFeature, supportShouldUpRecreateTask

◇ **Methods inherited from class android.support.v4.app.FragmentActivity**

dump, getLastCustomNonConfigurationInstance, getSupportFragmentManager, getSupportLoaderManager, getSupportMediaController, onActivityResult, onAttachFragment, onCreatePanelMenu, onLowMemory, onMultiWindowModeChanged, onNewIntent, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPreparePanel, onRequestPermissionsResult, onResume, onResumeFragments, onRetainCustomNonConfigurationInstance, onRetainNonConfigurationInstance, onStateNotSaved, setEnterSharedElementCallback, setExitSharedElementCallback, setSupportMediaController, startActivityForResult, startActivityFromFragment, startActivityFromFragment, startIntentSenderFromFragment, supportFinishAfterTransition, supportPostponeEnterTransition, supportStartPostponedEnterTransition, validateRequestPermissionsResult

◇ **Methods inherited from class android.support.v4.app.SupportActivity**

getExtraData, putExtraData

◇ **Methods inherited from class android.app.Activity**

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, enterPictureInPictureMode, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService,

getTaskId, getTitle, getTitleColor, getVoiceInteractor,
 getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus,
 isChangingConfigurations, isChild, isDestroyed, isFinishing,
 isImmersive, isInMultiWindowMode, isInPictureInPictureMode,
 isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction,
 isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo,
 navigateUpToFromChild, onActionModeFinished, onActionModeStarted,
 onActivityReenter, onApplyThemeResource, onAttachedToWindow,
 onAttachFragment, onChildTitleChanged, onContextItemSelected,
 onContextMenuClosed, onCreate, onCreateContextMenu,
 onCreateDescription, onCreateDialog, onCreateDialog,
 onCreateNavigateUpTaskStack, onCreatePanelView, onCreateThumbnail,
 onDetachedFromWindow, onEnterAnimationComplete,
 onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
 onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
 onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
 onOptionsMenuClosed, onPostCreate, onPrepareDialog, onPrepareDialog,
 onPrepareNavigateUpTaskStack, onPrepareOptionsMenu,
 onProvideAssistContent, onProvideAssistData,
 onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
 onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
 onSearchRequested, onSearchRequested, onTouchEvent,
 onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint,
 onVisibleBehindCanceled, onWindowAttributesChanged,
 onWindowFocusChanged, onWindowStartingActionMode,
 onWindowStartingActionMode, openContextMenu, openOptionsMenu,
 overridePendingTransition, postponeEnterTransition, recreate,
 registerForContextMenu, releaseInstance, removeDialog,
 reportFullyDrawn, requestDragAndDropPermissions, requestPermissions,
 requestShowKeyboardShortcuts, requestVisibleBehind,
 requestWindowFeature, runOnUiThread, setActionBar,
 setContentTransitionManager, setDefaultKeyMode,
 setEnterSharedElementCallback, setExitSharedElementCallback,
 setFeatureDrawable, setFeatureDrawableAlpha,
 setFeatureDrawableResource, setFeatureDrawableUri,
 setFinishOnTouchOutside, setImmersive, setIntent,
 setMediaController, setProgress, setProgressBarIndeterminate,
 setProgressBarIndeterminateVisibility, setProgressBarVisibility,
 setRequestedOrientation, setResult, setResult, setSecondaryProgress,
 setTaskDescription, setTitle, setTitle, setTitleColor, setVisible,
 setVolumeControlStream, setVrModeEnabled,
 shouldShowRequestPermissionRationale, shouldUpRecreateTask,
 showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
 startActionMode, startActionMode, startActivities, startActivities,
 startActivity, startActivity, startActivityFromChild,
 startActivityFromChild, startActivityFromFragment,
 startActivityFromFragment, startActivityIfNeeded,
 startActivityIfNeeded, startIntentSender, startIntentSender,
 startIntentSenderFromChild, startIntentSenderFromChild,
 startLocalVoiceInteraction, startLockTask, startManagingCursor,
 startNextMatchingActivity, startNextMatchingActivity,
 startPostponedEnterTransition, startSearch,
 stopLocalVoiceInteraction, stopLockTask, stopManagingCursor,
 takeKeyEvents, triggerSearch, unregisterForContextMenu



Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getTheme

◇ Methods inherited from class android.content.ContextWrapper

```
bindService, checkCallingOrSelfPermission,
checkCallingOrSelfPermission, checkCallingPermission,
checkCallingUriPermission, checkPermission, checkSelfPermission,
checkUriPermission, checkUriPermission, clearWallpaper,
createConfigurationContext, createDeviceProtectedStorageContext,
createDisplayContext, createPackageContext, databaseList,
deleteDatabase, deleteFile, deleteSharedPreferences,
enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,
enforceCallingPermission, enforceCallingUriPermission,
enforcePermission, enforceUriPermission, enforceUriPermission,
fileList, getApplicationContext, getApplicationInfo, getBaseContext,
getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver,
getDatabasePath, getDataDir, getDir, getExternalCacheDir,
getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs,
getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper,
getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath,
getPackageManager, getPackageName, getPackageResourcePath,
getSharedPreferences, getSystemServiceName, getWallpaper,
getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,
grantUriPermission, isDeviceProtectedStorage, isRestricted,
moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput,
openFileOutput, openOrCreateDatabase, openOrCreateDatabase,
peekWallpaper, registerReceiver, registerReceiver,
removeStickyBroadcast, removeStickyBroadcastAsUser,
revokeUriPermission, sendBroadcast, sendBroadcast,
sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,
sendOrderedBroadcast, sendOrderedBroadcastAsUser,
sendStickyBroadcast, sendStickyBroadcastAsUser,
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser,
setWallpaper, setWallpaper, startInstrumentation, startService,
stopService, unbindService, unregisterReceiver
```

◇ Methods inherited from class android.content.Context

```
getColor, getColorStateList, getDrawable, getString, getString,
getSystemService, getText, obtainStyledAttributes,
obtainStyledAttributes, obtainStyledAttributes,
obtainStyledAttributes, registerComponentCallbacks,
unregisterComponentCallbacks
```

◇ Methods inherited from class java.lang.Object

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

Field Detail

◇ mViewPager

```
private MyViewPager mViewPager
```

Contains the view pager for the activity

◇ mSectionsPagerAdapter

```
private TabActivity.SectionsPagerAdapter mSectionsPagerAdapter
```

Contains a section pager adapter for the activity

◇ progressDialog

```
private android.app.ProgressDialog progressDialog
```

Contains a progress dialog



Constructor Detail

◇ TabActivity

```
public TabActivity()
```



Method Detail

◇ onCreate

```
protected void onCreate(android.os.Bundle savedInstanceState)
```

Creates and inflate the visual layout for the Activity.

Overrides:

`onCreate` in class `android.support.v7.app.AppCompatActivity`

◇ loadUserInformationSetupViewPager

```
private void loadUserInformationSetupViewPager(MyViewPager viewPager)
```

Gets user's information from the database and sets up the ViewPager.

◇ setupViewPager

```
private void setupViewPager(MyViewPager viewPager)
```

Sets up the ViewPager.

◇ onCreateOptionsMenu

```
public boolean onCreateOptionsMenu(android.view.Menu menu)
```

Inflates the toolbar with a given XML file.

Overrides:

`onCreateOptionsMenu` in class `android.app.Activity`

◇ onOptionsItemSelected

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Handles the actions when a icon in the toolbar is clicked.

Overrides:

`onOptionsItemSelected` in class `android.app.Activity`

◇ **removeKeyboard**

```
public void removeKeyboard()
```

Removes the keyboard from the screen.

◇ **onPause**

```
public void onPause()
```

Removes the progress dialog when the activity is paused.

Overrides:

`onPause` in class `android.support.v4.app.FragmentActivity`

◇ **onBackPressed**

```
public void onBackPressed()
```

Quits the application when the back button of the android device is pressed.

Overrides:

`onBackPressed` in class `android.support.v4.app.FragmentActivity`

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ultramirinc.champs_mood.managers

Class NotificationManager

- [java.lang.Object](#)
- [◆ ultramirinc.champs_mood.managers.NotificationManager](#)

•

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

Created by Amir Osman on 2017-05-02. This class manages the user's notification. This acts as a bridge between the database and the device.

- [◆](#)

Field Summary

Modifier and Type

Field and Description

| Modifier and Type | Field and Description |
|---|---|
| <code>com.google.firebase.database.DatabaseReference</code> | databaseNotifications
A reference to the current database used |

◆ Constructor Summary

Constructor and Description

[NotificationManager\(\)](#)



Method Summary

Modifier and Type

Method and Description

| | |
|------|--|
| void | <u>deleteNotificaton(Notification n)</u>
Deletes the notification from the database |
| void | <u>saveNotification(Notification n)</u>
Saves the notification in the database |



Methods inherited from class java.lang.Object

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



Field Detail

◆ databaseNotifications

```
public com.google.firebase.database.DatabaseReference databaseNotifications
```

A reference to the current database used



Constructor Detail

◆ NotificationManager

```
public NotificationManager()
```



Method Detail

◆ saveNotification

```
public void saveNotification(Notification n)
```

Saves the notification in the database

◆ deleteNotificaton

```
public void deleteNotificaton(Notification n)
```

Deletes the notification from the database

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ultramirinc.champs_mood.managers

Class UserManager

- [java.lang.Object](#)
- - ◆ [java.util.Observable](#)
 - ◆ [ultramirinc.champs_mood.managers.UserManager](#)

•

```
public class
extends java.util.Observable
```

Created by Amir Osman on 2017-04-25.

•

- ◆

Field Summary

| | Modifier and Type | Field and Description |
|--|------------------------------|--|
| | private User | current_user
The current user |

| | |
|--|---|
| <code>com.google.firebase.database.DatabaseReference</code> | <u>databaseUsers</u>
A reference to the current database |
| <code>private static <u>UserManager</u></code> | <u>instance</u>
A reference to a UserManager object |

◆ Constructor Summary

Modifier Constructor and Description

protected [UserManager](#)()

◆ Method Summary

| Modifier and Type | Method and Description |
|---|--|
| void | <u>addUserInformations</u> (<u>User</u> userInformations)
Adds a child node to the database. |
| void | <u>clearCurrentUser</u> ()
Clears the current user from the fields. |
| void | <u>editUserInformations</u> (<u>User</u> userInformations)
Updates the user's information in the database. |
| <u>User</u> | <u>getCurrentUser</u> ()
Getter for the current user. |
| static <u>UserManager</u> | <u>getInstance</u> ()
Returns an instance of the UserManager. |
| void | <u>getUserInformations</u> ()
Gets the current user's information from the Database. |
| void | <u>setCurrentUser</u> (<u>User</u> user)
Setter for the current user. |



Methods inherited from class `java.util.Observable`

`addObserver, clearChanged, countObservers, deleteObserver, deleteObservers, hasChanged, notifyObservers, notifyObservers, setChanged`



Methods inherited from class `java.lang.Object`

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

• ◆ Field Detail

◇ **current_user**

```
private User current_user
```

The current user

◇ **instance**

```
private static UserManager instance
```

A reference to a UserManager object

◇ **databaseUsers**

```
public com.google.firebase.database.DatabaseReference databaseUsers
```

A reference to the current database



Constructor Detail

◇ **UserManager**

```
protected UserManager()
```



Method Detail

◇ **getCurrentUser**

```
public User getCurrentUser()
```

Getter for the current user.

◇ **setCurrentUser**

```
public void setCurrentUser(User user)
```

Setter for the current user.

◇ **getInstance**

```
public static UserManager getInstance()
```

Returns an instance of the UserManager.

◇ **editUserInformations**

```
public void editUserInformations(User userInformations)
```

Updates the user's information in the database.

