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ultramirinc.champs_mood
Class AppCompatPreferenceActivity

- java.lang.Object
  - ♦ android.content.Context
    - ◊ android.content.ContextWrapper
      - ◊ · android.view.ContextThemeWrapper
        - · • android.app.Activity
          - • ♦ android.app.ListActivity
            - ♦ ◊ android.preference.PreferenceActivity
              - ◊ · ultramirinc.champs_mood.AppCompatPreferenceAct

- 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
private android.support.v7.app.AppCompatDelegate	mDelegate

◊

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

AppCompatPreferenceActivity()

♦
Method Summary

Modifier and Type	Method and Descr
void	addContentView(android.view.View view, android.view.ViewGroup.LayoutParams par
private android.support.v7.app.AppCompatDelegate	getDelegate()
android.view.MenuInflater	getMenuInflater()
android.support.v7.app.ActionBar	getSupportActionBar()
void	invalidateOptionsMenu()
void	onConfigurationChanged(android.content.
protected void	onCreate(android.os.Bundle savedInstance
protected void	onDestroy()
protected void	onPostCreate(android.os.Bundle savedInst

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,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, 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,
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, getFileStreamPath, 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.AppCompatDelegate mDelegate
```

♦
Constructor Detail

◊ **AppCompatPreferenceActivity**

```
public AppCompatPreferenceActivity()
```

♦
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.AppCompatDelegate getDelegate()
```

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- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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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.OnItemSelectedListener

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

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.

10

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

♦

Field Summary

Modifier and Type	Field and Description
private android.content.Context	context Contains the context of the attached activity
private java.lang.String	day Day of the break
private android.app.TimePickerDialog	end The TimePickerDialog for the ending time
private int	endHour The ending hour of the break
private int	endMinute The ending minute of the break
private android.widget.TextView	endTime Contains the view for the end time
private boolean	isCancelled Is true if the user cancelled the break creation
private android.widget.Spinner	listDay Contains the drop-down menu of the days of the week
private BreakCreator.OnBreakReadyListener	mListener Contains the listener when the break is ready
private android.app.TimePickerDialog	start The TimePickerDialog for the starting time
private int	startHour The starting hour of the break
private int	startMinute The starting minute of the break
private android.widget.TextView	startTime 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
boolean	checkIfComplete() Check if the potential break is complete or if certain fields missing.
java.lang.String	getDay() Getter for day
int	getEndHour() Getter for endHour
int	getEndMinute() Getter for endMinute
BreakCreator.OnBreakReadyListener	getListener() Getter for mListener
int	getStartHour() Getter for startHour
int	getStartMinute() Getter for startMinute
boolean	isCancelled() Getter for isCancelled
static BreakCreator	newInstance(int title) Creates a new instance of this dialog.
void	onAttach(android.content.Context context) Gets context from attached activity.
android.view.View	onCreateView(android.view.LayoutInflater inflat android.view.ViewGroup container, android.os.Bundle savedInstanceState) Inflates the visual layout of the dialog.
void	onItemSelected(android.widget.AdapterView<?> pa android.view.View view, int position, long id) Selects a day from the dropdown menu when it is clicked o
void	onNothingSelected(android.widget.AdapterView<?> Sets a default value when no day is selected in the dropdow
void	onResume() Removes the keyboard from the screen when the dialog app
void	onViewCreated(android.view.View view, android.os.Bundle savedInstanceState) Sets listeners when the layout is inflated.

void	[setEndTimeView](#)() Setter for endTimeView
void	[setListener](#)([BreakCreator.OnBreakReadyListener](#) l 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, onRequestPermissionsResult,
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.OnItemSelectedListener`

◊ **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.OnItemSelectedListener`

◊ **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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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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ultramirinc.champs_mood

Class BuildConfig

- java.lang.Object
- ♦ ultramirinc.champs_mood.BuildConfig

-

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

20

- • Field Summary

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

♦ Constructor Summary

Constructor and Description
BuildConfig()

♦ Method Summary

◊ Methods inherited from class java.lang.Object

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

- • ♦ Field Detail

◊ DEBUG

```
public static final boolean DEBUG
```

◊ APPLICATION_ID

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

See Also:
    Constant Field Values

◊ BUILD_TYPE

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

See Also:
    Constant Field Values

◊ **FLAVOR**

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

See Also:
> Constant Field Values

◊ **VERSION_CODE**

```
public static final int VERSION_CODE
```

See Also:
> Constant Field Values

◊ **VERSION_NAME**

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

See Also:
> Constant Field Values

♦

Constructor Detail

◊ **BuildConfig**

```
public BuildConfig()
```

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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.AppCompatCallback, 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,
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, getFileStreamPath, 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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- Detail:
- Field |
- Constr |
- Method

