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Class CustomActivity

Direct Known Subclasses:

[MainActivity](#)

```
public class CustomActivity
extends android.support.v4.app.FragmentActivity
implements android.view.View.OnClickListener
```

This is a common activity that all other activities of the app can extend to inherit the common behaviors like setting a Theme to activity.

- **Field Detail**
 - ***TOUCH***

```
public static final TouchEffect TOUCH
```

Apply this Constant as touch listener for views to provide alpha touch effect. The view must have a Non-Transparent background.

- **Constructor Detail**

- ***CustomActivity***

```
public CustomActivity()
```

- **Method Detail**

- ***onOptionsItemSelected***

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

- Overrides:**

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

- ***onClick***

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

- Specified by:**

`onClick` in interface `android.view.View.OnClickListener`

- ***setTouchNClick***

```
public android.view.View setTouchNClick(int id)
```

Sets the touch and click listeners for a view..

- Parameters:**

`id` - the id of View

- Returns:**

the view

- ***setClick***

```
public android.view.View setClick(int id)
```

Sets the click listener for a view.

- Parameters:**

`id` - the id of View

Returns:

the view

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Class History

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

The Class History is a Fragment that is displayed in the Main activity when the user taps on History tab or when user swipes to Fourth page in ViewPager. You can customize this fragment's contents as per your need.

Nested Class Summary

[History.HistoryAdapter](#)

```
private
class
```

The Class HistoryAdapter is the adapter for list view used in this fragment.

- **Constructor Detail**

- **History**

```
public History()
```

- **Method Detail**

- **onCreateView**

- ```
public android.view.View onCreateView(android.view.LayoutInflater
inflater,
```
  - ```
android.view.ViewGroup container,
```

```
android.os.Bundle savedInstanceState)
```

Overrides:

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

- o ***setupView***

```
private void setupView(android.view.View v)
```

Setup the view components for this fragment. You write your code for initializing the views, setting the adapters, touch and click listeners etc.

Parameters:

v - the base view of fragment

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Class MainActivity

- ---

```
public class MainActivity  
extends CustomActivity
```

The Activity MainActivity is the Main screen of the app and it holds all the views and Fragments used in the app.

- - o **Nested Class Summary**

```
private MainActivity.DummyPageAdapter  
class
```

The Class DummyPageAdapter is a dummy pager adapter for ViewPager.

-

- **Field Detail**

- ***pager***

```
private android.support.v4.view.ViewPager pager
```

The view pager for swipe views.

- ***currentTab***

```
private android.view.View currentTab
```

The current selected tab.

- **Constructor Detail**

- ***MainActivity***

```
public MainActivity()
```

- **Method Detail**

- ***onCreate***

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

- Overrides:**

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

- ***setupActionBar***

```
protected void setupActionBar()
```

This method will setup the top title bar (Action bar) content and display values. It will also setup the custom background theme for ActionBar. You can override this method to change the behavior of ActionBar for particular Activity

- ***initTabs***

```
private void initTabs()
```

Initialize the tabs. You can write your code related to Tabs.

- ***onClick***

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

Specified by:

onClick in interface `android.view.View.OnClickListener`

Overrides:

[onClick](#) in class [CustomActivity](#)

- ***setCurrentTab***

```
private void setCurrentTab(int page)
```

Sets the current selected tab. Called whenever a Tab is selected either by clicking on Tab button or by swiping the ViewPager. You can write your code related to tab selection actions.

Parameters:

page - the current page of ViewPager

- ***initPager***

```
private void initPager()
```

Initialize the ViewPager. You can customize this method for writing the code related to view pager actions.

- ***onCreateOptionsMenu***

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

Overrides:

onCreateOptionsMenu in class `android.app.Activity`

- ***onOptionsItemSelected***

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

Overrides:

[onOptionsItemSelected](#) in class [CustomActivity](#)

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Class **NewActivity**

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

The Class **NewActivity** is a **Fragment** that is displayed in the **Main** activity when the user taps on **New Activity** tab or when user swipes to **First** page in **ViewPager**. You can customize this fragment's contents as per your need.

- - **Constructor Detail**
 - ***NewActivity***

```
public NewActivity()
```
 - **Method Detail**
 - ***onCreateView***

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

Overrides:

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

- ***setUpView***

```
private void setUpView(android.view.View v)
```


Setup the view components for this fragment. You write your code for initializing the views, setting the adapters, touch and click listeners etc.

Parameters:

v - the base view of fragment

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Class Routes

-
-

```
public class Routes
extends android.support.v4.app.Fragment
implements android.view.View.OnClickListener
```

The Class Routes is a Fragment that is displayed in the Main activity when the user taps on Routes tab or when user swipes to second page in ViewPager. You can customize this fragment's contents as per your need.

