

ultramirinc.champs_mood.fragments

Class MyAdapterFriend

java.lang.Object

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

ultramirinc.champs_mood.fragments.MyAdapterFriend

public class **MyAdapterFriend**

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

Fields

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 friends

Constructor Summary

Constructors

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

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
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.util.calendar integer values of weekdays.		
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, onCreateViewHolder, getItemId, getItemViewType, hasObservers, hasStableIds, notifyDataSetChanged, notifyItemChanged, notifyItemChanged, notifyItemInserted, notifyItemMoved, notifyItemRangeChanged, notifyItemRangeChanged, notifyItemRangeInserted, notifyItemRangeRemoved, notifyItemRemoved, onAttachedToRecyclerView, onBindViewHolder, onDetachedFromRecyclerView, onFailedToRecycleView, onViewAttachedToWindow, onViewDetachedFromWindow, onViewRecycled, registerAdapterDataObserver, setHasStableIds, unregisterAdapterDataObserver

Methods inherited from class java.lang.Object

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

Field Detail

list

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

Contains the list of the user's friends

context

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

The context to the activity

isPokable

```
private boolean isPokable
```

Determines if the friend can be poked or not

Constructor Detail

MyAdapterFriend

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

MyAdapterFriend

```
public MyAdapterFriend()
```

Method Detail

onCreateViewHolder

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

Creates a Visual interpretation using a custom ViewHolder.

Specified by:

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

onBindViewHolder

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

Binds the information from a given friend with the ViewHolder.

Specified by:

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

Poke

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

Pokes a given user.

getItemCount

```
public int getItemCount()
```

Returns the size of the list.

Specified by:

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

getDateDiff

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

Returns the difference between two dates in milliseconds.

checkBreakStatus

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

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

breakCalculator

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

adaptDayOfWeek

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

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