



## Android Emulator Bug: I don't have the permissions to create an issue in the right place, so please move this!

+1

1

Hotlists

Mark as Duplicate



Comments (5)

Dependencies

Duplicates (0)

Blocking (0)

Resources (4)

Bug

P3

+ Add Hotlist



STATUS UPDATE No update yet.

Edit



DESCRIPTION la...@gmail.com created issue [#1](#)

loading <https://bloxxter.com/en/discover> in a web view activity like this:

```
package com.bloxxter.bloxxterid.activity

import android.annotation.SuppressLint
import android.graphics.Bitmap
import android.net.http.SslError
import android.os.Bundle
import android.webkit.SslErrorHandler
import android.webkit.WebChromeClient
import android.webkit.WebView
import android.webkit.WebViewClient
import androidx.appcompat.app.AppCompatActivity
import com.bloxxter.bloxxterid.R
import com.bloxxter.bloxxterid.helper.Logger
import kotlinx.android.synthetic.main.activity_web_view.*
import java.io.Serializable
import java.net.URL

class WebViewActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_web_view)
        setSupportActionBar(web_view_toolbar)

        val webViewActivityParameters = intent?.getSerializableExtra("payload") as WebViewActivityParameters

        supportActionBar?.title = webViewActivityParameters.title
        supportActionBar?.setDisplayHomeAsUpEnabled(true)
        supportActionBar?.setDisplayShowHomeEnabled(true);
        web_view_toolbar?.setNavigationOnClickListener { onBackPressed() }

        initWebView()
        setWebClient()
        handlePullToRefresh()
        loadUrl(webViewActivityParameters.url)

        web_view_back_button?.setOnClickListener {
            if (web_view_webview != null && web_view_webview.canGoBack()) {
                web_view_webview?.goBack()
            }
        }

        web_view_forward_button?.setOnClickListener {
            if (web_view_webview != null && web_view_webview.canGoForward()) {
                web_view_webview?.goForward()
            }
        }
    }

    @SuppressLint("SetJavaScriptEnabled")
    private fun initWebView() {
        web_view_webview?.settings?.javaScriptEnabled = true
        web_view_webview?.settings?.loadWithOverviewMode = true
        web_view_webview?.settings?.useWideViewPort = true
        web_view_webview?.settings?.domStorageEnabled = true

        web_view_webview?.webViewClient = object : WebViewClient() {
            override
            fun onReceivedSslError(view: WebView?, handler: SslErrorHandler?, error: SslError?) {
                handler?.proceed()
            }
        }
    }
}
```

```

        override fun onPageStarted(view: WebView, url: String, favicon: Bitmap?) {
            super.onPageStarted(view, url, favicon)

            enableDisableNavigationButtons()
        }

        override fun onPageFinished(view: WebView, url: String) {
            super.onPageFinished(view, url)

            enableDisableNavigationButtons()
        }
    }

}

private fun handlePullToRefresh() {

}

private fun setWebClient() {
    web_view_webview?.webChromeClient = object : WebChromeClient() {
        override fun onProgressChanged(view: WebView?, newProgress: Int) {
            Logger.d(TAG, "newProgress: $newProgress")

            enableDisableNavigationButtons()
        }
    }
}

private fun loadUrl(pageUrl: URL) {
    web_view_webview?.loadUrl(pageUrl.toString())
}

private fun enableDisableNavigationButtons() {
    web_view_back_button?.isEnabled = web_view_webview.canGoBack()
    web_view_forward_button?.isEnabled = web_view_webview.canGoForward()
}

companion object {
    private val TAG: String = WebViewActivity::class.java.simpleName
}
}

