📁 Android Public Tracker > Framework   191503798 ▾

← C ☆   MobileAds.initialize producing strictmode.IncorrectContextUseViolation   +1 ¹⁰   Hotlists (4)   Mark as Duplicate   🔔   ⋮

| Comments (9) | Dependencies | Duplicates (0) | Blocking (0) | Resources (7) |

WAI   Bug   P3   + Add Hotlist   [AOSP] assigned   adexe s nau

👥 **STATUS UPDATE** No update yet.   Edit

📄 **DESCRIPTION** hr...@gmail.com created issue #1   Jun 20, 2021 11:58AM   ⋮

Build: AI-202.7660.26.42.7351085, 202105101744,

AI-202.7660.26.42.7351085, JRE 11.0.8+10-b944.6842174x64 JetBrains s.r.o, OS Windows 10(amd64) v10.0 , screens 1536x1728, 1536x1728

AS: 4.2.1; Kotlin plugin: 202-1.5.10-release-894-AS8194.7; Android Gradle Plugin: 4.2.1; Gradle: 7.1; NDK: from local.properties: (not specified), latest from SDK: (not found); LLDB: pinned revision 3.1 not found, latest from SDK: (package not found); CMake: from local.properties: (not specified), latest from SDK: 3.18.1-g262b901-dirty, from PATH: (not found)

IMPORTANT: Please read https://developer.android.com/studio/report-bugs.html carefully and supply all required information.

1. Describe the exact steps to reproduce

1.1 Create an Empty Activity project in Android Studio with java and set minSdkVersion to be 21.

1.2. Create a Pixel emulator running API 30

1.3 Follow the guidance at:

https://developers.google.com/admob/android/quick-start

including, modifying the project-level build.gradle, app-level build.gradle, updating the AndroidManifest.xml, and Initialize the Mobile Ads SDK.

1.4 Include StrictMode.setVmPolicy. The MainActivity onCreate is then:

```
public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        StrictMode.setVmPolicy(new StrictMode.VmPolicy.Builder()
            .detectAll()
            .penaltyLog()
            //.penaltyDeath()
            .build());

        setContentView(R.layout.activity_main);

        MobileAds.initialize(this, new OnInitializationCompleteListener() {
            @Override
            public void onInitializationComplete(InitializationStatus initializationStatus) {
            }
        });
    }
}
```

And the manifest

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.myapplication">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.MyApplication">

        <!-- Sample AdMob app ID: ca-app-pub-3940256099942544~3347511713 -->
        <meta-data
            android:name="com.google.android.gms.ads.APPLICATION_ID"
            android:value="ca-app-pub-3940256099942544~3347511713"/>

        <activity android:name=".MainActivity">
            <intent-filter>
```

Reporter	⬤ hr...@gmail.com
Type	Bug
Priority	P3
Severity	S3
Status	Won't fix (Intended behavior)
Access	Default access View
Assignee	⬤ ra...@google.com
Verifier	--
Collaborators 👥	⌃
CC	🔒 ⌃
	hr...@gmail.com
	vi...@google.com
AOSP ID	--
ReportedBy	Developer
Found In	--
Targeted To	--
Verified In	--
In Prod	⬤