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.FriendProfileActiv

- 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.AppCompatCallback, 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 User	friendProfile Contains the friend's User object
private com.google.android.gms.maps.model.LatLng	latLng Contains the friend's location
private com.google.android.gms.maps.GoogleMap	mMap Contains the map used
private android.app.ProgressDialog	progressDialog 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	adaptDayOfWeek(int weekday) There is a mismatch between our original int values of weekdays with the java.utils.calendar int values of weekdays.
private void	checkBreakStatus() Checks the status of the friend's break (in break in X minutes, in break or no more breaks).
private void	follow(User userToFollow) Allows to follow the given user.
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.
void	loadFriendProfile(java.lang.String userId) Gets the user's information from the database.
void	onBackPressed() Handles the event when the back button is pressed on the android device.
protected void	onCreate(android.os.Bundle savedInstanceState) Creates and inflates the layout of the activity.
void	onMapReady(com.google.android.gms.maps.GoogleMap googleMap) Sets the map when it is ready (Location, zoom, position, markers, etc.).
private boolean	unFollow(User 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,
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,
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, getFileStreamPath, 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.utils.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`

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

ultramirinc.champs_mood

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.AppCompatCallback, 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	LoginActivity.ProfileQuery Interface for the profile query.

◊
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 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	Met
private void	addEmailsToAutoComplete(java.util Creates adapter to tell the AutoCompleteT
private void	attemptLogin() Attempts to sign in or register the account
private boolean	isEmailValid(java.lang.String ema Checks if the email is valid.
private boolean	isPasswordValid(java.lang.String Checks if the password is valid.
private boolean	mayRequestContacts() Requests the user's permission to access t
void	onBackPressed() Prevents the user from using the back but
protected void	onCreate(android.os.Bundle savedI Creates and inflates the layout of the activ
android.content.Loader<android.database.Cursor>	onCreateLoader(int i, android.os. Creates and inflates the layout of the load
void	onLoaderReset(android.content.Loa Handles if the loader is reset.
void	onLoadFinished(android.content.Lo android.database.Cursor cursor) Handles if the loader is finished.
void	onRequestPermissionsResult(int re int[] grantResults) Callback received when a permissions req

private void	<u>populateAutoComplete</u>() Fills in the blanks if the permission for the
void	<u>startRegisterActivityView</u>(android Starts the RegisterActivity
private void	<u>userLogin</u>(java.lang.String email, 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, 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, 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,
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, getFileStreamPath, 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.OnRequestPermissionsRes`
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 i
                                                        andro
```

Creates and inflates the layout of the loader.
Specified by:
        onCreateLoader in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

◊ **onLoadFinished**

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

Handles if the loader is finished.
Specified by:
        onLoadFinished in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

◊ **onLoaderReset**

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

Handles if the loader is reset.
Specified by:
        onLoaderReset in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

◊ **addEmailsToAutoComplete**

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

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

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◊ **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 Manifest

- java.lang.Object
- ◆ ultramirinc.champs_mood.Manifest

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

- ◆

Nested Class Summary

Modifier and Type	Class and Description
static class	[Manifest.permission](#)

◆

Constructor Summary

Constructor and Description
[Manifest](#)()

◆

Method Summary

◊

Methods inherited from class java.lang.Object

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

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- ⬩ **Constructor Detail**

◊ Manifest

```
public Manifest()
```

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ultramirinc.champs_mood

Class Manifest.permission

- java.lang.Object
-           ◆ ultramirinc.champs_mood.Manifest.permission

- Enclosing class:
    Manifest

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

- ◆

Field Summary

Modifier and Type	Field and Description
static java.lang.String	C2D_MESSAGE

◆

Constructor Summary

Constructor and Description
permission()

◆

Method Summary

◊ **Methods inherited from class java.lang.Object**

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

- ◆

Field Detail

◊ **C2D_MESSAGE**

```
public static final java.lang.String C2D_MESSAGE
```

See Also:
> [Constant Field Values](#)

- ◆

Constructor Detail

◊ **permission**