```

**data class WebViewActivityParameters(val title: String, val url: URL): Serializable**

crashes the running ap like that:

```

04/21 16:28:17: Launching 'app' on Pixel XL API 23 x86.
$ adb shell am start -n "com.bloxter.bloxterid/com.bloxter.bloxterid.activity.SplashActivity" -a android.intent.action.MAIN -c android.intent.category.LA
Waiting for application to come online: com.bloxter.bloxterid.test | com.bloxter.bloxterid
Connecting to com.bloxter.bloxterid
Connected to the target VM, address: 'localhost:8898', transport: 'socket'
Capturing and displaying logcat messages from application. This behavior can be disabled in the "Logcat output" section of the "Debugger" settings page.
W/ActivityThread: Application com.bloxter.bloxterid is waiting for the debugger on port 8100...
I/System.out: Sending WAIT chunk
I/art: Debugger is active
I/System.out: Debugger has connected
    waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: waiting for debugger to settle...
I/System.out: debugger has settled (1426)
W/art: Before Android 4.1, method android.graphics.PorterDuffColorFilter androidx.vectordrawable.graphics.drawable.VectorDrawableCompat.updateTintFilter(android
I/art: Rejecting re-init on previously-failed class java.lang.Class<androidx.core.view.ViewCompat$2>
    Rejecting re-init on previously-failed class java.lang.Class<androidx.core.view.ViewCompat$2>
D/OpenGLRenderer: Use EGL_SWAP_BEHAVIOR_PRESERVED: true
D/: HostConnection::get() New Host Connection established 0xaff8d680, tid 3664
D/: HostConnection::get() New Host Connection established 0xaff8da80, tid 3708
I/OpenGLRenderer: Initialized EGL, version 1.4
W/OpenGLRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
D/EGL_emulation: eglCreateContext: 0xae554720: maj 3 min 0 rcv 3
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
E/eglCodecCommon: glUtilsParamSize: unknow param 0x00008cdf