◇ **addUserInformations**

```
public void addUserInformations(User userInformations)
```

Adds a child node to the database.

◇ **clearCurrentUser**

```
public void clearCurrentUser()
```

Clears the current user from the fields.

◇ **getUserInformations**

```
public void getUserInformations()
```

Gets the current user's information from the Database.

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ultramirinc.champs_mood.models

Class Break

- [java.lang.Object](#)
- [◆ ultramirinc.champs_mood.models.Break](#)

- All Implemented Interfaces:
[java.lang.Comparable<Break>](#)

```
public class
extends java.lang.Object
implements java.lang.Comparable<Break>
```

Created by Etienne Berube on 2017-03-28. This is the object that contains all the information and methods for a Break

- [◆](#)
Field Summary

Modifier and Type

Field and Description

| | |
|--------------------------|---|
| private java.lang.String | <u>day</u>
The day of the break |
| private <u>Time</u> | <u>end</u>
Contains the at which the break ends |
| private java.lang.String | <u>Id</u>
The Id of the Break |
| private int | <u>intDay</u>
The integer representation of the day |
| private <u>Time</u> | <u>start</u>
Contains the time at which the break starts |
| private java.lang.String | <u>userId</u>
The user's ID in the database |



Constructor Summary

Constructor and Description

Break()

Break(Time start, Time end, java.lang.String day,
java.lang.String relatedUserId)



Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| int | <u>compareTo</u> (<u>Break</u> o)
Determines is a break is before or after another break. |
| boolean | <u>equals</u> (java.lang.Object o)
Returns whether or not two breaks are the same. |
| java.lang.String | <u>getDay</u> ()
Getter for the day. |
| <u>Time</u> | <u>getEnd</u> ()
Getter for the end time. |
| java.lang.String | <u>getFromTime</u> ()
Returns a string interpretation of the starting time. |
| java.lang.String | <u>getId</u> ()
Getter for ID. |
| int | <u>getIntDay</u> ()
Getter for the integer representation of the day. |
| <u>Time</u> | <u>getStart</u> ()
Getter for the starting time. |
| <u>Time</u> | <u>getTimeDifference</u> ()
Returns the time difference between two breaks. |
| java.lang.String | <u>getToTime</u> ()
Returns a string interpretation of the ending time. |
| java.lang.String | <u>getUserId</u> ()
Getter for the UserID |

| | |
|------|--|
| void | <u>setDay</u> (java.lang.String day)
Setter for the day. |
| void | <u>setEnd</u> (<u>Time</u> end)
Setter for the end time. |
| void | <u>setId</u> (java.lang.String id)
Setter for ID. |
| void | <u>setIntDay</u> (int intDay)
Setter for the integer representation of the day. |
| void | <u>setStart</u> (<u>Time</u> start)
Setter for the starting time. |
| void | <u>setUserId</u> (java.lang.String userId)
Setter for the the UserID |



Methods inherited from class java.lang.Object

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

•



Field Detail

◇ start

private Time start

Contains the time at which the break starts

◇ end

private Time end

Contains the at which the break ends

◇ day

private java.lang.String day

The day of the break

◇ userId

private java.lang.String userId

The user's ID in the database

◇ intDay

private int intDay

The integer representation of the day

◇ Id

private java.lang.String Id

The Id of the Break

◆ Constructor Detail

◆ Break

```
public Break()
```

◆ Break

```
public Break(Time start,  
            Time end,  
            java.lang.String day,  
            java.lang.String relatedUserId)
```



Method Detail

◆ setId

```
public void setId(java.lang.String id)
```

Setter for ID.

◆ getId

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

Getter for ID.

◆ getStart

```
public Time getStart()
```

Getter for the starting time.

◆ setStart

```
public void setStart(Time start)
```

Setter for the starting time.

◆ getFromTime

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

Returns a string interpretation of the starting time.

◆ getEnd

```
public Time getEnd()
```

Getter for the end time.

◆ setEnd

```
public void setEnd(Time end)
```

Setter for the end time.

◆ getTime

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

Returns a string interpretation of the ending time.

◇ **getDay**

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

Getter for the day.

◇ **setDay**

```
public void setDay(java.lang.String day)
```

Setter for the day.

◇ **getIntDay**

```
public int getIntDay()
```

Getter for the integer representation of the day.

◇ **setIntDay**

```
public void setIntDay(int intDay)
```

Setter for the integer representation of the day.

◇ **getUserId**

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

Getter for the UserID

◇ **setUserId**

```
public void setUserId(java.lang.String userId)
```

Setter for the the UserID

◇ **equals**

```
public boolean equals(java.lang.Object o)
```

Returns whether or not two breaks are the same.

Overrides:

`equals` in class `java.lang.Object`

◇ **compareTo**

```
public int compareTo(@NonNull  
                     Break o)
```

Determines is a break is before or after another break.

Specified by:

`compareTo` in interface `java.lang.Comparable<Break>`

◇ **getTimeDifference**

```
public Time getTimeDifference()
```

Returns the time difference between two breaks.

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ultramirinc.champs_mood.models

Class MyLocation

- [java.lang.Object](#)
- [◆ ultramirinc.champs_mood.models.MyLocation](#)

•

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

Created by Etienne Berube on 2017-05-10. This class acts as an alternative to the LatLng object provided by Google. However, the LatLng object cannot be stored in the database. Thus, we created this object.

- [◆](#)

Field Summary

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
| private double | lat |

| | |
|-----------------------------|---------------------------|
| | A latitude |
| <code>private double</code> | <u>lng</u>
A longitude |

◆ Constructor Summary

Constructor and Description

MyLocation()
MyLocation(double lat, double lng)

◆ Method Summary

Modifier and Type Method and Description

| | |
|--------|---|
| double | <u>getLat</u> ()
Getter for the latitude. |
| double | <u>getLng</u> ()
Getter for the longitude. |
| void | <u>setLat</u> (double lat)
Setter for the latitude. |
| void | <u>setLng</u> (double lng)
Setter for the longitude. |



Methods inherited from class java.lang.Object

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

• ◆ Field Detail

◇ lat

`private double lat`

A latitude

◇ lng

`private double lng`

A longitude

◆ Constructor Detail

◇ MyLocation

```
public MyLocation()
```

◇ MyLocation

```
public MyLocation(double lat,  
                  double lng)
```



Method Detail

◇ getLat

```
public double getLat()
```

Getter for the latitude.

◇ setLat

```
public void setLat(double lat)
```

Setter for the latitude.

◇ getLng

```
public double getLng()
```

Getter for the longitude.

◇ setLng

```
public void setLng(double lng)
```

Setter for the longitude.

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ultramirinc.champs_mood.models

Class Notification

- [java.lang.Object](#)
- [ultramirinc.champs_mood.models.Notification](#)

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

Created by William on 2017-04-06. This object contains all of the information or methods for a Notification

- [ultramirinc.champs_mood.models.Notification](#)

Field Summary

| Modifier and Type | Field and Description |
|--------------------|---|
| private static int | FRIEND_REQUEST
The code for a friend request |

| | |
|--------------------------|---|
| private java.lang.String | <u>id</u>
The Id of the notification |
| private boolean | <u>isFriend</u>
Whether or not one user is friend with the other |
| private java.lang.String | <u>message</u>
The message of the notification |
| private static int | <u>NOW_FRIEND</u>
The code for a friend acceptance |
| private static int | <u>POKED_YOU</u>
The code for a poke |
| private java.lang.String | <u>recipientId</u>
The Id of the recipient |
| private java.lang.String | <u>senderId</u>
The Id of the sender |
| private java.lang.String | <u>sentBy</u>
The sending user |
| private int | <u>type</u>
The type of the notification |

◆ Constructor Summary

Constructor and Description

Notification()
Notification(java.lang.String sentBy, int type, boolean isFriend, java.lang.String senderId, java.lang.String recipientId)

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| java.lang.String | <u>getFriendStatus</u> ()
Returns whether or not two user's are friends. |
| java.lang.String | <u>getId</u> ()
Getter for the notification Id. |
| java.lang.String | <u>getMessage</u> ()
Getter for the message of the notification. |
| java.lang.String | <u>getRecipientId</u> ()
Getter for the recipient Id. |
| java.lang.String | <u>getSenderId</u> ()
Getter for the sender Id. |
| java.lang.String | <u>getSentBy</u> ()
Getter for the sender's name. |
| int | <u>getType</u> ()
Getter for the type of the notification. |
| boolean | <u>isFriend</u> ()
Getter for whether or not they are friends. |

| | |
|------|---|
| void | <u>setFriend</u> (boolean friend)
Setter for whether or not they are friends. |
| void | <u>setId</u> (java.lang.String id)
Setter for the notification Id. |
| void | <u>setMessage</u> (java.lang.String message)
Setter for the message of the notification. |
| void | <u>setRecipientId</u> (java.lang.String recipientId)
Setter for the recipient Id. |
| void | <u>setSenderId</u> (java.lang.String senderId)
Setter for the sender Id. |
| void | <u>setSentBy</u> (java.lang.String sentBy)
Setter for the sender's name. |
| void | <u>setType</u> (int type)
Setter for the type of the notification. |



Methods inherited from class java.lang.Object

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



Field Detail

◆ sentBy

```
private java.lang.String sentBy
```

The sending user

◆ type

```
private int type
```

The type of the notification

◆ FRIEND_REQUEST

```
private static final int FRIEND_REQUEST
```

The code for a friend request

See Also:

[Constant Field Values](#)

◆ NOW_FRIEND

```
private static final int NOW_FRIEND
```

The code for a friend acceptance

See Also:

[Constant Field Values](#)

◆ POKED_YOU

```
private static final int POKED_YOU
```

The code for a poke

See Also:

Constant Field Values

◇ **message**

```
private java.lang.String message
```

The message of the notification

◇ **id**

```
private java.lang.String id
```

The Id of the notification

◇ **recipientId**

```
private java.lang.String recipientId
```

The Id of the recipient

◇ **senderId**

```
private java.lang.String senderId
```

The Id of the sender

◇ **isFriend**

```
private boolean isFriend
```

Whether or not one user is friend with the other



Constructor Detail

◇ **Notification**

```
public Notification()
```

◇ **Notification**

```
public Notification(java.lang.String sentBy,  
                    int type,  
                    boolean isFriend,  
                    java.lang.String senderId,  
                    java.lang.String recipientId)
```



Method Detail

◇ **getSentBy**

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

Getter for the sender's name.

◇ **setSentBy**

```
public void setSentBy(java.lang.String sentBy)
```

Setter for the sender's name.

◇ **getType**

```
public int getType()
```

Getter for the type of the notification.

◇ **setType**

```
public void setType(int type)
```

Setter for the type of the notification.

◇ **getMessage**

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

Getter for the message of the notification.

◇ **setMessage**

```
public void setMessage(java.lang.String message)
```

Setter for the message of the notification.

◇ **isFriend**

```
public boolean isFriend()
```

Getter for whether or not they are friends.

◇ **setFriend**

```
public void setFriend(boolean friend)
```

Setter for whether or not they are friends.

◇ **getSenderId**

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

Getter for the sender Id.

◇ **setSenderId**

```
public void setSenderId(java.lang.String senderId)
```

Setter for the sender Id.

◇ **getRecipientId**

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

Getter for the recipient Id.

◇ **setRecipientId**

```
public void setRecipientId(java.lang.String recipientId)
```

Setter for the recipient Id.

◇ **setId**

```
public void setId(java.lang.String id)
```

Setter for the notification Id.

◇ **getId**

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

Getter for the notification Id.

◇ **getFriendStatus**

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

Returns whether or not two user's are friends.