```
public permission()
```

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

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- - **Field Summary**

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

- **Constructor Summary**

Constructor and Description
<u>MyAdapterSchedule</u>()
<u>MyAdapterSchedule</u>(java.util.List<u>Break</u> 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, 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**

◊ **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<MyViewHolderSched

◊ **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<MyViewHolderSched

◊ **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<`<u>MyViewHolderSched</u>

JavaScript is disabled on your browser.

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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
private android.widget.Button	delete Contains the Button of the break's delete button
private android.widget.TextView	fromTimeView Contains the TextView of the break's begin time
private android.widget.TextView	toTimeView 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
void	bind(Break myBreak) Binds the break's day, begin time and end time to their respective TextView variables.
android.widget.TextView	getDayView() Getter for dayView.
android.widget.Button	getDelete() Getter for delete.
android.widget.TextView	getFromTimeView() Getter for fromTimeView.
android.widget.TextView	getToTimeView() Getter for toTimeView.
void	setDayView(android.widget.TextView dayView) Setter for dayView.
void	setDelete(android.widget.Button delete) Setter for delete.
void	setFromTimeView(android.widget.TextView fromTimeView) Setter for fromTimeView.
void	setToTimeView(android.widget.TextView toTimeView) 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.

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	enabled 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,
PRESSED_ENABLED_SELECTED_WINDOW_FOCUSED_STATE_SET,
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	isPagingEnabled() Getter for enabled
boolean	onInterceptTouchEvent(android.view.MotionEvent event) Handles what happens when touch event is intercepted
boolean	onTouchEvent(android.view.MotionEvent event) Handles what happens when the ViewPager is touched
void	setPagingEnabled(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,
findViewWithTag, 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, setEnabled,
setFadingEdgeLength, setFilterTouchesWhenObscured,
setFitsSystemWindows, setFocusable, setFocusableInTouchMode,
setForeground, setForegroundGravity, setForegroundTintList,
setForegroundTintMode, setHapticFeedbackEnabled,
setHasTransientState, setHorizontalFadingEdgeEnabled,
setHorizontalScrollBarEnabled, setHovered, setId,
setImportantForAccessibility, setKeepScreenOn, setLabelFor,
setLayerPaint, setLayerType, setLayoutDirection, setLayoutParams,
setLeft, setLongClickable, setMeasuredDimension, setMinimumHeight,
setMinimumWidth, setNestedScrollingEnabled, setNextFocusDownId,
setNextFocusForwardId, setNextFocusLeftId, setNextFocusRightId,
setNextFocusUpId, setOnApplyWindowInsetsListener,
setOnClickListener, setOnContextClickListener,
setOnCreateContextMenuListener, setOnDragListener,
setOnFocusChangeListener, setOnGenericMotionListener,
setOnHoverListener, setOnKeyListener, setOnLongClickListener,
setOnScrollChangeListener, setOnSystemUiVisibilityChangeListener,
setOnTouchListener, setOutlineProvider, setOverScrollMode,
setPadding, setPaddingRelative, setPivotX, setPivotY,
setPointerIcon, setPressed, setRevealOnFocusHint, setRight,
setRotation, setRotationX, setRotationY, setSaveEnabled,
setSaveFromParentEnabled, setScaleX, setScaleY,
setScrollBarDefaultDelayBeforeFade, setScrollBarFadeDuration,
setScrollbarFadingEnabled, setScrollBarSize, setScrollBarStyle,
setScrollContainer, setScrollIndicators, setScrollIndicators,
setScrollX, setScrollY, setSelected, setSoundEffectsEnabled,
setStateListAnimator, setSystemUiVisibility, setTag, setTag,
setTextAlignment, setTextDirection, setTop, setTouchDelegate,
setTransitionName, setTranslationX, setTranslationY,
setTranslationZ, setVerticalFadingEdgeEnabled,
setVerticalScrollBarEnabled, setVerticalScrollbarPosition,
setVisibility, setWillNotCacheDrawing, setWillNotDraw, setX, setY,
setZ, showContextMenu, showContextMenu, startActionMode,
startActionMode, startAnimation, startDrag, startDragAndDrop,
startNestedScroll, stopNestedScroll, toString, unscheduleDrawable,
unscheduleDrawable, updateDragShadow, willNotCacheDrawing,
willNotDraw
```
◊

Methods inherited from class java.lang.Object

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

◊ **Methods inherited from interface android.view.ViewParent**

```
canResolveLayoutDirection, canResolveTextAlignment,
canResolveTextDirection, createContextMenu, getLayoutDirection,
getParent, getParentForAccessibility, getTextAlignment,
getTextDirection, isLayoutDirectionResolved, isLayoutRequested,
isTextAlignmentResolved, isTextDirectionResolved,
requestFitSystemWindows, requestLayout
```

● ♦

Field Detail

◊ **enabled**

```
private boolean enabled
```

Is the behavior enabled

♦

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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ultramirinc.champs_mood
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:

◊ IS_PRIMARY

```
static final int IS_PRIMARY
```

See Also:

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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	mEmail
private java.lang.String	mPassword

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◊ 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	doInBackground(java.lang.Void... params)
protected void	onCancelled()
protected void	onPostExecute(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.Bool

◊ **onPostExecute**

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

Overrides:
onPostExecute in
class android.os.AsyncTask<java.lang.Void,java.lang.Void,java.lang.Bool

◊ **onCancelled**

```
protected void onCancelled()
```

Overrides:
onCancelled in
class android.os.AsyncTask<java.lang.Void,java.lang.Void,java.lang.Bool

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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,

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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.AppCompatCallback, 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	RegisterActivity.ProfileQuery Interface for the profile query
class	RegisterActivity.UserRegisterTask 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	firebaseAuth Defining firebase auth object
private RegisterActivity.UserRegisterTask	mAuthTask Keep track of the login task to ensure we can cancel it if requested.
private android.widget.EditText	mConfirmView Contains a EditText of the password confirmation of the account that is being created
private android.widget.AutoCompleteTextView	mEmailView

