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## Getting Nullpointer exception after updating to Android design support 22.2.1

My project was working fine just before I updated to Android design support 22.2.1, after I update and run the program I get the below error. **The exception does not tell which line in code or the java file is causing the error so don't know what code to post.** It seems some internal error of android design support.

My activity is extending `AppCompatActivity` and my test device API 15(Android 4.04).

I am using `NavigationView` and `DrawerLayout` in my code.

### My build.gradle

```
android {
    compileSdkVersion 22
    buildToolsVersion "22.0.1"

    defaultConfig {
        applicationId "com.stackoverflow.ranjith.androidprojdel"
        minSdkVersion 15
        targetSdkVersion 22
        versionCode 1
        versionName "1.0"
        multiDexEnabled true
    }

    dependencies {
        compile fileTree(dir: 'libs', include: ['*.jar'])
        compile 'com.android.support:appcompat-v7:22.2.+'
        compile 'com.parse.bolts:bolts-android:1.+'
        compile 'com.android.support:cardview-v7:22.2.+'
        compile 'com.android.support:recyclerview-v7:22.2.+'
        compile 'com.google.android.gms:play-services-plus:7.5.0'
        compile 'com.google.android.gms:play-services-ads:7.5.0'
        compile 'com.android.support:design:22.2.+'
        compile 'joda-time:joda-time:2.8.1'
    }
}
```

### Exception:

```
07-19 00:52:49.338: E/AndroidRuntime(15556): FATAL EXCEPTION: main
07-19 00:52:49.338: E/AndroidRuntime(15556): java.lang.NullPointerException
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.support.design.internal.NavigationMenuItemView.setIcon(NavigationMenuItemView.java:1
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.support.design.internal.NavigationMenuItemView.initialize(NavigationMenuItemView.jav
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.support.design.internal.NavigationMenuPresenter$NavigationMenuAdapter.getView(Naviga
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.HeaderViewListAdapter.getView(HeaderViewListAdapter.java:220)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.AbsListView.obtainView(AbsListView.java:2045)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.ListView.makeAndAddView(ListView.java:1772)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.ListView.fillDown(ListView.java:672)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.ListView.fillFromTop(ListView.java:732)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.ListView.layoutChildren(ListView.java:1625)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.AbsListView.onLayout(AbsListView.java:1875)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.FrameLayout.onLayout(FrameLayout.java:444)
```

```

07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.support.v4.widget.DrawerLayout.onLayout(DrawerLayout.java:931)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.FrameLayout.onLayout(FrameLayout.java:444)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.setChildFrame(LinearLayout.java:1653)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.layoutVertical(LinearLayout.java:1511)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.onLayout(LinearLayout.java:1416)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.FrameLayout.onLayout(FrameLayout.java:444)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.setChildFrame(LinearLayout.java:1653)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.layoutVertical(LinearLayout.java:1511)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.LinearLayout.onLayout(LinearLayout.java:1416)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.widget.FrameLayout.onLayout(FrameLayout.java:444)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.View.layout(View.java:11390)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewGroup.layout(ViewGroup.java:4332)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:1490)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.view.ViewRootImpl.handleMessage(ViewRootImpl.java:2455)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.os.Handler.dispatchMessage(Handler.java:99)
07-19 00:52:49.338: E/AndroidRuntime(15556): at android.os.Looper.loop(Looper.java:137)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
android.app.ActivityThread.main(ActivityThread.java:4424)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
java.lang.reflect.Method.invokeNative(Native Method)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
java.lang.reflect.Method.invoke(Method.java:511)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:817)
07-19 00:52:49.338: E/AndroidRuntime(15556): at
com.android.internal.os.ZygoteInit.main(ZygoteInit.java:584)
07-19 00:52:49.338: E/AndroidRuntime(15556): at dalvik.system.NativeStart.main(Native
Method)

```

## Update

When I rollback to 22.2.0 the error disappears, not sure what is the problem.

 android  nullpointerexception  androiddesignsupport  appcompat-v7-r22.2

edited Jul 18 '15 at 20:04

asked Jul 18 '15 at 19:46



Psypher

3,577 2 22 50

22.2.1 update has been released? – Eenvincible Jul 18 '15 at 19:52

@Eenvincible yes, yesterday: [plus.google.com/+AndroidDevelopers/posts/XTtNCPviwjp](https://plus.google.com/+AndroidDevelopers/posts/XTtNCPviwjp) – Arkadiy Jul 18 '15 at 19:53

Yes..along with it new issues too. Last week I faced different problem when I updated to new library and now I have new problems. – Psypher Jul 18 '15 at 19:54

Last update had this problem [stackoverflow.com/questions/31384935/](https://stackoverflow.com/questions/31384935/)... – Psypher Jul 18 '15 at 20:00

Set icon probably null holder navigation menu item view class line 113 – cephus Jul 18 '15 at 21:20

## 2 Answers

The problem is related to the NavigationView menu xml.

Mine looks like this:

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item
        android:id="@+id/navigation_subheader"
        android:title="Titulo">
        <menu>
            <item
                android:id="@+id/navigation_sub_item_1"
                android:icon="@drawable/abc_btn_radio_material"
                android:title="sub-1"/>

            <item
                android:id="@+id/navigation_sub_item_2"
                android:icon="@drawable/abc_btn_rating_star_on_mtrl_alpha"
                android:title="sub-2"/>
            </menu>
        </item>
    </menu>
```

but if I switch to a project drawable icon, its fixed:

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item
        android:id="@+id/navigation_subheader"
        android:title="Titulo">
        <menu>
            <item
                android:id="@+id/navigation_sub_item_1"
                ----> android:icon="@drawable/some_local_drawable"
                android:title="sub-1"/>

            <item
                android:id="@+id/navigation_sub_item_2"
                ----> android:icon="@drawable/some_local_drawable"
                android:title="sub-2"/>
            </menu>
        </item>
    </menu>
```

Of course, this happens after updating to 22.2.1

answered Jul 19 '15 at 22:54



Cheborra

1,010 1 9 30

Let me try it out. +1 for the answer. – [Psypher](#) Jul 20 '15 at 3:26

This is working..Thanks. Will wait for the next update and the issues that come with that update :) – [Psypher](#) Jul 20 '15 at 12:45

2 You should never use the `abc_` icons. Always supply your own, those are apart of the library. – [Jared Burrows](#) Jul 20 '15 at 14:31

Now I got to know that. :) – [Psypher](#) Jul 20 '15 at 14:36

@Jared, In my case the Android Studio template auto generated those references. – [Cheborra](#) Jul 20 '15 at 19:47

I had the same issue and was able to avoid it with this code:

```
View header = LayoutInflater.from(this).inflate(R.layout.nav_header_main, null);
navigationView.addHeaderView(header);
TextView text = (TextView) header.findViewById(R.id.textView);
texto.setText("HELLO");
```

answered Nov 12 '15 at 10:53



saravanan

425 6 19