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ultramirinc.champs_mood.models

Enum Notification_type

- java.lang.Object
 - [◆ java.lang.Enum<\[Notification_type\]\(#\)>](#)
 - ◆ [ultramirinc.champs_mood.models.Notification_type](#)
 - All Implemented Interfaces:
[java.io.Serializable](#), [java.lang.Comparable<\[Notification_type\]\(#\)>](#)
-

```
public enum  
extends java.lang.Enum<Notification\_type>
```

Created by Amir Osman on 2017-05-02. This class helps manage the notifications

- [◆ Enum Constant Summary](#)

Enum Constant and Description

[followed you](#)

poked_you



Field Summary

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
|-------------------|-----------------------|

| | |
|-------------|---|
| private int | <u>numVal</u>
The actual integer value |
|-------------|---|



Method Summary

| Modifier and Type | Method and Description |
|-------------------|------------------------|
|-------------------|------------------------|

| | |
|---------------------------------------|--|
| int | <u>getNumVal</u> ()
Returns the code for the notification type. |
| static
<u>Notification type</u> | <u>valueOf</u> (java.lang.String name)
Returns the enum constant of this type with the specified name. |
| static
<u>Notification type</u> [] | <u>values</u> ()
Returns an array containing the constants of this enum type, in the order they are declared. |



Methods inherited from class java.lang.Enum

clone, compareTo, equals, finalize, getDeclaringClass, hashCode, name, ordinal, toString, valueOf



Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait



Enum Constant Detail

◆ followed_you

```
public static final Notification type followed_you
```

◆ poked_you

```
public static final Notification type poked_you
```



Field Detail

◆ numVal

```
private int numVal
```

The actual integer value

◆ Method Detail

◆ values

```
public static Notification_type[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (Notification_type c : Notification_type.values())  
    System.out.println(c);
```

Returns:

an array containing the constants of this enum type, in the order they are declared

◆ valueOf

```
public static Notification_type valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

Parameters:

`name` - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name

`java.lang.NullPointerException` - if the argument is null

◆ getNumVal

```
public int getNumVal()
```

Returns the code for the notification type.

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ultramirinc.champs_mood.models

Class Time

- [java.lang.Object](#)
- [◆ ultramirinc.champs_mood.models.Time](#)

- All Implemented Interfaces:
[java.lang.Comparable<\[Time\]\(#\)>](#)

```
public class
extends java.lang.Object
implements java.lang.Comparable<Time>
```

Created by Etienne Berube on 2017-04-04. This class helps to do calculations with the breaks

- [◆](#)

Field Summary

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
| private int | hour |

| | |
|--------------------------|-------------------------|
| | The hour of the time |
| <code>private int</code> | <u>minute</u> |
| | The minutes of the time |

◆ Constructor Summary

Constructor and Description

| |
|------------------------------------|
| <u>Time</u> () |
| <u>Time</u> (int hour, int minute) |

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| int | <u>compareTo</u> (<u>Time</u> o)
Returns if a Time is before or after another time. |
| int | <u>getHour</u> ()
Getter for the hour. |
| int | <u>getMinute</u> ()
Getter for the minutes. |
| void | <u>setHour</u> (int hour)
Setter for the hour. |
| void | <u>setMinute</u> (int minute)
Setter for the minutes. |
| java.lang.String | <u>toString</u> ()
Returns a String representation of a time. |



Methods inherited from class java.lang.Object

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

◆ Field Detail

◇ minute

`private int minute`

The minutes of the time

◇ hour

`private int hour`

The hour of the time

◆ Constructor Detail

◇ Time

```
public Time()
```

◇ Time

```
public Time(int hour,  
            int minute)
```



Method Detail

◇ getHour

```
public int getHour()
```

Getter for the hour.

◇ setHour

```
public void setHour(int hour)
```

Setter for the hour.

◇ getMinute

```
public int getMinute()
```

Getter for the minutes.

◇ setMinute

```
public void setMinute(int minute)
```

Setter for the minutes.

◇ compareTo

```
public int compareTo(@NonNull  
                    Time o)
```

Returns if a Time is before or after another time.

Specified by:

`compareTo` in interface `java.lang.Comparable<Time>`

◇ toString

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

Returns a String representation of a time.

Overrides:

`toString` in class `java.lang.Object`

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ultramirinc.champs_mood.models

Class User

- [java.lang.Object](#)
- [◆ ultramirinc.champs_mood.models.User](#)

•

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

Created by Amir Osman on 2017-04-23. This is the template for a typical user.

- [◆](#)

Field Summary

| Modifier and Type | Field and Description |
|--|---|
| private java.util.ArrayList< Break > | breaks
A list of his breaks |
| private java.lang.String | breakText
The break text of the user |

| | |
|--|--|
| private int | <u>floor</u>
The floor of the user |
| private
java.util.ArrayList<java.lang.String> | <u>friendList</u>
A list of his friends |
| static int | <u>IN_BREAK</u>
Code for if the user is in break |
| private boolean | <u>isFriend</u>
Whether he is a friend or not with another user |
| private boolean | <u>isLocationShared</u>
If the user's location is shared |
| private <u>MyLocation</u> | <u>lastLocation</u>
The user's location |
| private java.lang.String | <u>mood</u>
The mood of the user |
| private java.lang.String | <u>name</u>
The user's name |
| private java.lang.String | <u>nameLowered</u>
The user's name lowered |
| static int | <u>NOT_IN_BREAK</u>
Code for if the user is not in break |
| private java.lang.String | <u>uId</u>
The user's Id |

◆ Constructor Summary

Constructor and Description

| |
|--|
| <u>User</u> () |
| <u>User</u> (java.lang.String userId, java.lang.String name) |

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------------------------|--|
| boolean | <u>addToFriendList</u> (java.lang.String userId)
Adds a user to the friendList. |
| boolean | <u>addToFriendList</u> (<u>User</u> user)
Adds a user to the friendList. |
| java.util.ArrayList< <u>Break</u> > | <u>getBreaks</u> ()
Gets the user's breaks. |
| java.lang.String | <u>getBreakStatus</u> ()
Getter for the break status. |
| java.lang.String | <u>getBreakText</u> ()
Getter for the breakText. |
| int | <u>getFloor</u> ()
Getter for the user's floor. |

| | |
|--|---|
| <code>java.util.ArrayList<java.lang.String></code> | <code><u>getFriendList()</u></code>
Returns the friendList of the user. |
| <code>java.lang.String</code> | <code><u>getFriendStatus(User user)</u></code>
Gets the friend status. |
| <code>java.lang.String</code> | <code><u>getId()</u></code>
Getter for the user's id. |
| <code><u>MyLocation</u></code> | <code><u>getLastLocation()</u></code>
Getter for the user's location. |
| <code>java.lang.String</code> | <code><u>getMood()</u></code>
Getter for the mood. |
| <code>java.lang.String</code> | <code><u>getName()</u></code>
Getter for the user's name. |
| <code>java.lang.String</code> | <code><u>getNameLowered()</u></code>
Gets the user's name lowered |
| <code>java.lang.String</code> | <code><u>getId()</u></code>
Gets the user Id. |
| <code>boolean</code> | <code><u>isFriend()</u></code>
Getter for isFriend. |
| <code>boolean</code> | <code><u>isFriend</u>(java.lang.String userId)</code>
Returns whether or not the user is friend with another |
| <code>boolean</code> | <code><u>isFriend</u>(User user)</code>
Returns whether or not the user is friend with another |
| <code>boolean</code> | <code><u>isLocationShared()</u></code>
Getter for isLocationShared. |
| <code>boolean</code> | <code><u>removeFromFriendList</u>(User user)</code>
Removes a user from the user's friendList |
| <code>void</code> | <code><u>setBreaks</u>(java.util.ArrayList<Break> breaks)</code>
Sets the user's breaks. |
| <code>void</code> | <code><u>setBreakText</u>(java.lang.String breakText)</code>
Setter for the breakText. |
| <code>void</code> | <code><u>setFloor</u>(int floor)</code>
Setter for the user's floor. |
| <code>void</code> | <code><u>setFriend</u>(boolean friend)</code>
Setter for isFriend. |
| <code>void</code> | <code><u>setFriendList</u>(java.util.ArrayList<java.lang</code>
Sets the user's friendList. |
| <code>void</code> | <code><u>setId</u>(java.lang.String id)</code>
Setter's for the user's id. |
| <code>void</code> | <code><u>setLastLocation</u>(MyLocation lastLocation)</code>
Setter for the user's location. |
| <code>void</code> | <code><u>setLocationShared</u>(boolean locationShared)</code>
Setter for isLocationShared. |
| <code>void</code> | <code><u>setMood</u>(java.lang.String mood)</code>
Setter for the mood. |
| <code>void</code> | <code><u>setName</u>(java.lang.String name)</code>
Setter for the user's name. |
| <code>void</code> | <code><u>setNameLowered</u>(java.lang.String nameLowered)</code>
Sets the user's name lowered |

void [setId](#)(java.lang.String uid)
Sets the user Id.



Methods inherited from class java.lang.Object

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



Field Detail

◇ IN_BREAK

```
public static final int IN_BREAK
```

Code for if the user is in break

See Also:

[Constant Field Values](#)

◇ NOT_IN_BREAK

```
public static final int NOT_IN_BREAK
```

Code for if the user is not in break

See Also:

[Constant Field Values](#)

◇ uid

```
private java.lang.String uid
```

The user's Id

◇ name

```
private java.lang.String name
```

The user's name

◇ nameLowered

```
private java.lang.String nameLowered
```

The user's name lowered

◇ mood

```
private java.lang.String mood
```

The mood of the user

◇ isLocationShared

```
private boolean isLocationShared
```

If the user's location is shared

◇ **breakText**

```
private java.lang.String breakText
```

The break text of the user

◇ **isFriend**

```
private boolean isFriend
```

Whether he is a friend or not with another user

◇ **friendList**

```
private java.util.ArrayList<java.lang.String> friendList
```

A list of his friends

◇ **breaks**

```
private java.util.ArrayList<Break> breaks
```

A list of his breaks

◇ **lastLocation**

```
private MyLocation lastLocation
```

The user's location

◇ **floor**

```
private int floor
```

The floor of the user



Constructor Detail

◇ **User**

```
public User()
```

◇ **User**

```
public User(java.lang.String userId,  
            java.lang.String name)
```



Method Detail

◇ **getId**

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

Getter for the user's id.

◇ **setId**

```
public void setId(java.lang.String id)
```

Setter's for the user's id.

◇ **getName**

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

Getter for the user's name.

◇ **setName**

```
public void setName(java.lang.String name)
```

Setter for the user's name.

◇ **getMood**

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

Getter for the mood.

◇ **setMood**

```
public void setMood(java.lang.String mood)
```

Setter for the mood.

◇ **addToFriendList**

```
public boolean addToFriendList(User user)
```

Adds a user to the friendList.

◇ **addToFriendList**

```
public boolean addToFriendList(java.lang.String userId)
```

Adds a user to the friendList.

◇ **getFriendList**

```
public java.util.ArrayList<java.lang.String> getFriendList()
```

Returns the friendList of the user.

◇ **getBreakStatus**

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

Getter for the break status.

◇ **isFriend**

```
public boolean isFriend(User user)
```

Returns whether or not the user is friend with another user.

◇ **isFriend**

```
public boolean isFriend(java.lang.String userId)
```

Returns whether or not the user is friend with another user.

◇ **getFriendStatus**

```
public java.lang.String getFriendStatus(User user)
```

Gets the friend status.

◇ **setBreakText**

```
public void setBreakText(java.lang.String breakText)
```

Setter for the breakText.

◇ **getBreakText**

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

Getter for the breakText.

◇ **getBreaks**

```
public java.util.ArrayList<Break> getBreaks()
```

Gets the user's breaks.

◇ **setBreaks**