		Contains a AutoCompleteTextView of the email of the account that is being created
private android.widget.AutoCompleteTextView	mNameView	Contains a AutoCompleteTextView of the name of the account that is being created
private android.widget.EditText	mPasswordView	Contains a EditText of the password of the account that is being created
private android.view.View	mProgressView	Contains a View of the progress of the account that is being created
private android.view.View	mRegisterFormView	Contains a View of the register form of the account that is being created
private android.app.ProgressDialog	progressDialog	Contains a ProgressDialog of the account that is being created
private static int	REQUEST_READ_CONTACTS	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	Met
private void	addEmailsToAutoComplete(java.util Creates adapter to tell the AutoCompleteT
private void	attemptLogin() Attempts to sign in or register the accoun
private boolean	isEmailValid(java.lang.String ema Checks if the email is valid.
private boolean	isPasswordValid(java.lang.String Checks if the password is valid.
private boolean	mayRequestContacts() Requests the user's permission to access
protected void	onCreate(android.os.Bundle savedI Creates and inflates the layout of the activ
android.content.Loader<android.database.Cursor>	onCreateLoader(int i, android.os. Creates and inflates the layout of the load
void	onLoaderReset(android.content.Loa Handles if the loader is reset.
void	onLoadFinished(android.content.Lo android.database.Cursor cursor) Handles if the loader is finished.
void	onRequestPermissionsResult(int re int[] grantResults) Callback received when a permissions req
private void	populateAutoComplete() Fills in the blanks if the permission for th

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private void	<u>registerUser</u>(java.lang.String ema Registers the user
private void	<u>showProgress</u>(boolean show) Shows the progress UI and hides the login

◊

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, 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,
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, getFileStreamPath, 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.OnRequestPermissionsRes`
Overrides:

◊ **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
                                                              andro.
```

Creates and inflates the layout of the loader.
Specified by:
        onCreateLoader in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

◊ **onLoadFinished**

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

Handles if the loader is finished.
Specified by:
        onLoadFinished in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

◊ **onLoaderReset**

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

Handles if the loader is reset.
Specified by:
        onLoaderReset in
        interface android.app.LoaderManager.LoaderCallbacks<android.database.Cu

- ◊ **addEmailsToAutoComplete**

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

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

JavaScript is disabled on your browser.

- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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.AppCompatCallback, 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.

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♦ **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<Break>	breakList Contains a list of all the breaks of a user
private android.content.Context	context Contains the context from the attached activity
private android.support.v7.widget.RecyclerView	recyclerView 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	onBreakReady(java.lang.String breakString) Handles the event when a break is ready.
protected void	onCreate(android.os.Bundle savedInstanceState) Creates and inflate the view of the activity.
void	populateList() Gets the breaks from the database and adds them in the list.
private void	saveBreakToDb(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, 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,
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, getFileStreamPath, 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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Class SettingsActivity

- java.lang.Object
-      ♦ android.content.Context
-          ◊ android.content.ContextWrapper
-              ◊   · android.view.ContextThemeWrapper

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· • 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.AppCompatCallback, 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. These are the settings the user can play with

- ♦
  ## 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
SettingsActivity()

♦

Method Summary

Modifier and Type	Method and Description
private void	logOut() Logs out the current user.
protected void	onCreate(android.os.Bundle savedInstanceState) Creates and inflate the visual layout for the activity.
void	startBreakCreatorActivity(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, 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,
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, getFileStreamPath, 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

JavaScript is disabled on your browser.

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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.AppCompatCallback, 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	firebaseAuth Contains the database authentication reference
private static int	SPLASH_TIME_OUT 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, 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,
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, getFileStreamPath, 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>	[mFragmentList](#) Contains a list of all fragments of the

110

◊

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	addFragment(android.support.v4.app.Fragment fragm Adds a fragment to the list of fragments.
int	getCount() Gets the number of fragments in the list.
android.support.v4.app.Fragment	getItem(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**

◊ mFragmentList

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

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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[Skip navigation links](#)

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.AppCompatCallback, 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	TabActivity.SectionsPagerAdapter A `FragmentPagerAdapter` 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 TabActivity.SectionsPagerAdapter	mSectionsPagerAdapter Contains a section pager adapter for the activity
private MyViewPager	mViewPager Contains the view pager for the activity
private android.app.ProgressDialog	progressDialog 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	loadUserInformationSetupViewPager(MyViewPager viewPager) Gets user's information from the database and sets up the ViewPager.
void	onBackPressed() Quits the application when the back button of the android device is pressed.
protected void	onCreate(android.os.Bundle savedInstanceState) Creates and inflate the visual layout for the Activity.
boolean	onCreateOptionsMenu(android.view.Menu menu) Inflates the toolbar with a given XML file.
boolean	onOptionsItemSelected(android.view.MenuItem item) Handles the actions when a icon in the toolbar is clicked.
void	onPause() Removes the progress dialog when the activity is paused.
void	removeKeyboard() Removes the keyboard from the screen.
private void	setupViewPager(MyViewPager viewPager) 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, 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, 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,
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, getFileStreamPath, 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`

JavaScript is disabled on your browser.

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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	day The day of the break
private Time	end Contains the at which the break ends
private java.lang.String	Id The Id of the Break
private int	intDay The integer representation of the day
private Time	start Contains the time at which the break starts
private java.lang.String	userId 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	compareTo(Break o) Determines is a break is before or after another break.
boolean	equals(java.lang.Object o) Returns whether or not two breaks are the same.
java.lang.String	getDay() Getter for the day.
Time	getEnd() Getter for the end time.
java.lang.String	getFromTime() Returns a string interpretation of the starting time.
java.lang.String	getId() Getter for ID.
int	getIntDay() Getter for the integer representation of the day.
Time	getStart() Getter for the starting time.
Time	getTimeDifference() Returns the time difference between two breaks.
java.lang.String	getToTime() Returns a string interpretation of the ending time.
java.lang.String	getUserId() Getter for the UserID
void	setDay(java.lang.String day) Setter for the day.
void	setEnd(Time end) Setter for the end time.
void	setId(java.lang.String id) Setter for ID.
void	setIntDay(int intDay) Setter for the integer representation of the day.
void	setStart(Time 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.

◊ **getToTime**

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

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.

JavaScript is disabled on your browser.

- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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
private double	lng A longitude

♦
Constructor Summary

Constructor and Description
MyLocation()
MyLocation(double lat, double lng)

♦
Method Summary

Modifier and Type	Method and Description
double	getLat()

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.

JavaScript is disabled on your browser.

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

- ♦

Field Summary

Modifier and Type	Field and Description
private static int	FRIEND_REQUEST The code for a friend request
private java.lang.String	id The Id of the notification

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private boolean	isFriend	Whether or not one user is friend with the other
private java.lang.String	message	The message of the notification
private static int	NOW_FRIEND	The code for a friend acceptation
private static int	POKED_YOU	The code for a poke
private java.lang.String	recipientId	The Id of the recipient
private java.lang.String	senderId	The Id of the sender
private java.lang.String	sentBy	The sending user
private int	type	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	getFriendStatus() Returns whether or not two user's are friends.
java.lang.String	getId() Getter for the notification Id.
java.lang.String	getMessage() Getter for the message of the notification.
java.lang.String	getRecipientId() Getter for the recipient Id.
java.lang.String	getSenderId() Getter for the sender Id.
java.lang.String	getSentBy() Getter for the sender's name.
int	getType() Getter for the type of the notification.
boolean	isFriend()

	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:
<u>Constant Field Values</u>

◊ **NOW_FRIEND**

