

Podcast Episode #126: We chat GitHub Actions, fake boyfriends apps, and the dangers of legacy code. ✕

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Huawei, logcat not showing the log for my app?

Asked 6 years, 2 months ago Active 2 months ago Viewed 69k times



158

OK, logcat is showing system logs but it is not showing application log on my Huawei Ascend. If I switch to another device such as my Galaxy Nexus or Nexus 7 then for the same app (same APK even) log is displayed.



72

The Huawei Ascend is running Android 4.1.1, it has USB debugging switched on in developer options. This occurs for logcat run from either the command line or from IntelliJ. And I'm making sure that the correct device is selected - in fact I'm only plugging a single device in at a time. I've tried restarting adb, clearing it's buffer etc

I can see that the app is starting on the Huawei, I even get system logs showing that the Activity has started. But unlike on the other devices I get no app log in the Activity#onCreate (or from anywhere else).

```
08-08 20:55:44.050: INFO/WindowManager(431): Switching to real app window:
Window{41ae8780
au.com.xandar.wirelesstiming.timekeeper/au.com.xandar.wirelesstiming.timekeeper.TimeKeeper
  paused=false}
08-08 20:55:44.180: INFO/ActivityManager(431): Displayed
au.com.xandar.wirelesstiming.timekeeper/.TimeKeeperActivity: +387ms
```

How can the application log not be getting delivered?

[android](#) [android-studio](#) [adb](#) [logcat](#) [android-logcat](#)

edited Sep 8 '16 at 6:03



[piotrek1543](#)

16k ● 5 ● 59 ● 80

asked Aug 8 '13 at 11:00



[William](#)

17.3k ● 7 ● 40 ● 83

Maybe you've applied a certain filter in the LogCat output - go check it out. – [g00dy](#) Aug 8 '13 at 11:01

1 Nope, no filters. – [William](#) Aug 8 '13 at 11:19

Possible duplicate of [Why doesn't logcat show anything in my Android?](#) – [user1544337](#) Jan 27 '17 at 13:49

@CamilStaps because this problem is specific to Huawei phones. – [William](#) Jan 27 '17 at 23:18

That doesn't really matter, the point is that it has been answered elsewhere already. – [user1544337](#) Jan 28 '17 at 7:14

8 Answers



454



OK, since I had another Huawei Ascend I ran into the same problem. This time I have the exact answer. Follow these instructions (from denispvr's answer on [Why doesn't logcat show anything in my Android?](#))

Dial

```
***#2846579#***
```

and you will see a hidden menu. Go to the Project Menu > Background Setting > Log setting and define the log availability (log switch) and level (log level setting).

And then make sure you restart your phone.

Please note this probably only applies to Huawei phones.

Also note that if you're *on a Huawei tablet* (e.g. MediaPad M3), instead of dialing, you launch the **Huawei Calculator** in landscape and enter `()()2846579()()`.

edited Feb 5 '18 at 5:20



copolii

9,820 ● 8 ● 43 ● 72

answered Aug 23 '13 at 5:06



William

17.3k ● 7 ● 40 ● 83

- 51 Works on the Honor 7 too, but the settings seem to be different. From my short testing session I think it works roughly like this: **AP Log**: Enable app logging in general, **CP Log**: Enable debug and verbose messages. Restart doesn't seem to be necessary. – [TBieniek](#) Sep 22 '15 at 10:34
- 5 Great! Works on Huawei Honor 7 as well – [rwojcik](#) Dec 7 '15 at 8:46
- 6 Great, works on Huawei P9 Lite, even without restart. – [Jan X Marek](#) Aug 18 '16 at 10:44
- 54 WHY THE HELL did Huawei think this is a good idea????? – [Aenadon](#) Jan 15 '17 at 12:19
- 13 No need to reboot .. actually rebooting reset that settings .. on P9 lite. +1 – [Maher Abuthraa](#) Aug 17 '17 at 9:53