```
public void setBreaks(java.util.ArrayList<Break> breaks)
```

Sets the user's breaks.

◇ **getuId**

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

Gets the user Id.

◇ **setuId**

```
public void setuId(java.lang.String uId)
```

Sets the user Id.

◇ **isLocationShared**

```
public boolean isLocationShared()
```

Getter for isLocationShared.

◇ **setLocationShared**

```
public void setLocationShared(boolean locationShared)
```

Setter for isLocationShared.

◇ **isFriend**

```
public boolean isFriend()
```

Getter for isFriend.

◇ **setFriend**

```
public void setFriend(boolean friend)
```

Setter for isFriend.

◇ **setFriendList**

```
public void setFriendList(java.util.ArrayList<java.lang.String> friendList)
```

Sets the user's friendList.

◇ **getLastLocation**

```
public MyLocation getLastLocation()
```

Getter for the user's location.

◇ **setLastLocation**

```
public void setLastLocation(MyLocation lastLocation)
```

Setter for the user's location.

◇ **getFloor**

```
public int getFloor()
```

Getter for the user's floor.

◇ **setFloor**

```
public void setFloor(int floor)
```

Setter for the user's floor.

◇ **removeFromFriendList**

```
public boolean removeFromFriendList(User user)
```

Removes a user from the user's friendList

◇ **getNameLowered**

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

Gets the user's name lowered

◇ **setNameLowered**

```
public void setNameLowered(java.lang.String nameLowered)
```

Sets the user's name lowered

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ultramirinc.champs_mood.fragments

Class FriendsFragment

- java.lang.Object
 - ◆ android.support.v4.app.Fragment
 - ◆ ultramirinc.champs_mood.fragments.FriendsFragment
 - All Implemented Interfaces:
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener
-

```
public class
extends android.support.v4.app.Fragment
```

Created by Etienne Berube on 2017-03-23. This class gives a visual interpretation of the friend list of the user. The friends are fetched from the Database and transformed into visual elements. This list is given as a tab for TabActivity

- ◆
Nested Class Summary

◇ Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState

◆ Field Summary

| Modifier and Type | Field and Description |
|--|---|
| private android.content.Context | <u>context</u>
Context from the attached activity |
| private java.util.List< <u>User</u> > | <u>friends</u>
Contains the user's friends |
| private android.support.v7.widget.RecyclerView | <u>recyclerView</u>
Contains the RecyclerView from the visual layout |

◆ Constructor Summary

Constructor and Description

FriendsFragment()

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| private void | <u>addOrReplace</u> (<u>User</u> user)
Adds or replace a friend in the friend list. |
| private void | <u>loadFriends</u> ()
Loads the user's friends from the database. |
| android.view.View | <u>onCreateView</u> (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)
Creates the visual layout for fragment. |

◇ Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout,


```

isMenuVisible, isRemoving, isResumed, isVisible, onActivityCreated,
onActivityResult, onAttach, onAttach, onAttachFragment,
onConfigurationChanged, onContextItemSelected, onCreate,
onCreateAnimation, onCreateContextMenu, onCreateOptionsMenu,
onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach,
onHiddenChanged, onInflate, onInflate, onLowMemory,
onMultiWindowModeChanged, onOptionsItemSelected,
onOptionsMenuClosed, onPause, onPictureInPictureModeChanged,
onPrepareOptionsMenu, onRequestPermissionsResult, onResume,
onSaveInstanceState, onStart, onStop, onCreateView,
onViewStateRestored, postponeEnterTransition,
registerForContextMenu, requestPermissions,
setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,
setArguments, setEnterSharedElementCallback, setEnterTransition,
setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,
setInitialSavedState, setMenuVisibility, setReenterTransition,
setRetainInstance, setReturnTransition,
setSharedElementEnterTransition, setSharedElementReturnTransition,
setTargetFragment, setUserVisibleHint,
shouldShowRequestPermissionRationale, startActivity, startActivity,
startActivityForResult, startActivityForResult,
startIntentSenderForResult, startPostponedEnterTransition, toString,
unregisterForContextMenu

```



Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```



Field Detail

◇ recyclerViewView

```
private android.support.v7.widget.RecyclerView recyclerViewView
```

Contains the RecyclerView from the visual layout

◇ friends

```
private java.util.List<User> friends
```

Contains the user's friends

◇ context

```
private android.content.Context context
```

Context from the attached activity



Constructor Detail

◇ FriendsFragment

```
public FriendsFragment()
```

◆ Method Detail

◆ onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                     android.view.ViewGroup container,  
                                     android.os.Bundle savedInstanceState)
```

Creates the visual layout for fragment.

Overrides:

`onCreateView` in class `android.support.v4.app.Fragment`

◆ addOrReplace

```
private void addOrReplace(User user)
```

Adds or replace a friend in the friend list.

◆ loadFriends

```
private void loadFriends()
```

Loads the user's friends from the database.

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ultramirinc.champs_mood.fragments

Class HomeFragment

- java.lang.Object
 - - ◆ android.support.v4.app.Fragment
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.HomeFragment
 - All Implemented Interfaces:
 - android.content.ComponentCallbacks, android.view.View.OnClickListener, android.view.View.OnCreateContextMenuListener, com.google.android.gms.common.api.GoogleApiClient.ConnectionCallbacks, com.google.android.gms.common.api.GoogleApiClient.OnConnectionFailedListener, com.google.android.gms.maps.GoogleMap.OnInfoWindowClickListener, com.google.android.gms.maps.OnMapReadyCallback, java.util.Observer
-

```
public class
extends android.support.v4.app.Fragment
implements java.util.Observer, com.google.android.gms.maps.OnMapReadyCallback, com.google
```

Created by Etienne Berube on 2017-03-23. This class is the homepage of the app. When it is launched. It appears as the first tab the user will see. He will then see his current mood and the location of his friends on the map.

◆ Nested Class Summary



Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState



Field Summary

| Modifier and Type | Field and Description |
|--|---|
| private java.util.List< <u>User</u> > | <u>friends</u>
Contains list of the user's Friends |
| private
com.google.android.gms.common.api.GoogleApiClient | <u>mGoogleApiClient</u>
The Google Api Client Object is required to access Google's APIs |
| private
com.google.android.gms.location.LocationRequest | <u>mLocationRequest</u>
The location request in order to get information from the GPS |
| private com.google.android.gms.maps.GoogleMap | <u>mMap</u>
The map from Google Map |
| private android.view.View | <u>view</u>
Contains the visual layout of the fragment |



Fields inherited from interface com.google.android.gms.common.api.GoogleApiClient.C

CAUSE_NETWORK_LOST, CAUSE_SERVICE_DISCONNECTED



Constructor Summary

Constructor and Description

HomeFragment()



Method Summary

Modifier and Type

Method and Description

| | |
|--------------|---|
| private void | <u>createGoogleMapClient</u> ()
This method creates the Google Api Client used for the Google Map. |
| private void | <u>createRequestLocation</u> ()
Creates the location requests in order to get the location from the user's phone |

| | |
|-------------------|---|
| void | <u>drawMap()</u>
Draws the map accordingly to the user's friends locations |
| void | <u>getFriends</u> (<u>User</u> u)
Gets the current User's friends. |
| private void | <u>loadProfile</u> ()
Gets the current User's informations. |
| void | <u>onClick</u> (android.view.View v) |
| void | <u>onConnected</u> (android.os.Bundle bundle)
This method is called when the Google Api Client is connected. |
| void | <u>onConnectionFailed</u> (com.google.android.gms.common.ConnectionResu |
| void | <u>onConnectionSuspended</u> (int i)
This method is called when the connection between the Google Api Client and |
| android.view.View | <u>onCreateView</u> (android.view.LayoutInflater inflater, android.view
android.os.Bundle savedInstanceState)
Inflates the visual layout for the fragment |
| void | <u>onDestroyView</u> () |
| void | <u>onInfoWindowClick</u> (com.google.android.gms.maps.model.Marker mark |
| void | <u>onMapReady</u> (com.google.android.gms.maps.GoogleMap googleMap) |
| void | <u>onPause</u> () |
| void | <u>onResume</u> () |
| void | <u>setDataListeners</u> (<u>User</u> u)
Sets Listeners for the map to re-draw each time a friend changes its location. |
| void | <u>setUserAndPaintProfile</u> (<u>User</u> u)
This method takes a User and sets the visual layout accordingly to certain fields. |
| void | <u>update</u> (java.util.Observable o, java.lang.Object arg) |
| void | <u>updateView</u> (<u>User</u> u)
Updates the View for the user's mood. |



Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isMenuVisible, isRemoving, isResumed, isVisible, onActivityCreated, onActivityResult, onAttach, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreate, onCreateAnimation, onCreateContextMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onDetach, onHiddenChanged, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onSaveInstanceState, onStart, onStop,

Method Detail

◇ onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

Inflates the visual layout for the fragment

Overrides:

onCreateView in class android.support.v4.app.Fragment

◇ update

```
public void update(java.util.Observable o,
                  java.lang.Object arg)
```

Specified by:

update in interface java.util.Observer

◇ updateView

```
public void updateView(User u)
```

Updates the View for the user's mood.

◇ onResume

```
public void onResume()
```

Overrides:

onResume in class android.support.v4.app.Fragment

◇ onPause

```
public void onPause()
```

Overrides:

onPause in class android.support.v4.app.Fragment

◇ onConnected

```
public void onConnected(@Nullable
                       android.os.Bundle bundle)
```

This method is called when the Google Api Client is connected.

Specified by:

onConnected in

interface com.google.android.gms.common.api.GoogleApiClient.ConnectionC

◇ createGoogleMapClient

```
private void createGoogleMapClient()
```

This method creates the Google Api Client used for the Google Map.

◇ createRequestLocation

```
private void createRequestLocation()
```

Creates the location requests in order to get the location from the user's phone

◇ onMapReady

```
public void onMapReady(com.google.android.gms.maps.GoogleMap googleMap)
```

Specified by:

onMapReady in

interface com.google.android.gms.maps.OnMapReadyCallback

◇ onConnectionSuspended

```
public void onConnectionSuspended(int i)
```

This method is called when the connection between the Google Api Client and the user is lost.

Specified by:

onConnectionSuspended in

interface com.google.android.gms.common.api.GoogleApiClient.ConnectionC

◇ onConnectionFailed

```
public void onConnectionFailed(@NonNull  
com.google.android.gms.common.ConnectionResu
```

Specified by:

onConnectionFailed in

interface com.google.android.gms.common.api.GoogleApiClient.OnConnection

◇ onDestroyView

```
public void onDestroyView()
```

Overrides:

onDestroyView in class android.support.v4.app.Fragment

◇ onClick

```
public void onClick(android.view.View v)
```

Specified by:

onClick in interface android.view.View.OnClickListener

◇ setUserAndPaintProfile

```
public void setUserAndPaintProfile(User u)
```

This method takes a User and sets the visual layout accordingly to certain fields and variables.

◇ loadProfile

```
private void loadProfile()
```

Gets the current User's informations.

◇ getFriends

```
public void getFriends(User u)
```

Gets the current User's friends.

◆ ◇ setDataListeners

```
public void setDataListeners(User u)
```

Sets Listeners for the map to re-draw each time a friend changes its location.

◇ onInfoWindowClick

```
public void onInfoWindowClick(com.google.android.gms.maps.model.Marker mark
```

Specified by:

`onInfoWindowClick` in

`interface` `com.google.android.gms.maps.GoogleMap.OnInfoWindowClickListener`

◇ drawMap

```
public void drawMap()
```

Draws the map accordingly to the user's friends locations

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ultramirinc.champs_mood.fragments

Class MyAdapterFriend

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderFriend](#)>
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyAdapterFriend

```
public class
extends android.support.v7.widget.RecyclerView.Adapter<MyViewHolderFriend>
```

Created by William on 2017-04-04. This class creates a binding between the raw data and the visual interpretation of a User for the current user's friends. This class binds it with a MyViewHolderFriend object.