```
private static final int NOW_FRIEND
```

The code for a friend acceptance
See Also:
<u>Constant Field Values</u>

◊ **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

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◊ **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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Skip navigation links

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	numVal The actual integer value

♦

Method Summary

Modifier and Type	Method and Description
int	getNumVal() Returns the code for the notification type.
static Notification_type	valueOf(java.lang.String name) Returns the enum constant of this type with the specified name.
static Notification_type[]	values() 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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- Summary:
- Nested |
- |
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- Detail:
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- Summary:
- Nested |
- |

ultramirinc.champs_mood.models

Class Time

- java.lang.Object
- ◆ ultramirinc.champs_mood.models.Time

- All Implemented Interfaces:
  java.lang.Comparable<<u>Time</u>>

```
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	<u>hour</u> The hour of the time
private int	<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)

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	Returns if a Time is before or after another time.
int	getHour() Getter for the hour.
int	getMinute() Getter for the minutes.
void	setHour(int hour) Setter for the hour.
void	setMinute(int minute) Setter for the minutes.
java.lang.String	toString() 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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Skip navigation links

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

  ◆
  ## Constructor Summary

Constructor and Description
User()

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

♦

Method Summary

Modifier and Type	Method and Description
boolean	addToFriendList(java.lang.String userId) Adds a user to the friendList.
boolean	addToFriendList(User user) Adds a user to the friendList.
java.util.ArrayList<Break>	getBreaks() Gets the user's breaks.
java.lang.String	getBreakStatus() Getter for the break status.
java.lang.String	getBreakText() Getter for the breakText.
int	getFloor() Getter for the user's floor.
java.util.ArrayList<java.lang.String>	getFriendList() Returns the friendList of the user.
java.lang.String	getFriendStatus(User user) Gets the friend status.
java.lang.String	getId() Getter for the user's id.
MyLocation	getLastLocation() Getter for the user's location.
java.lang.String	getMood() Getter for the mood.
java.lang.String	getName() Getter for the user's name.
java.lang.String	getNameLowered() Gets the user's name lowered
java.lang.String	getuId() Gets the user Id.
boolean	isFriend() Getter for isFriend.
boolean	isFriend(java.lang.String userId) Returns whether or not the user is friend with another
boolean	isFriend(User user) Returns whether or not the user is friend with another
boolean	isLocationShared() Getter for isLocationShared.
boolean	removeFromFriendList(User user) Removes a user from the user's friendList