- - **Nested Class Summary**

[Routes.RouteAdapter](#)

```
private class
fragment.
The Class RouteAdapter is the adapter for list view used in this
```

-

- **Field Detail**

- ***tab***

```
private android.view.View tab
```

The current selected tab.

- **Constructor Detail**

- ***Routes***

```
public Routes()
```

- **Method Detail**

- ***onCreateView***

- ```
public android.view.View onCreateView(android.view.LayoutInflater, android.view.ViewGroup container,
```

- ```
android.os.Bundle savedInstanceState)
```

```
android.os.Bundle savedInstanceState)
```

Overrides:

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

- ***setupView***

```
private void setupView(android.view.View v)
```

Setup the view components for this fragment. You can write your code for initializing the views, setting the adapters, touch and click listeners etc.

Parameters:

`v` - the base view of fragment

- ***onClick***

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

Specified by:

`onClick` in interface `android.view.View.OnClickListener`

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Class SplashScreen

```
public class SplashScreen  
extends android.app.Activity
```

The Class SplashScreen will be launched at the start of the application. It will be displayed for 3 seconds and then finished automatically and it will also start the next activity of app.

-

- **Field Detail**

- *isRunning*

```
private boolean isRunning
```

Check if the app is running.

- **Constructor Detail**

- *SplashScreen*

```
public SplashScreen()
```

- **Method Detail**

- *onCreate*

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

Overrides:

onCreate in class android.app.Activity

- *startSplash*

```
private void startSplash()
```

Starts the count down timer for 3-seconds. It simply sleeps the thread for 3-seconds.

- ***doFinish***

```
private void doFinish()
```

If the app is still running than this method will start the MainActivity and finish the Splash.

- ***onKeyDown***

- ```
public boolean onKeyDown(int keyCode,
 android.view.KeyEvent event)
```

**Specified by:**

`onKeyDown` in interface `android.view.KeyEvent.Callback`

**Overrides:**

`onKeyDown` in class `android.app.Activity`

`com.activity.utils`

## Class TouchEffect

---

```
public class TouchEffect
extends java.lang.Object
implements android.view.View.OnTouchListener
```

The Class TouchEffect is a Base Touch listener. It can be attached as touch listener for any view that as some valid background drawable or color. It simply set alpha value for background to create a Touch like effect on View

- **Constructor Detail**

- ***TouchEvent***

```
public TouchEffect()
```

- **Method Detail**

- ***onTouch***
- ```
public boolean onTouch(android.view.View v,  
                        android.view.MotionEvent event)
```

Specified by:

`onTouch` in interface `android.view.View.OnTouchListener`

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Class Workout

```
public class Workout  
extends android.support.v4.app.Fragment  
implements android.view.View.OnClickListener
```

The Class Workout is a Fragment that is displayed in the Main activity when the user taps on Workouts tab or when user swipes to third page in ViewPager. You can customize this fragment's contents as per your need.

- - **Constructor Detail**
 - ***Workout***

```
public Workout()
```

- **Method Detail**
 - ***onCreateView***
 - ```
public android.view.View onCreateView(android.view.LayoutInflater
flater inflater,
▪
android.view.ViewGroup container,
```

```
android.os.Bundle savedInstanceState)
```

### **Overrides:**

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

- **setupView**

```
private void setupView(android.view.View v)
```

Setup the view components for this fragment. You can write your code for initializing the views, setting the adapters, touch and click listeners etc.

Parameters:

v - the base view of fragment

- **onClick**

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

**Specified by:**

onClick in interface android.view.View.OnClickListener

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## **Class Setting**

---

```
public class Setting
extends CustomActivity
```

The Activity Setting is launched when you taps on Setting icon on ActionBar in MainActivity. It shows the custom useful layout components like custom SeekBar that you can use in your application layouts.

- 

- **Field Detail**

- ***isRunning***

```
private boolean isRunning
```

Check if the app is running.

- **Constructor Detail**

- ***Setting***

```
public Setting()
```

- **Method Detail**

- ***onCreate***

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

- **Overrides:**

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

- ***setupActionBar***

```
protected void setupActionBar()
```

This method will setup the top title bar (Action bar) content and display values. It will also setup the custom background theme for ActionBar. You can override this method to change the behavior of ActionBar for particular Activity

- ***onDestroy***

```
protected void onDestroy()
```

- **Overrides:**

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

- ***setDummyContents***

```
private void setDummyContents()
```

Sets the dummy contents for views. You can remove this method or can customize this method as per your needs. The thread in this method simply used to create a progress bar effect for Progress bar.

- [Overview](#)