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
|-------------------|-----------------------|

| | |
|---------------------------------|-------------------------|
| private android.content.Context | context |
|---------------------------------|-------------------------|

| | |
|---|--|
| | The context to the activity |
| <code>private boolean</code> | <u>isPokable</u>
Determines if the friend can be poked or not |
| <code>private java.util.List<User></code> | <u>list</u>
Contains the list of the user's friends |

◆ Constructor Summary

Constructor and Description

MyAdapterFriend()
MyAdapterFriend(java.util.List<User> list,
 android.content.Context context)

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------------------|--|
| <code>private int</code> | <u>adaptDayOfWeek</u> (int weekday)
There's a mismatch between our original int values of weekdays with the java.util.calendar integer values of weekdays. |
| <code>java.lang.String</code> | <u>breakCalculator</u> (User u,
java.util.ArrayList<Break> friendBreaks) |
| <code>private void</code> | <u>checkBreakStatus</u> (MyViewHolderFriend myViewHolderFriend,
User u)
Gets the user's break status (time before a break, in break or no more breaks). |
| <code>static long</code> | <u>getDateDiff</u> (java.util.GregorianCalendar date1,
java.util.GregorianCalendar date2,
java.util.concurrent.TimeUnit timeUnit)
Returns the difference between two dates in milliseconds. |
| <code>int</code> | <u>getItemCount</u> ()
Returns the size of the list. |
| <code>void</code> | <u>onBindViewHolder</u> (MyViewHolderFriend myViewHolderFriend,
int position)
Binds the information from a given friend with the ViewHolder. |
| <u>MyViewHolderFriend</u> | <u>onCreateViewHolder</u> (android.view.ViewGroup viewGroup,
int itemType)
Creates a Visual interpretation using a custom ViewHolder. |
| <code>private void</code> | <u>Poke</u> (User user)
Pokes a given user. |



Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

bindViewHolder, onCreateViewHolder, getItemId, getItemViewType,
 hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged,
 notifyItemChanged, notifyItemInserted, notifyItemMoved,
 notifyItemRangeChanged, notifyItemRangeChanged,
 notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved,

```
onAttachedToRecyclerView, onBindViewHolder,  
onDetachedFromRecyclerView, onFailedToRecycleView,  
onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled,  
registerAdapterDataObserver, setHasStableIds,  
unregisterAdapterDataObserver
```



Methods inherited from class java.lang.Object

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



Field Detail

◇ list

```
private java.util.List<User> list
```

Contains the list of the user's friends

◇ context

```
private android.content.Context context
```

The context to the activity

◇ isPokable

```
private boolean isPokable
```

Determines if the friend can be poked or not



Constructor Detail

◇ MyAdapterFriend

```
public MyAdapterFriend(java.util.List<User> list,  
                        android.content.Context context)
```

◇ MyAdapterFriend

```
public MyAdapterFriend()
```



Method Detail

◇ onCreateViewHolder

```
public MyViewHolderFriend onCreateViewHolder(android.view.ViewGroup viewGroup,  
                                              int itemType)
```

Creates a Visual interpretation using a custom ViewHolder.

Specified by:

```
onCreateViewHolder in
```

```
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderFriend>
```

◇ onBindViewHolder

```
public void onBindViewHolder(MyViewHolderFriend myViewHolderFriend,  
                             int position)
```

Binds the information from a given friend with the ViewHolder.

Specified by:

```
onBindViewHolder in  
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderFriend>
```

◇ Poke

```
private void Poke(User user)
```

Pokes a given user.

◇ getItemCount

```
public int getItemCount()
```

Returns the size of the list.

Specified by:

```
getItemCount in  
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderFriend>
```

◇ getDateDiff

```
public static long getDateDiff(java.util.GregorianCalendar date1,  
                               java.util.GregorianCalendar date2,  
                               java.util.concurrent.TimeUnit timeUnit)
```

Returns the difference between two dates in milliseconds.

◇ checkBreakStatus

```
private void checkBreakStatus(MyViewHolderFriend myViewHolderFriend,  
                              User u)
```

Gets the user's break status (time before a break, in break or no more breaks).

◇ breakCalculator

```
public java.lang.String breakCalculator(User u,  
                                         java.util.ArrayList<Break> friendBr
```

◇ adaptDayOfWeek

```
private int adaptDayOfWeek(int weekday)
```

There's a mismatch between our original int values of weekdays with the java.util.calendar integer values of weekdays.

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ultramirinc.champs_mood.fragments

Class MyAdapterNotification

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderNotification](#)>
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyAdapterNotification

```
public class
extends android.support.v7.widget.RecyclerView.Adapter<MyViewHolderNotification>
```

Created by William on 2017-04-06. This class creates a binding between the raw data and the visual interpretation of the notifications for a given User. This class binds it with a MyViewHolderNotifications object.

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|---------------------------------|-------------------------|
| private android.content.Context | context |

```
private boolean
```

The context to the activity

isPokable

Determines if the friend can be poked or not

```
private java.util.List<Notification>
```

list

Contains the list of the user's notification

Constructor Summary

Constructor and Description

```
MyAdapterNotification(java.util.List<Notification> list,  
android.content.Context context)
```

Method Summary

Modifier and Type

Method and Description

```
int
```

getItemCount()

Returns the size of the list.

```
void
```

onBindViewHolder(MyViewHolderNotification myViewHolderNo
int position)

Binds the information from a given notification with the
ViewHolder.

```
MyViewHolderNotification
```

onCreateViewHolder(android.view.ViewGroup viewGroup,
int itemType)

Creates a Visual interpretation using a custom ViewHolder.

```
private void
```

poke(java.lang.String UserId)

Pokes a given user.

◇

Methods inherited from class android.support.v7.widget.RecyclerView.Adapter

```
bindViewHolder, onCreateViewHolder, getItemId, getItemViewType,  
hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged,  
notifyItemChanged, notifyItemInserted, notifyItemMoved,  
notifyItemRangeChanged, notifyItemRangeChanged,  
notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved,  
onAttachedToRecyclerView, onBindViewHolder,  
onDetachedFromRecyclerView, onFailedToRecycleView,  
onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled,  
registerAdapterDataObserver, setHasStableIds,  
unregisterAdapterDataObserver
```

◇

Methods inherited from class java.lang.Object

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


◆ Field Detail

◆ context

```
private android.content.Context context
```

The context to the activity

◆ list

```
private java.util.List<Notification> list
```

Contains the list of the user's notification

◆ isPokable

```
private boolean isPokable
```

Determines if the friend can be poked or not



Constructor Detail

◆ MyAdapterNotification

```
public MyAdapterNotification(java.util.List<Notification> list,  
                             android.content.Context context)
```



Method Detail

◆ onCreateViewHolder

```
public MyViewHolderNotification onCreateViewHolder(android.view.ViewGroup v,  
                                                    int itemType)
```

Creates a Visual interpretation using a custom ViewHolder.

Specified by:

```
onCreateViewHolder in
```

```
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderNotif
```

◆ onBindViewHolder

```
public void onBindViewHolder(MyViewHolderNotification myViewHolderNotificat  
                             int position)
```

Binds the information from a given notification with the ViewHolder.

Specified by:

```
onBindViewHolder in
```

```
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderNotif
```

◆ poke

```
private void poke(java.lang.String UserId)
```

Pokes a given user.

- **◇ getItemCount**

```
public int getItemCount()
```

Returns the size of the list.

Specified by:

getItemCount in

class android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderNotif](#)

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ultramirinc.champs_mood.fragments

Class MyAdapterSearch

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderSearch](#)>
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyAdapterSearch

```
public class
extends android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSearch>
```

Created by William on 2017-04-06. This class creates a binding between the raw data and the visual interpretation for the results . This class binds it with a MyViewHolderNotification object.

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|-------------------|-----------------------|
|-------------------|-----------------------|

| | |
|---------------------------------|--|
| private android.content.Context | context
The context to the activity |
|---------------------------------|--|

| | |
|---|---|
| <code>private boolean</code> | <u><code>isPokable</code></u>
Determines if the friend can be poked or not |
| <code>private java.util.List<<u><code>User</code></u>></code> | <u><code>list</code></u>
Contains the list of the user's search |

◆ Constructor Summary

Constructor and Description

`MyAdapterSearch`(`java.util.List<User> list`,
`android.content.Context context`)

◆ Method Summary

| Modifier and Type | Method and Description |
|--|--|
| <code>private int</code> | <u><code>adaptDayOfWeek</code></u> (<code>int weekday</code>)
There's a mismatch between our original int values of weekdays with the <code>java.utils.calendar</code> integer values of weekdays. |
| <code>java.lang.String</code> | <u><code>breakCalculator</code></u> (<u><code>User</code></u> <code>u</code> ,
<code>java.util.ArrayList<<u><code>Break</code></u>> friendBreaks</code>) |
| <code>private void</code> | <u><code>checkBreakStatus</code></u> (<u><code>MyViewHolderSearch</code></u> <code>viewHolderSearch</code> ,
<u><code>User</code></u> <code>u</code>)
Gets the user's break status (time before a break, in break or no more breaks). |
| <code>static long</code> | <u><code>getDateDiff</code></u> (<code>java.util.GregorianCalendar date1</code> ,
<code>java.util.GregorianCalendar date2</code> ,
<code>java.util.concurrent.TimeUnit timeUnit</code>)
Returns the difference between two dates in milliseconds. |
| <code>int</code> | <u><code>getItemCount</code></u> ()
Returns the size of the list. |
| <code>void</code> | <u><code>onBindViewHolder</code></u> (<u><code>MyViewHolderSearch</code></u> <code>myViewHolderSearch</code> ,
<code>int position</code>)
Binds the information from a given search with the ViewHolder. |
| <u><code>MyViewHolderSearch</code></u> | <u><code>onCreateViewHolder</code></u> (<code>android.view.ViewGroup viewGroup</code> ,
<code>int itemType</code>)
Creates a Visual interpretation using a custom ViewHolder. |
| <code>private void</code> | <u><code>poke</code></u> (<u><code>User</code></u> <code>user</code>)
Pokes a given user. |



Methods inherited from class `android.support.v7.widget.RecyclerView.Adapter`

`bindViewHolder`, `createViewHolder`, `getItemId`, `getItemViewType`,
`hasObservers`, `hasStableIds`, `notifyDataSetChanged`, `notifyItemChanged`,
`notifyItemChanged`, `notifyItemInserted`, `notifyItemMoved`,
`notifyItemRangeChanged`, `notifyItemRangeChanged`,
`notifyItemRangeInserted`, `notifyItemRangeRemoved`, `notifyItemRemoved`,
`onAttachedToRecyclerView`, `onBindViewHolder`,
`onDetachedFromRecyclerView`, `onFailedToRecycleView`,
`onViewAttachedToWindow`, `onViewDetachedFromWindow`, `onViewRecycled`,
`registerAdapterDataObserver`, `setHasStableIds`,

```
unregisterAdapterDataObserver
```



Methods inherited from class java.lang.Object

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



Field Detail

◇ context

```
private android.content.Context context
```

The context to the activity

◇ list

```
private java.util.List<User> list
```

Contains the list of the user's search

◇ isPokable

```
private boolean isPokable
```

Determines if the friend can be poked or not



Constructor Detail

◇ MyAdapterSearch

```
public MyAdapterSearch(java.util.List<User> list,  
                        android.content.Context context)
```



Method Detail

◇ onCreateViewHolder

```
public MyViewHolderSearch onCreateViewHolder(android.view.ViewGroup viewGroup,  
                                              int itemType)
```

Creates a Visual interpretation using a custom ViewHolder.