void	setBreaks(java.util.ArrayList<Break> breaks Sets the user's breaks.
void	setBreakText(java.lang.String breakText) Setter for the breakText.
void	setFloor(int floor) Setter for the user's floor.
void	setFriend(boolean friend) Setter for isFriend.
void	setFriendList(java.util.ArrayList<java.lang Sets the user's friendList.
void	setId(java.lang.String id) Setter's for the user's id.
void	setLastLocation(MyLocation lastLocation) Setter for the user's location.
void	setLocationShared(boolean locationShared) Setter for isLocationShared.
void	setMood(java.lang.String mood) Setter for the mood.
void	setName(java.lang.String name) Setter for the user's name.
void	setNameLowered(java.lang.String nameLowered Sets the user's name lowered
void	setuId(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.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
com.google.firebase.database.DatabaseReference	databaseNotifications A reference to the current database used

♦
Constructor Summary

Constructor and Description
NotificationManager()

♦
Method Summary

Modifier and Type	Method and Description
void	deleteNotificaton(Notification n) Deletes the notification from the database
void	saveNotification(Notification n) 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
com.google.firebase.database.DatabaseReference	databaseUsers A reference to the current database
private static UserManager	instance

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A reference to a UserManager
object

- ## Constructor Summary

Modifier	Constructor and Description
protected	UserManager()

- ## Method Summary

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

- Detail:
- Field |
- Constr |
- Method

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	context Context from the attached activity
private java.util.List<User>	friends Contains the user's friends
private android.support.v7.widget.RecyclerView	recyclerView Contains the RecyclerView from the visual layout

◆ Constructor Summary

Constructor and Description
FriendsFragment()

◆ Method Summary

Modifier and Type	Method and Description
private void	addOrReplace(User user) Adds or replace a friend in the friend list.
private void	loadFriends() Loads the user's friends from the database.
android.view.View	onCreateView(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, 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 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<User>	friends Contains list of the user's Friends
private com.google.android.gms.common.api.GoogleApiClient	mGoogleApiClient The Google Api Client Object is required to access Google's APIs
private com.google.android.gms.location.LocationRequest	mLocationRequest The location request in order to get information from the GPS
private com.google.android.gms.maps.GoogleMap	mMap The map from Google Map
private android.view.View	view 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	createGoogleMapClient() This method creates the Google Api Client used for the Google Map.
private void	createRequestLocation() Creates the location requests in order to get the location from the user's phone
void	drawMap() Draws the map accordingly to the user's friends locations
void	getFriends(User u) Gets the current User's friends.
private void	loadProfile() Gets the current User's informations.
void	onClick(android.view.View v)
void	onConnected(android.os.Bundle bundle) This method is called when the Google Api Client is connected.
void	onConnectionFailed(com.google.android.gms.common.ConnectionResu
void	onConnectionSuspended(int i) This method is called when the connection between the Google Api Client and
android.view.View	onCreateView(android.view.LayoutInflater inflater, android.view android.os.Bundle savedInstanceState) Inflates the visual layout for the fragment
void	onDestroyView()
void	onInfoWindowClick(com.google.android.gms.maps.model.Marker mark
void	onMapReady(com.google.android.gms.maps.GoogleMap googleMap)
void	onPause()
void	onResume()
void	setDataListeners(User u) Sets Listeners for the map to re-draw each time a friend changes its location.
void	setUserAndPaintProfile(User u) This method takes a User and sets the visual layout accordingly to certain fields
void	update(java.util.Observable o, java.lang.Object arg)
void	updateView(User 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, 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, 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

◊ mMap

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

The map from Google Map
◊ mGoogleApiClient

`private com.google.android.gms.common.api.GoogleApiClient mGoogleApiClient`

The Google Api Client Object is required to access Google's APIs
◊ view

`private android.view.View view`

Contains the visual layout of the fragment

◊ **mLocationRequest**

```
private com.google.android.gms.location.LocationRequest mLocationRequest
```

The location request in order to get information from the GPS
◊ **friends**

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

Contains list of the user's Friends

♦
Constructor Detail

◊ **HomeFragment**

```
public HomeFragment()
```

♦
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.OnConnectio

◊ **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.OnInfoWindowClickListen

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

- ♦
Constructor Summary

Constructor and Description
<u>MyAdapterFriend</u>()
<u>MyAdapterFriend</u>(java.util.List<<u>User</u>> list, android.content.Context context)