```

```

glUtilsParamSize: unknow param 0x00008824
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/AuthManager DEBUG(BLOXXTER):: AuthManager.isTokenValid(): Logger.d(): token is valid until: Tue Apr 21 16:32:13 GMT+02:00 2020
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
E/Surface: getSlotFromBufferLocked: unknown buffer: 0xae6020a0
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
I/WebViewFactory: Loading com.android.webview version 44.0.2403.119 (code 246011910)
W/System: ClassLoader referenced unknown path: /system/app/webview/lib/x86
I/LibraryLoader: Time to load native libraries: 2 ms (timestamps 3151-3153)
    Expected native library version number "",actual native library version number ""
V/WebViewChromiumFactoryProvider: Binding Chromium to main looper Looper (main, tid 1) {7b5b9a8}
I/LibraryLoader: Expected native library version number "",actual native library version number ""
I/chromium: [INFO:library_loader_hooks.cc(120)] Chromium logging enabled: level = 0, default verbosity = 0
I/BrowserStartupController: Initializing chromium process, singleProcess=true
W/art: Attempt to remove non-JNI local reference, dumping thread
E/SysUtils: ApplicationContext is null in ApplicationStatus
W/chromium: [WARNING:resource_bundle.cc(285)] locale_file_path.empty()
E/libEGL: validate_display:255 error 3008 (EGL_BAD_DISPLAY)
    validate_display:255 error 3008 (EGL_BAD_DISPLAY)
D/EGL_emulation: eglCreateContext: 0x9fe695e0: maj 3 min 0 rcv 3
    eglMakeCurrent: 0x9fe695e0: ver 3 0 (tinfo 0xaaad4800)
E/eglCodecCommon: glUtilsParamSize: unknow param 0x00008cdf
    glUtilsParamSize: unknow param 0x00008824
W/AudioManagerAndroid: Requires BLUETOOTH permission
E/DataReductionProxySettingListener: No DRP key due to exception:java.lang.ClassNotFoundException: com.android.webview.chromium.Drp
W/art: Attempt to remove non-JNI local reference, dumping thread
W/AwContents: onDetachedFromWindow called when already detached. Ignoring
W/chromium: [WARNING:data_reduction_proxy_config.cc(423)] SPDY proxy OFF at startup
D/WebViewActivity DEBUG(BLOXXTER):: WebViewActivity$setWebClient$1.onProgressChanged(): Logger.d(): newProgress: 10
D/: HostConnection::get() New Host Connection established 0xa9f82240, tid 3738
D/EGL_emulation: eglCreateContext: 0x9d12e300: maj 3 min 0 rcv 3
D/EGL_emulation: eglMakeCurrent: 0x9d12e300: ver 3 0 (tinfo 0xa9fbf690)
E/eglCodecCommon: glUtilsParamSize: unknow param 0x00008cdf
    glUtilsParamSize: unknow param 0x00008824
E/eglCodecCommon: glUtilsParamSize: unknow param 0x00008073
D/EGL_emulation: eglMakeCurrent: 0xae554720: ver 3 0 (tinfo 0xae552700)
D/EGL_emulation: eglCreateContext: 0x9d12e8a0: maj 3 min 0 rcv 3
    eglMakeCurrent: 0x9d12e8a0: ver 3 0 (tinfo 0xa9fbf690)
E/eglCodecCommon: glUtilsParamSize: unknow param 0x00008cdf
    glUtilsParamSize: unknow param 0x00008824
W/BindingManager: Cannot call determinedVisibility() - never saw a connection for the pid: 3664
I/chromium: [INFO:CONSOLE(1)] "The key "shrink-to-fit" is not recognized and ignored.", source: https://bloxxter.com/en/discover (1)
E/Surface: getSlotFromBufferLocked: unknown buffer: 0xae602320
D/WebViewActivity DEBUG(BLOXXTER):: WebViewActivity$setWebClient$1.onProgressChanged(): Logger.d(): newProgress: 10
D/MediaResourceGetter: no ethernet/wifi connection detected
W/MediaResourceGetter: non-file URI can't be read due to unsuitable network conditions
E/MediaResourceGetter: Unable to configure metadata extractor
D/WebViewActivity DEBUG(BLOXXTER):: WebViewActivity$setWebClient$1.onProgressChanged(): Logger.d(): newProgress: 49
D/EGL_emulation: eglMakeCurrent: 0x9d12e300: ver 3 0 (tinfo 0xa9fbf690)
D/EGL_emulation: eglMakeCurrent: 0x9d12e8a0: ver 3 0 (tinfo 0xa9fbf690)
D/EGL_emulation: eglMakeCurrent: 0x9d12e300: ver 3 0 (tinfo 0xa9fbf690)
W/ResourceType: No known package when getting value for resource number 0x02020008
D/AndroidRuntime: Shutting down VM
E/AndroidRuntime: FATAL EXCEPTION: main
    Process: com.bloxxter.bloxxterid, PID: 3664
    java.lang.NullPointerException: Attempt to invoke virtual method 'int android.graphics.Bitmap.getWidth()' on a null object reference
        at com.android.webview.chromium.WebViewContentsClientAdapter.getDefaultVideoPoster(WebViewContentsClientAdapter.java:1208)
        at org.chromium.android_webview.DefaultVideoPosterRequestHandler$1.run(DefaultVideoPosterRequestHandler.java:39)
        at android.os.Handler.handleCallback(Handler.java:739)
        at android.os.Handler.dispatchMessage(Handler.java:95)
        at android.os.Looper.loop(Looper.java:148)
        at android.app.ActivityThread.main(ActivityThread.java:5417)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:726)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:616)
I/Process: Sending signal. PID: 3664 SIG: 9
Disconnected from the target VM, address: 'localhost:8898', transport: 'socket'

```

Emulator version: 30.0.5-630647 (HVF 10.15.0)

Android version: 6.0 (Marshmallow) - API 23

AVD configuration: Pixel\_XL\_API\_23\_x86

Host machine: Mac OS X 10.15.4





Links (2)

"loading <https://bloxxter.com/en/discover> in a web view activity like this:"  
"...w. the same holds true for <https://invest-prev.bloxxter.com/en/dashboard/portfolio> , where the web page loads fine inside a Huawei Honor PLK L01 with Android 6.0 on it but doesn't load in the emulator."