Specified by:

```
onCreateViewHolder in
```

```
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSearch>
```

◇ onBindViewHolder

```
public void onBindViewHolder(MyViewHolderSearch myViewHolderSearch,  
                             int position)
```

Binds the information from a given search with the ViewHolder.

Specified by:

onBindViewHolder in

class android.support.v7.widget.RecyclerView.Adapter<[MyViewHolderSearch](#)>

◇ **poke**

```
private void poke(User user)
```

Pokes a given user.

◇ **getItemCount**

```
public int getItemCount()
```

Returns the size of the list.

Specified by:

```
getItemCount in
```

```
class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSearch>
```

◇ **checkBreakStatus**

```
private void checkBreakStatus(MyViewHolderSearch viewHolderSearch,  
                             User u)
```

Gets the user's break status (time before a break, in break or no more breaks).

◇ **breakCalculator**

```
public java.lang.String breakCalculator(User u,  
                                       java.util.ArrayList<Break> friendBr
```

◇ **getDateDiff**

```
public static long getDateDiff(java.util.GregorianCalendar date1,  
                               java.util.GregorianCalendar date2,  
                               java.util.concurrent.TimeUnit timeUnit)
```

Returns the difference between two dates in milliseconds.

◇ **adaptDayOfWeek**

```
private int adaptDayOfWeek(int weekday)
```

There's a mismatch between our original int values of weekdays with the java.utils.calendar integer values of weekdays.

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ultramirinc.champs_mood.fragments

Class MyViewHolderFriend

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.ViewHolder
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyViewHolderFriend

•

```
public class
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Created by William on 2017-04-04. This class assigns a given value to a View object, allowing the user to see the information for a given friend

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|---------------------------------|---|
| private android.widget.TextView | breakTextView
Contains the TextView of the friend's break text |

| | |
|--|---|
| <code>private android.widget.Button</code> | <u>mButton</u>
Contains the Button of the friend's poke button |
| <code>private android.widget.TextView</code> | <u>moodView</u>
Contains the TextView of the friend's mood |
| <code>private android.widget.TextView</code> | <u>nameView</u>
Contains the TextView of the friend's name |



Fields inherited from class `android.support.v7.widget.RecyclerView.ViewHolder`

`itemView`



Constructor Summary

Constructor and Description

[MyViewHolderFriend](#)(`android.view.View itemView`)



Method Summary

| Modifier and Type | Method and Description |
|--------------------------------------|---|
| <code>void</code> | <u>bind</u> (<u>User</u> myFriend)
Binds the friend's name and mood to their respective TextView variables. |
| <code>android.widget.TextView</code> | <u>getBreakTextView</u> ()
Getter for breakTextView. |
| <code>android.widget.Button</code> | <u>getButton</u> ()
Getter for mButton. |
| <code>android.widget.TextView</code> | <u>getMoodView</u> ()
Getter for moodView. |
| <code>android.widget.TextView</code> | <u>getNameView</u> ()
Getter for nameView. |
| <code>void</code> | <u>setBreakTextText</u> (<code>java.lang.String s</code>)
Setter for breakTextView using a String variable. |
| <code>void</code> | <u>setBreakTextView</u> (<code>android.widget.TextView breakTextView</code>)
Setter for breakTextView using a TextView variable. |
| <code>void</code> | <u>setButton</u> (<code>android.widget.Button mButton</code>)
Setter for mButton. |
| <code>void</code> | <u>setMoodView</u> (<code>android.widget.TextView moodView</code>)
Setter for moodView. |
| <code>void</code> | <u>setNameView</u> (<code>android.widget.TextView nameView</code>)
Setter for nameView. |



Methods inherited from class `android.support.v7.widget.RecyclerView.ViewHolder`

`getAdapterPosition`, `getItemId`, `getItemViewType`, `getLayoutPosition`, `getOldPosition`, `getPosition`, `isRecyclable`, `setIsRecyclable`, `toString`

◇ Methods inherited from class java.lang.Object

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

- ◇ **Field Detail**

◇ **nameView**

```
private android.widget.TextView nameView
```

Contains the TextView of the friend's name

◇ **moodView**

```
private android.widget.TextView moodView
```

Contains the TextView of the friend's mood

◇ **breakTextView**

```
private android.widget.TextView breakTextView
```

Contains the TextView of the friend's break text

◇ **mButton**

```
private android.widget.Button mButton
```

Contains the Button of the friend's poke button

- ◇ **Constructor Detail**

◇ **MyViewHolderFriend**

```
public MyViewHolderFriend(android.view.View itemView)
```

- ◇ **Method Detail**

◇ **bind**

```
public void bind(User myFriend)
```

Binds the friend's name and mood to their respective TextView variables.

◇ **getNameView**

```
public android.widget.TextView getNameView()
```

Getter for nameView.

◇ **setNameView**

```
public void setNameView(android.widget.TextView nameView)
```

Setter for nameView.

◇ **getMoodView**

```
public android.widget.TextView getMoodView()
```

Getter for moodView.

◇ **setMoodView**

```
public void setMoodView(android.widget.TextView moodView)
```

Setter for moodView.

◇ **getBreakTextView**

```
public android.widget.TextView getBreakTextView()
```

Getter for breakTextView.

◇ **setBreakTextView**

```
public void setBreakTextView(android.widget.TextView breakTextView)
```

Setter for breakTextView using a TextView variable.

◇ **setBreakTextText**

```
public void setBreakTextText(java.lang.String s)
```

Setter for breakTextView using a String variable.

◇ **getButton**

```
public android.widget.Button getButton()
```

Getter for mButton.

◇ **setButton**

```
public void setButton(android.widget.Button mButton)
```

Setter for mButton.

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ultramirinc.champs_mood.fragments

Class MyViewHolderNotification

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.ViewHolder
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyViewHolderNotification

•

```
public class
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Created by William on 2017-04-06. This class makes the transition between the raw data and a visual interpretation for the user's notifications.

- - ◆

Field Summary

Modifier and Type

```
private
android.widget.Button
```

Field and Description

[button](#)

| | |
|------------------------------------|--|
| | Contains the Button of the person that sent the notification |
| private
android.widget.TextView | <u>isFriendView</u>
Contains the TextView of the friend status of the person that sent the notification |
| private
android.widget.TextView | <u>sentByView</u>
Contains the TextView of the name of the person that sent the notification |
| private
android.widget.TextView | <u>typeView</u>
Contains the TextView of the notification's type |
| ◇ | |

Fields inherited from class android.support.v7.widget.RecyclerView.ViewHolder

itemView

Constructor Summary

Constructor and Description

MyViewHolderNotification(android.view.View itemView)

Method Summary

| Modifier and Type | Method and Description |
|-------------------------|---|
| void | <u>bind</u> (<u>Notification</u> notification)
Binds the notifications's person name, type and person friend status to their respective TextView variables. |
| android.widget.Button | <u>getButton</u> ()
Getter for button. |
| android.widget.TextView | <u>getIsFriendView</u> ()
Getter for isFriendView. |
| android.widget.TextView | <u>getSentByView</u> ()
Getter for sentByView. |
| android.widget.TextView | <u>getTypeView</u> ()
Getter for typeView. |
| void | <u>setButton</u> (android.widget.Button button)
Setter for button. |
| void | <u>setIsFriendView</u> (android.widget.TextView isFriendView)
Setter for isFriendView. |
| void | <u>setSentByView</u> (android.widget.TextView sentByView)
Setter for sentByView. |
| void | <u>setTypeView</u> (android.widget.TextView typeView)
Setter for typeView. |

◇ **Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder**

`getAdapterPosition, getItemId, getItemViewType, getLayoutPosition, getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString`

◇ **Methods inherited from class java.lang.Object**

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

- ◇ **Field Detail**

◇ **button**

`private android.widget.Button button`

Contains the Button of the person that sent the notification

◇ **sentByView**

`private android.widget.TextView sentByView`

Contains the TextView of the name of the person that sent the notification

◇ **typeView**

`private android.widget.TextView typeView`

Contains the TextView of the notification's type

◇ **isFriendView**

`private android.widget.TextView isFriendView`

Contains the TextView of the friend status of the person that sent the notification

- ◇ **Constructor Detail**

◇ **MyViewHolderNotification**

`public MyViewHolderNotification(android.view.View itemView)`

- ◇ **Method Detail**

◇ **bind**

`public void bind(Notification notification)`

Binds the notifications's person name, type and person friend status to their respective TextView variables.

◇ **getSentByView**

```
public android.widget.TextView getSentByView()
```

Getter for sentByView.

◇ **setSentByView**

```
public void setSentByView(android.widget.TextView sentByView)
```

Setter for sentByView.

◇ **getTypeView**

```
public android.widget.TextView getTypeView()
```

Getter for typeView.

◇ **setTypeView**

```
public void setTypeView(android.widget.TextView typeView)
```

Setter for typeView.

◇ **getIsFriendView**

```
public android.widget.TextView getIsFriendView()
```

Getter for isFriendView.

◇ **setIsFriendView**

```
public void setIsFriendView(android.widget.TextView isFriendView)
```

Setter for isFriendView.

◇ **getButton**

```
public android.widget.Button getButton()
```

Getter for button.

◇ **setButton**

```
public void setButton(android.widget.Button button)
```

Setter for button.

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ultramirinc.champs_mood.fragments

Class MyViewHolderSearch

- java.lang.Object
- - ◆ android.support.v7.widget.RecyclerView.ViewHolder
 - ◆
 - ◇ ultramirinc.champs_mood.fragments.MyViewHolderSearch

```
public class
extends android.support.v7.widget.RecyclerView.ViewHolder
```

Created by William on 2017-04-06. This class does the transition between the raw data and a visual interpretation for the results of a searched person

- - ◆

Field Summary

| Modifier and Type | Field and Description |
|------------------------------------|--------------------------------------|
| private
android.widget.TextView | <u>breakTextView</u> |

| | |
|--|--|
| | Contains the TextView of the break text of the person that is searched |
| <code>private android.widget.Button</code> | <u>button</u>
Contains the Button of the person that is searched |
| <code>private java.lang.String</code> | <u>isFriend</u>
Contains the String of the friend status of the person that is searched |
| <code>private android.widget.TextView</code> | <u>moodView</u>
Contains the TextView of the mood of the person that is searched |
| <code>private android.widget.TextView</code> | <u>nameView</u>
Contains the TextView of the name of the person that is searched |



Fields inherited from class `android.support.v7.widget.RecyclerView.ViewHolder`

`itemView`



Constructor Summary

Constructor and Description

`MyViewHolderSearch`(`android.view.View itemView`)



Method Summary

| Modifier and Type | Method and Description |
|--------------------------------------|--|
| <code>void</code> | <u><code>bind</code></u> (<u><code>User</code></u> person)
Binds the person's name, mood and friend status to their respective TextView variables. |
| <code>android.widget.TextView</code> | <u><code>getBreakTextView</code></u> ()
Getter for breakTextView. |
| <code>android.widget.Button</code> | <u><code>getButton</code></u> ()
Getter for button. |
| <code>java.lang.String</code> | <u><code>getIsFriend</code></u> ()
Getter for isFriendView. |
| <code>android.widget.TextView</code> | <u><code>getMoodView</code></u> ()
Getter for moodView. |
| <code>android.widget.TextView</code> | <u><code>getNameView</code></u> ()
Getter for nameView. |
| <code>void</code> | <u><code>setBreakText</code></u> (<code>java.lang.String text</code>)
Setter for breakTextView using a TextView variable. |
| <code>void</code> | <u><code>setButton</code></u> (<code>android.widget.Button button</code>)
Setter for button. |
| <code>void</code> | <u><code>setIsFriend</code></u> (<code>java.lang.String isFriend</code>)
Setter for isFriendView. |

void setMoodView(android.widget.TextView moodView)
Setter for moodView.

void setNameView(android.widget.TextView nameView)
Setter for nameView.