- ♦
Method Summary

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

◊ **list**

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

Contains the list of the user's friends

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◊ 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 viewGro
                                             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> friendBre
```

◊ **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 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 The context to the activity
private boolean	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, 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<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<MyViewHolderNotifi

◊ **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<MyViewHolderNotifi

◊ **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<MyViewHolderNotifi

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Skip navigation links

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
private boolean	isPokable Determines if the friend can be poked or not
private java.util.List<User>	list 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
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.
java.lang.String	breakCalculator(User u, java.util.ArrayList<Break> friendBreaks)
private void	checkBreakStatus(MyViewHolderSearch viewHolderSearch, User u) Gets the user's break status (time before a break, in break or no more breaks).
static long	getDateDiff(java.util.GregorianCalendar date1, java.util.GregorianCalendar date2, java.util.concurrent.TimeUnit timeUnit) Returns the difference between two dates in milliseconds.
int	getItemCount() Returns the size of the list.
void	onBindViewHolder(MyViewHolderSearch myViewHolderSearch, int position) Binds the information from a given search with the ViewHolder.
MyViewHolderSearch	onCreateViewHolder(android.view.ViewGroup viewGroup, int itemType) Creates a Visual interpretation using a custom ViewHolder.
private void	poke(User user) 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 viewGrou
                                             int itemType)
```

Creates a Visual interpretation using a custom ViewHolder.
Specified by:
>   onCreateViewHolder in
>   class android.support.v7.widget.RecyclerView.Adapter<MyViewHolderSearc

◊ **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<MyViewHolderSearc

◊ **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<MyViewHolderSearc

◊ **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.

JavaScript is disabled on your browser.

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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
private android.widget.Button	mButton Contains the Button of the friend's poke button
private android.widget.TextView	moodView Contains the TextView of the friend's mood
private android.widget.TextView	nameView 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
void	bind(User myFriend) Binds the friend's name and mood to their respective TextView variables.
android.widget.TextView	getBreakTextView() Getter for breakTextView.
android.widget.Button	getButton() Getter for mButton.
android.widget.TextView	getMoodView() Getter for moodView.
android.widget.TextView	getNameView() Getter for nameView.
void	setBreakTextText(java.lang.String s) Setter for breakTextView using a String variable.
void	setBreakTextView(android.widget.TextView breakTextView) Setter for breakTextView using a TextView variable.
void	setButton(android.widget.Button mButton) Setter for mButton.
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

◊ 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.

JavaScript is disabled on your browser.

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	Field and Description
private android.widget.Button	button Contains the Button of the person that sent the notification
private android.widget.TextView	isFriendView Contains the TextView of the friend status of the person that sent the notification
private android.widget.TextView	sentByView Contains the TextView of the name of the person that sent the notification
private android.widget.TextView	typeView 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	bind(Notification notification) Binds the notifications's person name, type and person friend status to their respective TextView variables.
android.widget.Button	getButton() Getter for button.

android.widget.TextView	getIsFriendView() Getter for isFriendView.
android.widget.TextView	getSentByView() Getter for sentByView.
android.widget.TextView	getTypeView() Getter for typeView.
void	setButton(android.widget.Button button) Setter for button.
void	setIsFriendView(android.widget.TextView isFriendView) Setter for isFriendView.
void	setSentByView(android.widget.TextView sentByView) Setter for sentByView.
void	setTypeView(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.

JavaScript is disabled on your browser.

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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	breakTextView Contains the TextView of the break text of the person that is searched
private android.widget.Button	button Contains the Button of the person that is searched
private java.lang.String	isFriend Contains the String of the friend status of the person that is searched
	moodView

| private android.widget.TextView | Contains the TextView of the mood of the person that is searched |
| private android.widget.TextView | nameView
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
void	bind(User person) Binds the person's name, mood and friend status to their respective TextView variables.
android.widget.TextView	getBreakTextView() Getter for breakTextView.
android.widget.Button	getButton() Getter for button.
java.lang.String	getIsFriend() Getter for isFriendView.
android.widget.TextView	getMoodView() Getter for moodView.
android.widget.TextView	getNameView() Getter for nameView.
void	setBreakText(java.lang.String text) Setter for breakTextView using a TextView variable.
void	setButton(android.widget.Button button) Setter for button.
void	setIsFriend(java.lang.String isFriend) 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.

JavaScript is disabled on your browser.

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	context Context from attached activity
private android.support.v7.widget.LinearLayoutManager	mLayoutManager Manages the LinearLayout of layout
private java.util.List<Notification>	nofications Contains a list of all the user's notifications
private android.support.v7.widget.RecyclerView	recyclerView Contains the RecyclerView of the layout

♦ Constructor Summary

Constructor and Description
NotificationFragment()

♦ Method Summary

Modifier and Type	Method and Description
private void	addNotifications() Adds a notification to the list.
private void	LoadNotifications() Gets notification from the Database.
android.view.View	onCreateView(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, 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 RecyclerView of the layout
◊ mLayoutManager

```
private android.support.v7.widget.LinearLayoutManager mLayoutManager
```

Manages the LinearLayout of layout
◊ nofications

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

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,

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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.Lo


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
private int	adaptDayOfWeek(int weekday) There's a mismatch between our original int values of weekdays with the java.u values of weekdays.
java.lang.String	breakCalculator(User u, java.util.ArrayList<Break> friendBreaks Calculates the time difference between two breaks.
private void	checkBreakStatus(User u) Gets the user's break status (time before a break, in break or no more breaks).
private boolean	checkPermission() Check if the application has the authorization to use the device's localisation.
void	clearMap() Clears the map.
private void	createGoogleMapClient() Creates a Google Map API Client in order to use Google's APIs.
private void	createRequestLocation() Creates the request for the location updates.
static long	