```
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
  </application>

</manifest>
```

2. Describe what you expected to happen, and what you instead observed.

2.1 I expected to be able to run this minimal, reproducible example app on the Pixel emulator and not receive any StrictMode policy violations in the logcat. What I observed instead includes StrictMode policy violation: android.os.strictmode.IncorrectContextUseViolation. The offending line is MobileAds.initialize in MainActivity. If the app is allowed to run with .penaltyDeath() enabled a cycle of restarts appears to occur without end.

2.2 Here is the logcat from the app with //.penaltyDeath() commented out as in step 1.4 above.

2021-06-19 19:44:48.660 13496-13496/? I/e.myapplicatio: Not late-enabling -Xcheck:jni (already on)
2021-06-19 19:44:48.690 13496-13496/? I/e.myapplicatio: Unquickening 12 vdex files!
2021-06-19 19:44:48.691 13496-13496/? W/e.myapplicatio: Unexpected CPU variant for X86 using defaults: x86
2021-06-19 19:44:49.072 13496-13496/com.example.myapplication D/NetworkSecurityConfig: No Network Security Config specified, using platform default
2021-06-19 19:44:49.073 13496-13496/com.example.myapplication D/NetworkSecurityConfig: No Network Security Config specified, using platform default
2021-06-19 19:44:49.117 13496-13496/com.example.myapplication I/TetheringManager: registerTetheringEventCallback:com.example.myapplication
2021-06-19 19:44:49.152 13496-13523/com.example.myapplication W/DynamiteModule: Local module descriptor class for com.google.android.gms.measurement.dynamite not found.
2021-06-19 19:44:49.169 13496-13527/com.example.myapplication D/libEGL: loaded /vendor/lib/egl/libEGL_emulation.so
2021-06-19 19:44:49.176 13496-13527/com.example.myapplication D/libEGL: loaded /vendor/lib/egl/libGLESv1_CM_emulation.so
2021-06-19 19:44:49.191 13496-13520/com.example.myapplication I/DynamiteModule: Considering local module com.google.android.gms.ads.dynamite:0 and remote module com.google.android.gms.ads.dynamite:210890500
2021-06-19 19:44:49.191 13496-13520/com.example.myapplication I/DynamiteModule: Selected remote version of com.google.android.gms.ads.dynamite, version >= 210890500
2021-06-19 19:44:49.192 13496-13520/com.example.myapplication V/DynamiteModule: Dynamite loader version >= 2, using loadModule2NoCrashUtils
2021-06-19 19:44:49.195 13496-13527/com.example.myapplication D/libEGL: loaded /vendor/lib/egl/libGLESv2_emulation.so
2021-06-19 19:44:49.207 13496-13523/com.example.myapplication I/DynamiteModule: Considering local module com.google.android.gms.measurement.dynamite:0 and remote module com.google.android.gms.measurement.dynamite:51
2021-06-19 19:44:49.207 13496-13523/com.example.myapplication I/DynamiteModule: Selected remote version of com.google.android.gms.measurement.dynamite, version >= 51
2021-06-19 19:44:49.207 13496-13523/com.example.myapplication V/DynamiteModule: Dynamite loader version >= 2, using loadModule2NoCrashUtils
2021-06-19 19:44:49.357 13496-13523/com.example.myapplication W/DynamiteModule: Local module descriptor class for com.google.android.gms.measurement.dynamite not found.
2021-06-19 19:44:49.424 13496-13496/com.example.myapplication W/e.myapplicatio: Accessing hidden method Landroid/view/View;->computeFitSystemWindows(Landroid/graphics/Rect;Landroid/graphics/Rect;)Z (greylist, reflection, allowed)
2021-06-19 19:44:49.425 13496-13496/com.example.myapplication W/e.myapplicatio: Accessing hidden method Landroid/view/ViewGroup;->makeOptionalFitsSystemWindows()V (greylist, reflection, allowed)
2021-06-19 19:44:49.558 13496-13532/com.example.myapplication I/FA-Ads: App measurement initialized, version: 42020
2021-06-19 19:44:49.558 13496-13532/com.example.myapplication I/FA-Ads: To enable debug logging run: adb shell setprop log.tag.FA VERBOSE
2021-06-19 19:44:49.624 13496-13496/com.example.myapplication I/WebViewFactory: Loading com.google.android.webview version 83.0.4103.106 (code 410410681)
2021-06-19 19:44:49.632 13496-13496/com.example.myapplication I/e.myapplicatio: The ClassLoaderContext is a special shared library.
2021-06-19 19:44:49.634 13496-13496/com.example.myapplication D/nativeloader: classloader namespace configured for unbundled product apk. library_path=/product/app/WebViewGoogle/lib/x86:/product/app/WebViewGoogle/WebViewGoogle.apk!/lib/x86:/product/app/TrichromeLibrary/TrichromeLibrary.apk!/lib/x86:/product/lib:/system/product/lib
2021-06-19 19:44:49.654 13496-13496/com.example.myapplication I/e.myapplicatio: The ClassLoaderContext is a special shared library.
2021-06-19 19:44:49.655 13496-13496/com.example.myapplication D/nativeloader: classloader namespace configured for unbundled product apk. library_path=/product/app/WebViewGoogle/lib/x86:/product/app/WebViewGoogle/WebViewGoogle.apk!/lib/x86:/product/app/TrichromeLibrary/TrichromeLibrary.apk!/lib/x86:/product/lib:/system/product/lib
2021-06-19 19:44:49.684 13496-13496/com.example.myapplication I/cr_LibraryLoader: Loaded native library version number "83.0.4103.106"
2021-06-19 19:44:49.684 13496-13496/com.example.myapplication I/cr_CachingUmaRecorder: Flushed 3 samples from 3 histograms.
2021-06-19 19:44:49.728 13496-13496/com.example.myapplication E/chromium: [ERROR:filesystem_posix.cc(62)] mkdir /data/user/0/com.example.myapplication/cache/WebView/Crashpad: No such file or directory (2)
2021-06-19 19:44:49.986 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation: android.os.strictmode.IncorrectContextUseViolation: UI constants, such as display metrics or window metrics, must be accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle), which are adjusted to the configuration and visual bounds of an area on screen
        at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
        at android.view.ViewConfiguration.get(ViewConfiguration.java:511)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)