COMMENTS

 **la...@gmail.com** <la...@gmail.com> [#2](#)

The code in question runs flawlessly on a real device like HUAWEI PLK-L01 but crashes in the Emulator – not in my code!

-  **154578201.txt**  
977 KB [View](#) [Download](#)
-  **avd\_details.txt**  
1.2 KB [View](#) [Download](#)
-  **bugreport.txt**  
6.8 MB [View](#) [Download](#)
-  **repro\_steps.txt**  
2 KB [View](#) [Download](#)

 **ju...@google.com** <ju...@google.com>  
*Assigned to an...@google.com.*

 **If...@google.com** <If...@google.com> [#3](#)  
*Reassigned to If...@google.com.*

Looks like there is a network connectino issue:








```
I/chromium: [INFO:CONSOLE(1)] "The key "shrink-to-fit" is not recognized and ignored.", source: https://bloxxter.com/en/discover (1)
E/Surface: getSlotFromBufferLocked: unknown buffer: 0xae602320
D/WebViewActivity DEBUG(BLOXXTER):: WebViewActivity$setWebClient$1.onProgressChanged(): Logger.d(): newProgress: 10
D/MediaResourceGetter: no ethernet/wifi connection detected
W/MediaResourceGetter: non-file URI can't be read due to unsuitable network conditions
E/MediaResourceGetter: Unable to configure metadata extractor
D/WebViewActivity DEBUG(BLOXXTER):: WebViewActivity$setWebClient$1.onProgressChanged(): Logger.d(): newProgress: 49
D/EGL_emulation: eglMakeCurrent: 0x9d12e300: ver 3 0 (tinfo 0xa9fbf690)
D/EGL_emulation: eglMakeCurrent: 0x9d12e8a0: ver 3 0 (tinfo 0xa9fbf690)
D/EGL_emulation: eglMakeCurrent: 0x9d12e300: ver 3 0 (tinfo 0xa9fbf690)
W/ResourceType: No known package when getting value for resource number 0x02020008
```

Can you try cold booting the emulator and checking if the same webpage works in the webview / chrome install there? Does this happen on later API levels?

Message last modified on Jul 30, 2020 04:08AM

 **la...@gmail.com** <la...@gmail.com> [#4](#)

Hi,  
I did a cold boot of discussed emulator "Pixel XL API 23 x86" and checked if the web page works in the browser. The browser was simply called "Browser" on that version, so no chrome yet.  
When trying to load that webpage <https://bloxxter.com/en/discover> it flashed it contents for the split of a second, too short to take a screenshot. After that that page went white. See attache  
I then tried Pixel XL API 29 and it worked. See screenshots again. After that I tried Pixel XL API 24 and it worked too.  
One question: Isn't that something you could have tried yourself? What is stopping you from trying to reproducing the issue?

-  **Logcat.Pixel XL API 23 x86.txt.zip**  
114 KB [Download](#)
-  **Pixel XL API 23 x86.0.png**  
700 KB [View](#) [Download](#)
-  **Pixel XL API 23 x86.1.png**  
651 KB [View](#) [Download](#)
-  **Pixel XL API 24.0.png**  
744 KB [View](#) [Download](#)
-  **Pixel XL API 24.1.png**  
1.3 MB [View](#) [Download](#)
-  **Pixel XL API 29.0.png**  
747 KB [View](#) [Download](#)
-  **Pixel XL API 29.1.png**  
1.3 MB [View](#) [Download](#)



la...@gmail.com <la...@gmail.com> [#5](#)

Btw. the same holds true for <https://invest-prev.bloxxter.com/en/dashboard/portfolio> , where the web page loads fine inside a Huawei Honor PLK L01 with Android 6.0 on it but doesn't load i



**Huawei-PLK-L01-Screenshot\_2020-07-30-11-49-34.png**

86 KB   [View](#)   [Download](#)



**Pixel XL API 23 x86.2.png**

645 KB   [View](#)   [Download](#)



**Pixel XL API 24.2.png**

702 KB   [View](#)   [Download](#)



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Status: New