	<u>getDateDiff</u>(java.util.GregorianCalendar date1, java.util.Gregor java.util.concurrent.TimeUnit timeUnit) Returns the time difference between two dates in milliseconds.
private void	<u>loadProfile</u>() Gets the user's information from the database.
void	<u>onAttach</u>(android.content.Context context) Gets called when the fragment gets attached to an activity.
void	<u>onClick</u>(android.view.View v) prevents the user to click on undesired elements.
void	<u>onConnected</u>(android.os.Bundle bundle) Enables the user to update his or her location and start the location updates fror
void	<u>onConnectionFailed</u>(com.google.android.gms.common.ConnectionResu Handles the event where the connection to the Google API Client fails.
void	<u>onConnectionSuspended</u>(int i) Stops the location updates if the connection to the Google API Client is lost.
android.view.View	<u>onCreateView</u>(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstan Inflates the fragment's visual layout.
void	<u>onDestroyView</u>() Destroys the map when the fragment stops in order to prevent re-inflation of th
void	<u>onLocationChanged</u>(android.location.Location location) Handles the event where the user's location changes.
void	<u>onMapReady</u>(com.google.android.gms.maps.GoogleMap googleMap) Sets the map when it is ready to be used (location, zoom, markers).
void	<u>onPause</u>() Stops the location updates from the user's device and disconnect the Google AF
void	<u>onRequestPermissionsResult</u>(int requestCode, java.lang.String[] int[] grantResults) Handles the result of the the permission request.
void	<u>onResume</u>() Reconnects to the Google API Client (if needed) and start the location updates
void	<u>onStart</u>() Create or connect to a Google Api Client (if needed) and start location updates the fragment starts.
void	<u>onStop</u>() Stops the location updates from the device when the fragment stops.
boolean	<u>onTouch</u>(android.view.View v, android.view.MotionEvent event) Prevents the user to swipe undesired elements.
void	<u>printLocation</u>() Prints user's location.
private void	<u>requestPermission</u>(java.lang.String permissionName, int permissi Requests a permission to a given aspect to the user.
private void	<u>setMood</u>(java.lang.String mood) Changes the user's Mood in the database.
void	<u>setUserAndPaintProfile</u>(<u>User</u> u) Changes the layout according to the user's information.

void	startLocationUpdates() Start the location updates.
protected void	stopLocationUpdates() Stop the location updates.
void	update(java.util.Observable o, java.lang.Object arg) Updates the user's information when a field is changed in the database.
void	updateLocation() 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,
isMenuVisible, isRemoving, isResumed, isVisible, onActivityCreated,
onActivityResult, onAttach, onAttachFragment,
onConfigurationChanged, onContextItemSelected, onCreate,
onCreateAnimation, onCreateContextMenu, onCreateOptionsMenu,
onDestroy, onDestroyOptionsMenu, onDetach, onHiddenChanged,
onInflate, onInflate, onLowMemory, onMultiWindowModeChanged,
onOptionsItemSelected, onOptionsMenuClosed,
onPictureInPictureModeChanged, onPrepareOptionsMenu,
onSaveInstanceState, 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

◊ **MY_PERMISSION_ACCESS_FINE_LOCATION**

```
private static final int MY_PERMISSION_ACCESS_FINE_LOCATION
```

Constant for the permission of the Fine Location
See Also:
      Constant Field Values

◊ **mMap**

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

Contains map for fragment

◊ **mGoogleApiClient**

```
private com.google.android.gms.common.api.GoogleApiClient mGoogleApiClient
```

Contains Google Api Client

◊ **mLastLocation**

```
private android.location.Location mLastLocation
```

Contains the last known location of the user

◊ **mLatitudeText**

```
private java.lang.String mLatitudeText
```

A String version of the user's last known latitude

◊ **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 bui
```

Contains the a builder to change the user's device GPS state

◊ **result**

```
private com.google.android.gms.common.api.PendingResult<com.google.android.
```

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.ConnectionCa

◊ **createGoogleMapClient**

```
private void createGoogleMapClient()
```

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.ConnectionCa

◊ **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.OnConnectio

◊ **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.utils.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	context Contains the context of the attached activity
(package private) com.google.firebase.database.DatabaseReference	databaseUsers Contains a reference to the database used
private java.util.List<User>	people Contains a list with the people found by the search query
(package private) android.app.ProgressDialog	progressDialog Contains a progress dialog
private android.support.v7.widget.RecyclerView	recyclerView Contains the layout's RecyclerView

◆ Constructor Summary

Constructor and Description

SearchFragment()

◆
Method Summary

Modifier and Type	Method and Description
void	onCreate(android.os.Bundle savedInstanceState) Sets certain parameters when the fragment is created.
android.view.View	onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState) Inflates the visual layout to the fragment.
void	searchUsers(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