```
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
    Caused by: java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:49.988 13496-13496/com.example.myapplication E/ViewConfiguration: Tried to access UI constants from a non-
visual Context:com.google.android.gms.internal.ads.zzcjq@d9eab8dUI constants, such as display metrics or window metrics, must be
accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle),
which are adjusted to the configuration and visual bounds of an area on screen
    java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
```

```
    at android.view.ViewGroup.<init>(ViewGroup.java:697)
    at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
    at android.webkit.WebView.<init>(WebView.java:413)
    at android.webkit.WebView.<init>(WebView.java:355)
    at android.webkit.WebView.<init>(WebView.java:337)
    at android.webkit.WebView.<init>(WebView.java:324)
    at android.webkit.WebView.<init>(WebView.java:314)
    at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
    at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
    at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
    at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
    at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
    at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
    at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
    at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
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    at android.app.Activity.performCreate(Activity.java:7984)
    at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
    at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
    at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
    at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
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    at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
    at android.os.Handler.dispatchMessage(Handler.java:106)
    at android.os.Looper.loop(Looper.java:223)
    at android.app.ActivityThread.main(ActivityThread.java:7656)
    at java.lang.reflect.Method.invoke(Native Method)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.007 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation:
android.os.strictmode.IncorrectContextUseViolation: UI constants, such as display metrics or window metrics, must be accessed from
Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle), which are
adjusted to the configuration and visual bounds of an area on screen
    at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
    at android.view.ViewConfiguration.get(ViewConfiguration.java:511)
    at android.view.View.initScrollCache(View.java:6900)
    at android.view.View.initializeScrollbarsInternal(View.java:6713)
    at android.view.View.<init>(View.java:6112)
    at android.view.ViewGroup.<init>(ViewGroup.java:697)
    at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
    at android.webkit.WebView.<init>(WebView.java:413)
    at android.webkit.WebView.<init>(WebView.java:355)
    at android.webkit.WebView.<init>(WebView.java:337)
    at android.webkit.WebView.<init>(WebView.java:324)
    at android.webkit.WebView.<init>(WebView.java:314)
    at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
    at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
    at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
    at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
    at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
    at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
    at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
    at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
    at android.app.Activity.performCreate(Activity.java:8000)
    at android.app.Activity.performCreate(Activity.java:7984)
    at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
    at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
    at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
    at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
    at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
    at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
    at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
    at android.os.Handler.dispatchMessage(Handler.java:106)
    at android.os.Looper.loop(Looper.java:223)
    at android.app.ActivityThread.main(ActivityThread.java:7656)
    at java.lang.reflect.Method.invoke(Native Method)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
```

```
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
    Caused by: java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
2021-06-19 19:44:50.007 13496-13496/com.example.myapplication D/StrictMode:    at
android.view.ViewConfiguration.get(ViewConfiguration.java:510)
            ... 42 more
2021-06-19 19:44:50.012 13496-13496/com.example.myapplication E/ViewConfiguration: Tried to access UI constants from a non-
visual Context:com.google.android.gms.internal.ads.zzcjq@d9eab8dUI constants, such as display metrics or window metrics, must be
accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle),
which are adjusted to the configuration and visual bounds of an area on screen
    java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.initScrollCache(View.java:6900)
        at android.view.View.initializeScrollbarsInternal(View.java:6713)
        at android.view.View.<init>(View.java:6112)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.014 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation:
android.os.strictmode.IncorrectContextUseViolation: UI constants, such as display metrics or window metrics, must be accessed from
Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle), which are
adjusted to the configuration and visual bounds of an area on screen
        at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
        at android.view.ViewConfiguration.get(ViewConfiguration.java:511)
        at android.view.View.initializeScrollbarsInternal(View.java:6741)
        at android.view.View.<init>(View.java:6112)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
```