Methods inherited from class android.support.v7.widget.RecyclerView.ViewHolder

getAdapterPosition, getItemId, getItemViewType, getLayoutPosition,
getOldPosition, getPosition, isRecyclable, setIsRecyclable, toString



Methods inherited from class java.lang.Object

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



Field Detail

◇ isFriend

private java.lang.String isFriend

Contains the String of the friend status of the person that is searched

◇ nameView

private android.widget.TextView nameView

Contains the TextView of the name of the person that is searched

◇ moodView

private android.widget.TextView moodView

Contains the TextView of the mood of the person that is searched

◇ breakTextView

private android.widget.TextView breakTextView

Contains the TextView of the break text of the person that is searched

◇ button

private android.widget.Button button

Contains the Button of the person that is searched



Constructor Detail

◇ MyViewHolderSearch

public MyViewHolderSearch(android.view.View itemView)

Method Detail

◇ **bind**

```
public void bind(User person)
```

Binds the person's name, mood and friend status to their respective TextView variables.

◇ **getNameView**

```
public android.widget.TextView getNameView()
```

Getter for nameView.

◇ **setNameView**

```
public void setNameView(android.widget.TextView nameView)
```

Setter for nameView.

◇ **getMoodView**

```
public android.widget.TextView getMoodView()
```

Getter for moodView.

◇ **setMoodView**

```
public void setMoodView(android.widget.TextView moodView)
```

Setter for moodView.

◇ **getBreakTextView**

```
public android.widget.TextView getBreakTextView()
```

Getter for breakTextView.

◇ **setBreakText**

```
public void setBreakText(java.lang.String text)
```

Setter for breakTextView using a TextView variable.

◇ **getIsFriend**

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

Getter for isFriendView.

◇ **setIsFriend**

```
public void setIsFriend(java.lang.String isFriend)
```

Setter for isFriendView.

◇ **getButton**

```
public android.widget.Button getButton()
```

Getter for button.

◆ **setButton**

```
public void setButton(android.widget.Button button)
```

Setter for button.

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ultramirinc.champs_mood.fragments

Class NotificationFragment

- java.lang.Object
 - ◆ android.support.v4.app.Fragment
 - ◇ ultramirinc.champs_mood.fragments.NotificationFragment
 - All Implemented Interfaces:
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener
-

```
public class  
extends android.support.v4.app.Fragment
```

Created by Etienne Berube on 2017-03-23. This class is a tab that contains all of the notifications for a given User. It is a tab under TabActivity.

- ◆
Nested Class Summary

◇ Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState

◆ Field Summary

| Modifier and Type | Field and Description |
|--|---|
| private android.content.Context | <u>context</u>
Context from attached activity |
| private
android.support.v7.widget.LinearLayoutManager | <u>mLayoutManager</u>
Manages the LinearLayout of layout |
| private java.util.List< <u>Notification</u> > | <u>notifications</u>
Contains a list of all the user's notifications |
| private android.support.v7.widget.RecyclerView | <u>recyclerView</u>
Contains the RecyclerView of the layout |

◆ Constructor Summary

Constructor and Description

NotificationFragment()

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| private void | <u>addNotifications()</u>
Adds a notification to the list. |
| private void | <u>LoadNotifications()</u>
Gets notification from the Database. |
| android.view.View | <u>onCreateView</u> (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)
Inflates the visual aspect of the Fragment. |

◇ Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance,


```

getReturnTransition, getSharedElementEnterTransition,
getSharedElementReturnTransition, getString, getString, getTag,
getTargetFragment, getTargetRequestCode, getText,
getUserVisibleHint, getView, hashCode, hasOptionsMenu, instantiate,
instantiate, isAdded, isDetached, isHidden, isInLayout,
isMenuVisible, isRemoving, isResumed, isVisible, onActivityCreated,
onActivityResult, onAttach, onAttach, onAttachFragment,
onConfigurationChanged, onContextItemSelected, onCreate,
onCreateAnimation, onCreateContextMenu, onCreateOptionsMenu,
onDestroy, onDestroyOptionsMenu, onDestroyView, onDetach,
onHiddenChanged, onInflate, onInflate, onLowMemory,
onMultiWindowModeChanged, onOptionsItemSelected,
onOptionsMenuClosed, onPause, onPictureInPictureModeChanged,
onPrepareOptionsMenu, onRequestPermissionsResult, onResume,
onSaveInstanceState, onStart, onStop, onCreateView,
onViewStateRestored, postponeEnterTransition,
registerForContextMenu, requestPermissions,
setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,
setArguments, setEnterSharedElementCallback, setEnterTransition,
setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,
setInitialSavedState, setMenuVisibility, setReenterTransition,
setRetainInstance, setReturnTransition,
setSharedElementEnterTransition, setSharedElementReturnTransition,
setTargetFragment, setUserVisibleHint,
shouldShowRequestPermissionRationale, startActivity, startActivity,
startActivityForResult, startActivityForResult,
startIntentSenderForResult, startPostponedEnterTransition, toString,
unregisterForContextMenu

```



Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```



Field Detail

◆ **recyclerView**

```
private android.support.v7.widget.RecyclerView recyclerView
```

Contains the RecyclerView of the layout

◆ **mLayoutManager**

```
private android.support.v7.widget.LinearLayoutManager mLayoutManager
```

Manages the LinearLayout of layout

◆ **notifications**

```
private java.util.List<Notification> notifications
```

Contains a list of all the user's notifications

◆ **context**

```
private android.content.Context context
```

Context from attached activity

◆ Constructor Detail

◇ NotificationFragment

```
public NotificationFragment()
```



Method Detail

◇ onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

Inflates the visual aspect of the Fragment.

Overrides:

`onCreateView` in class `android.support.v4.app.Fragment`

◇ addNotifications

```
private void addNotifications()
```

Adds a notification to the list.

◇ LoadNotifications

```
private void LoadNotifications()
```

Gets notification from the Database.

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ultramirinc.champs_mood.fragments

Class ProfileFragment

- [java.lang.Object](#)
 - - ◆ [android.support.v4.app.Fragment](#)
 - ◆ [ultramirinc.champs_mood.fragments.ProfileFragment](#)
 - All Implemented Interfaces:
 - [android.content.ComponentCallbacks](#), [android.view.View.OnClickListener](#), [android.view.View.OnCreateContextMenuListener](#), [android.view.View.OnTouchListener](#), [com.google.android.gms.common.api.GoogleApiClient.ConnectionCallbacks](#), [com.google.android.gms.common.api.GoogleApiClient.OnConnectionFailedListener](#), [com.google.android.gms.location.LocationListener](#), [com.google.android.gms.maps.OnMapReadyCallback](#), [java.util.Observer](#)
-

```
public class
extends android.support.v4.app.Fragment
implements com.google.android.gms.maps.OnMapReadyCallback, com.google.android.gms.common
```

Created by Etienne Berube on 2017-03-23. This will be the user's profile. He will be able to change his mood, location and floor from this page.

◆ Nested Class Summary



Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState



Field Summary

Modifier and Type

private com.google.android.gms.location.LocationSettingsRequest.Builder

private android.content.Context

private boolean

private com.google.android.gms.common.api.GoogleApiClient

private android.widget.ImageButton

private android.location.Location

private java.lang.String

private com.google.android.gms.location.LocationRequest

private java.lang.String

private com.google.android.gms.maps.GoogleMap

private static int

private
com.google.android.gms.common.api.PendingResult<com.google.android.gms.location.L

private android.view.View

◇ Fields inherited from interface `com.google.android.gms.common.api.GoogleApiClient.C`

`CAUSE_NETWORK_LOST`, `CAUSE_SERVICE_DISCONNECTED`

◆ Constructor Summary

Constructor and Description

[ProfileFragment\(\)](#)

◆ Method Summary

| Modifier and Type | Method and Description |
|--------------------------------|--|
| <code>private int</code> | <u>adaptDayOfWeek(int weekday)</u>
There's a mismatch between our original int values of weekdays with the java.util.Calendar values of weekdays. |
| <code>java.lang.String</code> | <u>breakCalculator(User u, java.util.ArrayList<Break> friendBreaks)</u>
Calculates the time difference between two breaks. |
| <code>private void</code> | <u>checkBreakStatus(User u)</u>
Gets the user's break status (time before a break, in break or no more breaks). |
| <code>private boolean</code> | <u>checkPermission()</u>
Check if the application has the authorization to use the device's localisation. |
| <code>void</code> | <u>clearMap()</u>
Clears the map. |
| <code>private void</code> | <u>createGoogleApiClient()</u>
Creates a Google Map API Client in order to use Google's APIs. |
| <code>private void</code> | <u>createRequestLocation()</u>
Creates the request for the location updates. |
| <code>static long</code> | <u>getDateDiff(java.util.GregorianCalendar date1, java.util.GregorianCalendar date2, java.util.concurrent.TimeUnit timeUnit)</u>
Returns the time difference between two dates in milliseconds. |
| <code>private void</code> | <u>loadProfile()</u>
Gets the user's information from the database. |
| <code>void</code> | <u>onAttach(android.content.Context context)</u>
Gets called when the fragment gets attached to an activity. |
| <code>void</code> | <u>onClick(android.view.View v)</u>
prevents the user to click on undesired elements. |
| <code>void</code> | <u>onConnected(android.os.Bundle bundle)</u>
Enables the user to update his or her location and start the location updates from the Google API Client. |
| <code>void</code> | <u>onConnectionFailed(com.google.android.gms.common.ConnectionResult result)</u>
Handles the event where the connection to the Google API Client fails. |
| <code>void</code> | <u>onConnectionSuspended(int i)</u>
Stops the location updates if the connection to the Google API Client is lost. |
| <code>android.view.View</code> | <u>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</u>
Inflates the fragment's visual layout. |

| | |
|----------------|---|
| void | <u><a>onDestroyView()</u>
Destroys the map when the fragment stops in order to prevent re-inflation of the map. |
| void | <u><a>onLocationChanged()</u> (android.location.Location location)
Handles the event where the user's location changes. |
| void | <u><a>onMapReady()</u> (com.google.android.gms.maps.GoogleMap googleMap)
Sets the map when it is ready to be used (location, zoom, markers). |
| void | <u><a>onPause()</u>
Stops the location updates from the user's device and disconnect the Google API Client. |
| void | <u><a>onRequestPermissionsResult()</u> (int requestCode, java.lang.String[] grantResults)
Handles the result of the the permission request. |
| void | <u><a>onResume()</u>
Reconnects to the Google API Client (if needed) and start the location updates. |
| void | <u><a>onStart()</u>
Create or connect to a Google Api Client (if needed) and start location updates when the fragment starts. |
| void | <u><a>onStop()</u>
Stops the location updates from the device when the fragment stops. |
| boolean | <u><a>onTouch()</u> (android.view.View v, android.view.MotionEvent event)
Prevents the user to swipe undesired elements. |
| void | <u><a>printLocation()</u>
Prints user's location. |
| private void | <u><a>requestPermission()</u> (java.lang.String permissionName, int requestCode)
Requests a permission to a given aspect to the user. |
| private void | <u><a>setMood()</u> (java.lang.String mood)
Changes the user's Mood in the database. |
| void | <u><a>setUserAndPaintProfile()</u> (User u)
Changes the layout according to the user's information. |
| void | <u><a>startLocationUpdates()</u>
Start the location updates. |
| protected void | <u><a>stopLocationUpdates()</u>
Stop the location updates. |
| void | <u><a>update()</u> (java.util.Observable o, java.lang.Object arg)
Updates the user's information when a field is changed in the database. |
| void | <u><a>updateLocation()</u>
Update the user's location on the map and in the database. |



Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout,

◇ **mLongitudeText**

```
private java.lang.String mLongitudeText
```

A String version of the user's last known longitude

◇ **view**

```
private android.view.View view
```

Contains the fragments visual layout

◇ **mGpsUpdate**

```
private android.widget.ImageButton mGpsUpdate
```

Contains the button for the GPS update

◇ **mLocationRequest**

```
private com.google.android.gms.location.LocationRequest mLocationRequest
```

Contains the location request in order to get updates form the user's device

◇ **context**

```
private android.content.Context context
```

Contains the context from the attached activity

◇ **builder**

```
private com.google.android.gms.location.LocationSettingsRequest.Builder builder
```

Contains the a builder to change the user's device GPS state

◇ **result**

```
private com.google.android.gms.common.api.PendingResult<com.google.android.gms.common.api.Result> result
```

Contains the result of the permission validity

◇ **mapIsReady**

```
private boolean mapIsReady
```

If the map is ready



Constructor Detail

◇ **ProfileFragment**

```
public ProfileFragment()
```



Method Detail

◇ **onAttach**

```
public void onAttach(android.content.Context context)
```

Gets called when the fragment gets attached to an activity. This method gets the context.