```
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
    Caused by: java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.initializeScrollbarsInternal(View.java:6741)
        at android.view.View.<init>(View.java:6112)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.015 13496-13496/com.example.myapplication E/ViewConfiguration: Tried to access UI constants from a non-
visual Context:com.google.android.gms.internal.ads.zzcjq@d9eab8dUI constants, such as display metrics or window metrics, must be
accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle),
which are adjusted to the configuration and visual bounds of an area on screen
    java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.initializeScrollbarsInternal(View.java:6741)
        at android.view.View.<init>(View.java:6112)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.widget.AbsoluteLayout.<init>(AbsoluteLayout.java:56)
        at android.webkit.WebView.<init>(WebView.java:413)
        at android.webkit.WebView.<init>(WebView.java:355)
        at android.webkit.WebView.<init>(WebView.java:337)
        at android.webkit.WebView.<init>(WebView.java:324)
        at android.webkit.WebView.<init>(WebView.java:314)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
```

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    at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
    at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
    at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
    at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
    at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
    at android.app.Activity.performCreate(Activity.java:8000)
    at android.app.Activity.performCreate(Activity.java:7984)
    at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
    at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
    at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
    at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
    at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
    at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
    at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
    at android.os.Handler.dispatchMessage(Handler.java:106)
    at android.os.Looper.loop(Looper.java:223)
    at android.app.ActivityThread.main(ActivityThread.java:7656)
    at java.lang.reflect.Method.invoke(Native Method)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.087 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation:
android.os.strictmode.IncorrectContextUseViolation: Visual services, such as WindowManager, WallpaperService or LayoutInflater
should be accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int,
Bundle), which are adjusted to the configuration and visual bounds of an area on screen.
    at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
    at android.app.ContextImpl.getSystemService(ContextImpl.java:1915)
    at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
    at com.google.android.gms.internal.ads.zzcjq.getSystemService(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
    at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
    at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
    at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
    at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
    at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
    at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
    at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
    at android.app.Activity.performCreate(Activity.java:8000)
    at android.app.Activity.performCreate(Activity.java:7984)
    at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
    at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
    at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
    at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
    at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
    at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
    at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
    at android.os.Handler.dispatchMessage(Handler.java:106)
    at android.os.Looper.loop(Looper.java:223)
    at android.app.ActivityThread.main(ActivityThread.java:7656)
    at java.lang.reflect.Method.invoke(Native Method)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
 Caused by: java.lang.IllegalAccessException: Tried to access visual service WindowManager from a non-visual
Context:android.app.Application@c3ad0a5
    at android.app.ContextImpl.getSystemService(ContextImpl.java:1914)
    at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
    at com.google.android.gms.internal.ads.zzcjq.getSystemService(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
    at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
    at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
    at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
    at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
    at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
    at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
    at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
    at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
    at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
    at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
    at android.app.Activity.performCreate(Activity.java:8000)
    at android.app.Activity.performCreate(Activity.java:7984)
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        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.087 13496-13496/com.example.myapplication E/ContextImpl: Tried to access visual service WindowManager
from a non-visual Context:android.app.Application@c3ad0a5 Visual services, such as WindowManager, WallpaperService or
LayoutInflater should be accessed from Activity or other visual Context. Use an Activity or a Context created with
Context#createWindowContext(int, Bundle), which are adjusted to the configuration and visual bounds of an area on screen.
    java.lang.IllegalAccessException: Tried to access visual service WindowManager from a non-visual
Context:android.app.Application@c3ad0a5
        at android.app.ContextImpl.getSystemService(ContextImpl.java:1914)
        at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
        at com.google.android.gms.internal.ads.zzcjq.getSystemService(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzciu.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.099 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation:
android.os.strictmode.IncorrectContextUseViolation: UI constants, such as display metrics or window metrics, must be accessed from
Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle), which are
adjusted to the configuration and visual bounds of an area on screen
        at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
        at android.view.ViewConfiguration.get(ViewConfiguration.java:511)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.view.ViewGroup.<init>(ViewGroup.java:693)
        at android.view.ViewGroup.<init>(ViewGroup.java:689)
        at android.view.ViewGroup.<init>(ViewGroup.java:685)
        at android.widget.FrameLayout.<init>(FrameLayout.java:85)
        at com.google.android.gms.internal.ads.zzciq.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
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        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
    Caused by: java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.view.ViewGroup.<init>(ViewGroup.java:693)
        at android.view.ViewGroup.<init>(ViewGroup.java:689)
        at android.view.ViewGroup.<init>(ViewGroup.java:685)
        at android.widget.FrameLayout.<init>(FrameLayout.java:85)
        at com.google.android.gms.internal.ads.zzciq.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.102 13496-13496/com.example.myapplication E/ViewConfiguration: Tried to access UI constants from a non-
visual Context:com.google.android.gms.internal.ads.zzcjq@d9eab8dUI constants, such as display metrics or window metrics, must be
accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int, Bundle),
which are adjusted to the configuration and visual bounds of an area on screen
    java.lang.IllegalArgumentException: Tried to access UI constants from a non-visual
Context:com.google.android.gms.internal.ads.zzcjq@d9eab8d
        at android.view.ViewConfiguration.get(ViewConfiguration.java:510)
        at android.view.View.<init>(View.java:5317)
        at android.view.View.<init>(View.java:5467)
        at android.view.ViewGroup.<init>(ViewGroup.java:697)
        at android.view.ViewGroup.<init>(ViewGroup.java:693)
        at android.view.ViewGroup.<init>(ViewGroup.java:689)
        at android.view.ViewGroup.<init>(ViewGroup.java:685)
        at android.widget.FrameLayout.<init>(FrameLayout.java:85)
        at com.google.android.gms.internal.ads.zzciq.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
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        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.131 13496-13496/com.example.myapplication D/StrictMode: StrictMode policy violation:
android.os.strictmode.IncorrectContextUseViolation: Visual services, such as WindowManager, WallpaperService or LayoutInflater
should be accessed from Activity or other visual Context. Use an Activity or a Context created with Context#createWindowContext(int,
Bundle), which are adjusted to the configuration and visual bounds of an area on screen.
        at android.os.StrictMode.onIncorrectContextUsed(StrictMode.java:2192)
        at android.app.ContextImpl.getSystemService(ContextImpl.java:1915)
        at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
        at com.google.android.gms.internal.ads.zzbum.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcii.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcjf.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcjg.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.ads.internal.util.zzx.zzl(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:6)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
     Caused by: java.lang.IllegalAccessException: Tried to access visual service WindowManager from a non-visual
Context:android.app.Application@c3ad0a5
        at android.app.ContextImpl.getSystemService(ContextImpl.java:1914)
        at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
        at com.google.android.gms.internal.ads.zzbum.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcii.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcjf.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcjg.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.ads.internal.util.zzx.zzl(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:6)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
```

```
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.148 13496-13496/com.example.myapplication E/ContextImpl: Tried to access visual service WindowManager
from a non-visual Context:android.app.Application@c3ad0a5 Visual services, such as WindowManager, WallpaperService or
LayoutInflater should be accessed from Activity or other visual Context. Use an Activity or a Context created with
Context#createWindowContext(int, Bundle), which are adjusted to the configuration and visual bounds of an area on screen.