Overrides:

onAttach in class android.support.v4.app.Fragment

◇ **onCreateView**

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                       android.view.ViewGroup container,
                                       android.os.Bundle savedInstanceState)
```

Inflates the fragment's visual layout.

Overrides:

onCreateView in class android.support.v4.app.Fragment

◇ **update**

```
public void update(java.util.Observable o,
                   java.lang.Object arg)
```

Updates the user's information when a field is changed in the database.

Specified by:

update in interface java.util.Observer

◇ **setMood**

```
private void setMood(java.lang.String mood)
```

Changes the user's Mood in the database.

◇ **loadProfile**

```
private void loadProfile()
```

Gets the user's information from the database.

◇ **setUserAndPaintProfile**

```
public void setUserAndPaintProfile(User u)
```

Changes the layout according to the user's information.

◇ **onStart**

```
public void onStart()
```

Create or connect to a Google Api Client (if needed) and start location updates from the device when the fragment starts.

Overrides:

onStart in class android.support.v4.app.Fragment

◇ **onStop**

```
public void onStop()
```

Stops the location updates from the device when the fragment stops.

Overrides:

onStop in class android.support.v4.app.Fragment

◇ **onResume**

```
public void onResume()
```

Reconnects to the Google API Client (if needed) and start the location updates from the user's device.

Overrides:

`onResume` in class `android.support.v4.app.Fragment`

◇ **onPause**

```
public void onPause()
```

Stops the location updates from the user's device and disconnect the Google API client.

Overrides:

`onPause` in class `android.support.v4.app.Fragment`

◇ **onConnected**

```
public void onConnected(@Nullable  
                        android.os.Bundle bundle)
```

Enables the user to update his or her location and start the location updates from the user's device.

Specified by:

`onConnected` in

interface `com.google.android.gms.common.api.GoogleApiClient.ConnectionCallbacks`

◇ **createGoogleApiClient**

```
private void createGoogleApiClient()
```

Creates a Google Map API Client in order to use Google's APIs.

◇ **createRequestLocation**

```
private void createRequestLocation()
```

Creates the request for the location updates.

◇ **onMapReady**

```
public void onMapReady(com.google.android.gms.maps.GoogleMap googleMap)
```

Sets the map when it is ready to be used (location, zoom, markers).

Specified by:

`onMapReady` in

interface `com.google.android.gms.maps.OnMapReadyCallback`

◇ **checkPermission**

```
private boolean checkPermission()
```

Check if the application has the authorization to use the device's localisation.

◇ **onConnectionSuspended**

```
public void onConnectionSuspended(int i)
```

Stops the location updates if the connection to the Google API Client is lost.

Specified by:

onConnectionSuspended in

interface com.google.android.gms.common.api.GoogleApiClient.ConnectionC

◇ **onConnectionFailed**

```
public void onConnectionFailed(@NonNull
                               com.google.android.gms.common.ConnectionResu
```

Handles the event where the connection to the Google API Client fails.

Specified by:

onConnectionFailed in

interface com.google.android.gms.common.api.GoogleApiClient.OnConnection

◇ **startLocationUpdates**

```
public void startLocationUpdates()
```

Start the location updates.

◇ **stopLocationUpdates**

```
protected void stopLocationUpdates()
```

Stop the location updates.

◇ **onDestroyView**

```
public void onDestroyView()
```

Destroys the map when the fragment stops in order to prevent re-inflation of the view.

Overrides:

onDestroyView in class android.support.v4.app.Fragment

◇ **onClick**

```
public void onClick(android.view.View v)
```

prevents the user to click on undesired elements.

Specified by:

onClick in interface android.view.View.OnClickListener

◇ **onTouch**

```
public boolean onTouch(android.view.View v,
                       android.view.MotionEvent event)
```

Prevents the user to swipe undesired elements.

Specified by:

onTouch in interface android.view.View.OnTouchListener

◇ **onLocationChanged**

```
public void onLocationChanged(android.location.Location location)
```

Handles the event where the user's location changes.

Specified by:

onLocationChanged in

interface com.google.android.gms.location.LocationListener

◇ **updateLocation**

```
public void updateLocation()
```

Update the user's location on the map and in the database.

◇ **requestPermission**

```
private void requestPermission(java.lang.String permissionName,  
                               int permissionRequestCode)
```

Requests a permission to a given aspect to the user.

◇ **onRequestPermissionsResult**

```
public void onRequestPermissionsResult(int requestCode,  
                                       java.lang.String[] permissions,  
                                       int[] grantResults)
```

Handles the result of the the permission request.

Overrides:

```
onRequestPermissionsResult in  
class android.support.v4.app.Fragment
```

◇ **clearMap**

```
public void clearMap()
```

Clears the map.

◇ **getDateDiff**

```
public static long getDateDiff(java.util.GregorianCalendar date1,  
                               java.util.GregorianCalendar date2,  
                               java.util.concurrent.TimeUnit timeUnit)
```

Returns the time difference between two dates in milliseconds.

◇ **checkBreakStatus**

```
private void checkBreakStatus(User u)
```

Gets the user's break status (time before a break, in break or no more breaks).

◇ **breakCalculator**

```
public java.lang.String breakCalculator(User u,  
                                         java.util.ArrayList<Break> friendBr
```

Calculates the time difference between two breaks.

◇ **adaptDayOfWeek**

```
private int adaptDayOfWeek(int weekday)
```

There's a mismatch between our original int values of weekdays with the java.util.calendar integer values of weekdays.

◇ **printLocation**

```
public void printLocation()
```

Prints user's location.

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ultramirinc.champs_mood.fragments

Class SearchFragment

- java.lang.Object
 - ◆ android.support.v4.app.Fragment
 - ◆ ultramirinc.champs_mood.fragments.SearchFragment
 - All Implemented Interfaces:
android.content.ComponentCallbacks, android.view.View.OnCreateContextMenuListener
-

```
public class  
extends android.support.v4.app.Fragment
```

Created by Etienne Berube on 2017-03-23. This class allows the user to search for friends or potential friends on the database. It is a tab for TabActivity.

- ◆
Nested Class Summary

◇ Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState

◆ Field Summary

| Modifier and Type | Field and Description |
|---|--|
| private android.content.Context | <u>context</u>
Contains the context of the attached activity |
| (package private)
com.google.firebase.database.DatabaseReference | <u>databaseUsers</u>
Contains a reference to the database used |
| private java.util.List< <u>User</u> > | <u>people</u>
Contains a list with the people found by the search query |
| (package private) android.app.ProgressDialog | <u>progressDialog</u>
Contains a progress dialog |
| private android.support.v7.widget.RecyclerView | <u>recyclerView</u>
Contains the layout's RecyclerView |

◆ Constructor Summary

Constructor and Description

SearchFragment()

◆ Method Summary

| Modifier and Type | Method and Description |
|-------------------|---|
| void | <u>onCreate</u> (android.os.Bundle savedInstanceState)
Sets certain parameters when the fragment is created. |
| android.view.View | <u>onCreateView</u> (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)
Inflates the visual layout to the fragment. |
| void | <u>searchUsers</u> (java.lang.String query)
Searches for users with a given user name in the database |

◇ Methods inherited from class android.support.v4.app.Fragment

dump, equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments,


```

getChildFragmentManager, getContext, getEnterTransition,
getExitTransition, getFragmentManager, getHost, getId,
getLayoutInflater, getLoaderManager, getParentFragment,
getReenterTransition, getResources, getRetainInstance,
getReturnTransition, getSharedElementEnterTransition,
getSharedElementReturnTransition, getString, getString, getTag,
getTargetFragment, getTargetRequestCode, getText,
getUserVisibleHint, getView, hashCode, hasOptionsMenu, instantiate,
instantiate, isAdded, isDetached, isHidden, isInLayout,
isMenuVisible, isRemoving, isResumed, isVisible, onActivityCreated,
onActivityResult, onAttach, onAttach, onAttachFragment,
onConfigurationChanged, onContextItemSelected, onCreateAnimation,
onCreateContextMenu, onCreateOptionsMenu, onDestroy,
onDestroyOptionsMenu, onDestroyView, onDetach, onHiddenChanged,
onInflate, onInflate, onLowMemory, onMultiWindowModeChanged,
onOptionsItemSelected, onOptionsMenuClosed, onPause,
onPictureInPictureModeChanged, onPrepareOptionsMenu,
onRequestPermissionsResult, onResume, onSaveInstanceState, onStart,
onStop, onViewCreated, onViewStateRestored, postponeEnterTransition,
registerForContextMenu, requestPermissions,
setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap,
setArguments, setEnterSharedElementCallback, setEnterTransition,
setExitSharedElementCallback, setExitTransition, setHasOptionsMenu,
setInitialSavedState, setMenuVisibility, setReenterTransition,
setRetainInstance, setReturnTransition,
setSharedElementEnterTransition, setSharedElementReturnTransition,
setTargetFragment, setUserVisibleHint,
shouldShowRequestPermissionRationale, startActivity, startActivity,
startActivityForResult, startActivityForResult,
startIntentSenderForResult, startPostponedEnterTransition, toString,
unregisterForContextMenu

```



Methods inherited from class java.lang.Object

```
clone, finalize, getClass, notify, notifyAll, wait, wait, wait
```



Field Detail

◆ **recyclerView**

```
private android.support.v7.widget.RecyclerView recyclerView
```

Contains the layout's RecyclerView

◆ **people**

```
private java.util.List<User> people
```

Contains a list with the people found by the search query

◆ **context**

```
private android.content.Context context
```

Contains the context of the attached activity

◇ databaseUsers

```
com.google.firebase.database.DatabaseReference databaseUsers
```

Contains a reference to the database used

◇ progressDialog

```
android.app.ProgressDialog progressDialog
```

Contains a progress dialog



Constructor Detail

◇ SearchFragment

```
public SearchFragment()
```



Method Detail

◇ onCreate

```
public void onCreate(android.os.Bundle savedInstanceState)
```

Sets certain parameters when the fragment is created.

Overrides:

`onCreate` in class `android.support.v4.app.Fragment`

◇ onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                       android.view.ViewGroup container,
                                       android.os.Bundle savedInstanceState)
```

Inflates the visual layout to the fragment.

Overrides:

`onCreateView` in class `android.support.v4.app.Fragment`

◇ searchUsers

```
public void searchUsers(java.lang.String query)
```

Searches for users with a given user name in the database

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