    java.lang.IllegalAccessException: Tried to access visual service WindowManager from a non-visual
Context:android.app.Application@c3ad0a5
        at android.app.ContextImpl.getSystemService(ContextImpl.java:1914)
        at android.content.ContextWrapper.getSystemService(ContextWrapper.java:803)
        at com.google.android.gms.internal.ads.zzbum.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcii.<init>(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzcjf.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcjg.<init>(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.ads.internal.util.zzx.zzl(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcik.zza(com.google.android.gms:play-services-ads@@20.2.0:6)
        at com.google.android.gms.internal.ads.zzcin.zza(com.google.android.gms:play-services-ads@@20.2.0:9)
        at com.google.android.gms.internal.ads.zzbot.<init>(com.google.android.gms:play-services-ads@@20.2.0:3)
        at com.google.android.gms.internal.ads.zzbpq.zzd(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbov.run(Unknown Source:5)
        at com.google.android.gms.internal.ads.zzccx.execute(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzccy.execute(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzbpq.zza(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.internal.ads.zzbpq.zzb(com.google.android.gms:play-services-ads@@20.2.0:4)
        at com.google.android.gms.internal.ads.zzbqi.zzb(com.google.android.gms:play-services-ads@@20.2.0:2)
        at com.google.android.gms.ads.internal.zze.zzc(com.google.android.gms:play-services-ads@@20.2.0:21)
        at com.google.android.gms.ads.internal.zze.zza(com.google.android.gms:play-services-ads@@20.2.0:1)
        at com.google.android.gms.internal.ads.zzcmv.zzj(com.google.android.gms:play-services-ads@@20.2.0:15)
        at com.google.android.gms.internal.ads.zzbdy.zzb(com.google.android.gms:play-services-ads-lite@@20.2.0:13)
        at com.google.android.gms.ads.MobileAds.initialize(com.google.android.gms:play-services-ads-lite@@20.2.0:3)
        at com.example.myapplication.MainActivity.onCreate(MainActivity.java:26)
        at android.app.Activity.performCreate(Activity.java:8000)
        at android.app.Activity.performCreate(Activity.java:7984)
        at android.app.Instrumentation.callActivityOnCreate(Instrumentation.java:1309)
        at android.app.ActivityThread.performLaunchActivity(ActivityThread.java:3422)
        at android.app.ActivityThread.handleLaunchActivity(ActivityThread.java:3601)
        at android.app.servertransaction.LaunchActivityItem.execute(LaunchActivityItem.java:85)
        at android.app.servertransaction.TransactionExecutor.executeCallbacks(TransactionExecutor.java:135)
        at android.app.servertransaction.TransactionExecutor.execute(TransactionExecutor.java:95)
        at android.app.ActivityThread$H.handleMessage(ActivityThread.java:2066)
        at android.os.Handler.dispatchMessage(Handler.java:106)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
2021-06-19 19:44:50.158 13496-13577/com.example.myapplication W/e.myapplicatio: Accessing hidden method
Landroid/media/AudioManager;->getOutputLatency(I)I (greylist, reflection, allowed)
2021-06-19 19:44:50.200 13496-13577/com.example.myapplication W/cr_media: Requires BLUETOOTH permission
2021-06-19 19:44:50.201 13496-13604/com.example.myapplication D/HostConnection: HostConnection::get() New Host Connection
established 0xee2f5840, tid 13604
2021-06-19 19:44:50.220 13496-13604/com.example.myapplication D/HostConnection: HostComposition ext
ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2 ANDROID_EMU_native_sync_v3
ANDROID_EMU_native_sync_v4 ANDROID_EMU_dma_v1 ANDROID_EMU_direct_mem ANDROID_EMU_host_composition_v1
ANDROID_EMU_host_composition_v2 ANDROID_EMU_vulkan ANDROID_EMU_deferred_vulkan_commands
ANDROID_EMU_vulkan_null_optional_strings ANDROID_EMU_vulkan_create_resources_with_requirements ANDROID_EMU_YUV_Cache
ANDROID_EMU_async_unmap_buffer ANDROID_EMU_vulkan_ignored_handles ANDROID_EMU_vulkan_free_memory_sync
ANDROID_EMU_vulkan_shader_float16_int8 ANDROID_EMU_vulkan_async_queue_submit ANDROID_EMU_sync_buffer_data
GL_OES_vertex_array_object GL_KHR_texture_compression_astc_ldr ANDROID_EMU_host_side_tracing
ANDROID_EMU_async_frame_commands ANDROID_EMU_gles_max_version_2
2021-06-19 19:44:50.240 13496-13604/com.example.myapplication E/chromium: [ERROR:gl_surface_egl.cc(549)] eglChooseConfig
failed with error EGL_SUCCESS
2021-06-19 19:44:50.281 13496-13604/com.example.myapplication D/EGL_emulation: eglCreateContext: 0xee2f6250: maj 2 min 0 rcv
2
2021-06-19 19:44:50.284 13496-13604/com.example.myapplication D/EGL_emulation: eglMakeCurrent: 0xee2f6250: ver 2 0 (tinfo
0xbde146b0) (first time)
2021-06-19 19:44:50.346 13496-13604/com.example.myapplication E/chromium: [ERROR:gl_surface_egl.cc(549)] eglChooseConfig
failed with error EGL_SUCCESS
2021-06-19 19:44:50.371 13496-13585/com.example.myapplication W/Ads: Invoke Firebase method getInstance error.
2021-06-19 19:44:50.371 13496-13585/com.example.myapplication W/Ads: The Google Mobile Ads SDK will not integrate with
Firebase. Admob/Firebase integration requires the latest Firebase SDK jar, but Firebase SDK is either missing or out of date
2021-06-19 19:44:50.488 13496-13604/com.example.myapplication I/VideoCapabilities: Unsupported profile 4 for video/mp4v-es
2021-06-19 19:44:50.500 13496-13604/com.example.myapplication W/cr_MediaCodecUtil: HW encoder for video/avc is not available
on this device.
2021-06-19 19:44:50.531 13496-13604/com.example.myapplication D/EGL_emulation: eglCreateContext: 0xee2f69c0: maj 2 min 0 rcv
2
```

2021-06-19 19:44:50.646 13496-13524/com.example.myapplication D/HostConnection: HostConnection::get() New Host Connection established 0xee2f5990, tid 13524
2021-06-19 19:44:50.652 13496-13524/com.example.myapplication D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2 ANDROID_EMU_native_sync_v3 ANDROID_EMU_native_sync_v4 ANDROID_EMU_dma_v1 ANDROID_EMU_direct_mem ANDROID_EMU_host_composition_v1 ANDROID_EMU_host_composition_v2 ANDROID_EMU_vulkan ANDROID_EMU_deferred_vulkan_commands ANDROID_EMU_vulkan_null_optional_strings ANDROID_EMU_vulkan_create_resources_with_requirements ANDROID_EMU_YUV_Cache ANDROID_EMU_async_unmap_buffer ANDROID_EMU_vulkan_ignored_handles ANDROID_EMU_vulkan_free_memory_sync ANDROID_EMU_vulkan_shader_float16_int8 ANDROID_EMU_vulkan_async_queue_submit ANDROID_EMU_sync_buffer_data GL_OES_vertex_array_object GL_KHR_texture_compression_astc_ldr ANDROID_EMU_host_side_tracing ANDROID_EMU_async_frame_commands ANDROID_EMU_gles_max_version_2
2021-06-19 19:44:50.652 13496-13524/com.example.myapplication W/OpenGLRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
2021-06-19 19:44:50.661 13496-13524/com.example.myapplication D/EGL_emulation: eglCreateContext: 0xee2f9ac0: maj 2 min 0 rcv 2
2021-06-19 19:44:50.663 13496-13524/com.example.myapplication D/EGL_emulation: eglMakeCurrent: 0xee2f9ac0: ver 2 0 (tinfo 0xbde1e9d0) (first time)
2021-06-19 19:44:50.680 13496-13524/com.example.myapplication I/Gralloc4: mapper 4.x is not supported
2021-06-19 19:44:50.682 13496-13524/com.example.myapplication D/HostConnection: createUnique: call
2021-06-19 19:44:50.682 13496-13524/com.example.myapplication D/HostConnection: HostConnection::get() New Host Connection established 0xee2f9820, tid 13524
2021-06-19 19:44:50.682 13496-13524/com.example.myapplication D/goldfish-address-space: allocate: Ask for block of size 0x100
2021-06-19 19:44:50.683 13496-13524/com.example.myapplication D/goldfish-address-space: allocate: ioctl allocate returned offset 0x3fe0f8000 size 0x2000
2021-06-19 19:44:50.687 13496-13524/com.example.myapplication D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_v1 ANDROID_EMU_native_sync_v2 ANDROID_EMU_native_sync_v3 ANDROID_EMU_native_sync_v4 ANDROID_EMU_dma_v1 ANDROID_EMU_direct_mem ANDROID_EMU_host_composition_v1 ANDROID_EMU_host_composition_v2 ANDROID_EMU_vulkan ANDROID_EMU_deferred_vulkan_commands ANDROID_EMU_vulkan_null_optional_strings ANDROID_EMU_vulkan_create_resources_with_requirements ANDROID_EMU_YUV_Cache ANDROID_EMU_async_unmap_buffer ANDROID_EMU_vulkan_ignored_handles ANDROID_EMU_vulkan_free_memory_sync ANDROID_EMU_vulkan_shader_float16_int8 ANDROID_EMU_vulkan_async_queue_submit ANDROID_EMU_sync_buffer_data GL_OES_vertex_array_object GL_KHR_texture_compression_astc_ldr ANDROID_EMU_host_side_tracing ANDROID_EMU_async_frame_commands ANDROID_EMU_gles_max_version_2
2021-06-19 19:44:50.824 13496-13511/com.example.myapplication I/e.myapplicatio: Background young concurrent copying GC freed 68439(4951KB) AllocSpace objects, 16(632KB) LOS objects, 87% free, 3424KB/27MB, paused 36.653ms total 131.865ms
2021-06-19 19:44:50.882 13496-13532/com.example.myapplication W/FA-Ads: Analytics storage consent denied; will not get app instance id

✓ Links (7)   Hide all

🔗 **Links (7)**

" …PORTANT: Please read https://developer.android.com/studio/report-bugs.html carefully and supply all required informati… "   hr...@ #1
"https://developers.google.com/admob/android/quick-start"   hr...@ #1
"<manifest xmlns:android=" http://schemas.android.com/apk/res/android "   hr...@ #1
"The code for the bug report can be found here: https://github.com/hrolfrc/bug_report_191503798.git"   hr...@ #2
"https://stackoverflow.com/questions/68539083/inflate-layout-from-applicationcontext-i…"   bu...@ #5

     See all related links

COMMENTS   [All comments   ▼]   [↓ Oldest first]

⚪ **hr...@gmail.com** <hr...@gmail.com> #2   Jun 20, 2021 12:03PM ⋮

     The code for the bug report can be found here: https://github.com/hrolfrc/bug_report_191503798.git

⚪ **pr...@google.com** <pr...@google.com>   Jun 24, 2021 05:58PM

     Assigned to pr...@google.com.

⚪ **vi...@google.com** <vi...@google.com> #3   Jun 25, 2021 09:37PM ⋮

     We've shared this with our product and engineering teams and will continue to provide updates as more information becomes available.

⚪ **dr...@gmail.com** <dr...@gmail.com> #4   Jun 27, 2021 03:59PM ⋮

     hi

⚪ **bu...@gmail.com** <bu...@gmail.com> #5   Jul 28, 2021 02:07AM ⋮

I have the same issue when inflating a Layout from a ContentProvider (ie., with application context and StrictMode.enableDefaults() on API30).
https://stackoverflow.com/questions/68539083/inflate-layout-from-applicationcontext-i-e-in-a-contentprovider

https://github.com/OpenTracksApp/OpenTracks/pull/888

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gg...@google.com <gg...@google.com>   Sep 7, 2021 03:54PM

Reassigned to gg...@google.com.

---

ra...@google.com <ra...@google.com>   Jan 28, 2022 07:49PM

Reassigned to ra...@google.com.

---

vi...@google.com <vi...@google.com> #6   Jun 1, 2022 03:28PM   ⋮

Could you please refer to the below queries and share your response:

- Are you accessing UI constants outside from Activity or other visual Context?

- Also, is this preventing the Google Mobile Ads SDK to initialize?

---

hr...@gmail.com <hr...@gmail.com> #7   Jun 5, 2022 03:08AM   ⋮

Regarding the first question, I don't know. It depends on whether the
empty activity project accesses the UI constants outside the Activity or
other visual Context. Regarding the second question, I didn't check if
Mobile Ads initialized. One of my concerns was that mobile ads could
be getting initialized and that repeated initializations could be
considered a violation of policy. It seems to me you would want to sandbox
this problem and study it in an environment where a developer's Mobile Ads
account is not at risk.

On Tue, May 31, 2022 at 11:28 PM <buganizer-system@google.com> wrote:

- Show quoted text -

--
hrolfrc@gmail.com
(505) 401-9435

---

ra...@google.com <ra...@google.com> #8   Oct 21, 2022 11:54PM   ⋮

Thank you for reporting this issue. As mentioned in 🔗developer documentation, `MobileAds.initialize()` call needs to be done only once (ideally at app launch), and before making an ad request.

If the publisher uses third-party AdMob adapter (or inbound mediation), it's possible that `MobileAds.initialize()` will be called within the adapter as well, but we will do an initialization check internally to prevent the initialization process be carried out again.

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ra...@google.com <ra...@google.com> #9   Nov 8, 2022 01:33AM   ⋮

Status: Won't Fix (Intended Behavior)

We believe with reference to the above comment, your query has been answered, hence closing the bug. Please feel free to re-open the issue in the future if desired.