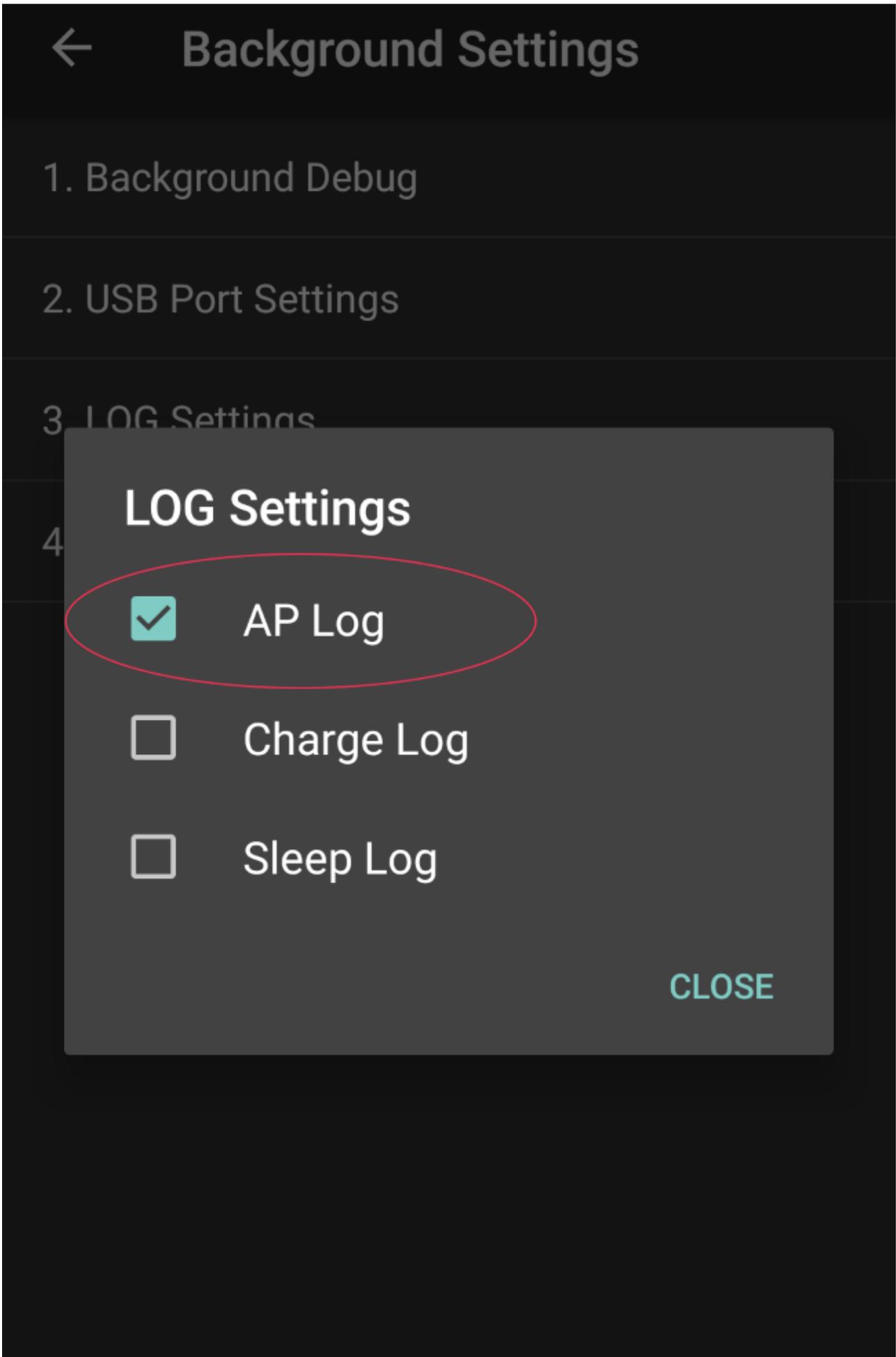
22

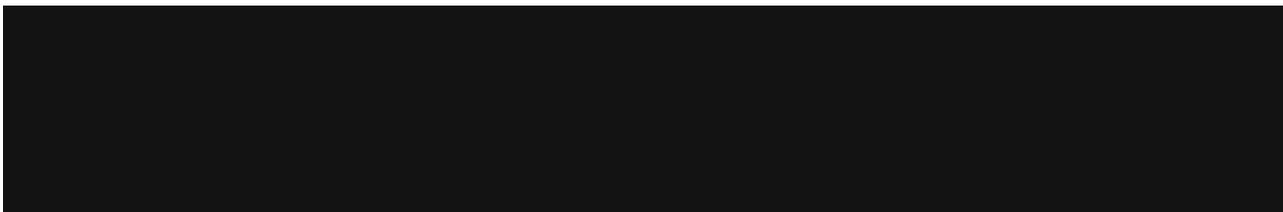


For Huawei with Android 8.0+

we must dial the code: `***#2846579#***`

and selecting the option **AP Log** will be enough to display the messages in the LogCat.





answered Jun 29 '18 at 23:49

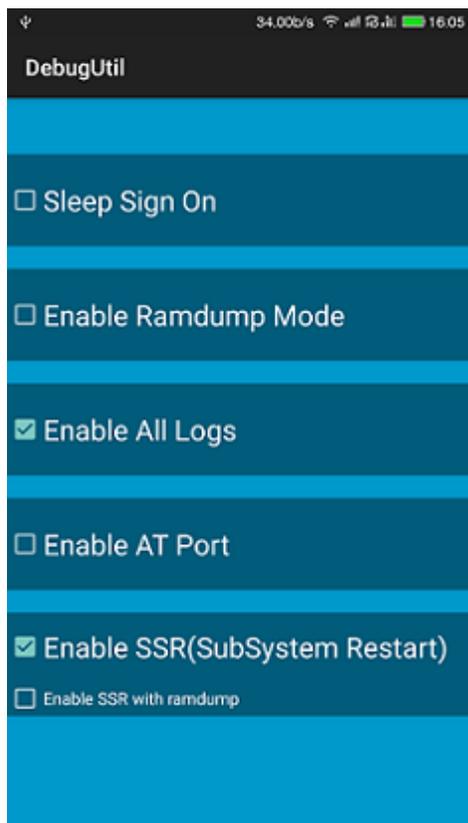
 **Jorgesys**
102k ● 16 ● 264 ● 231



If any one having **Letv Phone (LeEco Le Max 2 or 1)** above solution won't work. Try the below USSD. Fig.1 for reference.

Press Dialer `***#76937#***`

Select "Enable All Logs"



answered May 16 '17 at 10:44

 **nitesh**
3,832 ● 2 ● 23 ● 40

This does not work on the **Huawei ECO** phone. Any tips? Model #: **LUA-L23** – [charlesfranciscoddev](#) May 16 '17 at 14:11

@charlesfranciscoddev have you tried `***2846579#**`. As mentioned in above answer – [nitesh](#) May 16 '17 at 14:59

yes but i don't see any option to enable logcat – [charlesfranciscoddev](#) May 16 '17 at 23:28

Thanks. Working with LeECO x527 – [Aleksey_M](#) Jul 13 '17 at 11:43

Thanks a lot man !! Working on my Le Eco 2 ! :D – [Saurabh Padwekar](#) May 6 '18 at 7:43 

I gave up.

4

```
Log.d(TAG, msg);
```

Try this.

```
Log.wtf(TAG, msg);
```

work for me.

edited Aug 26 at 20:54

answered May 22 '17 at 7:23



[Ego Slayer](#)

1,030 ● 2 ● 14 ● 15

Thanks this worked for me on the **Huawei ECO** phone! – [charlesfranciscoddev](#) May 22 '17 at 16:30

`Log.wtf()` is designed to a totally unexpected state. It is akin to `SEVERE`. It is certainly not `DEBUG` – [William](#) May 23 '17 at 3:01

1 Xd i think `Log.e()/Log.w()/Log.i()` work very nice too. – [Fortran](#) Nov 2 '17 at 12:41

I have a **HUAWEI Y3 II** aka **LUA-L21**.

3

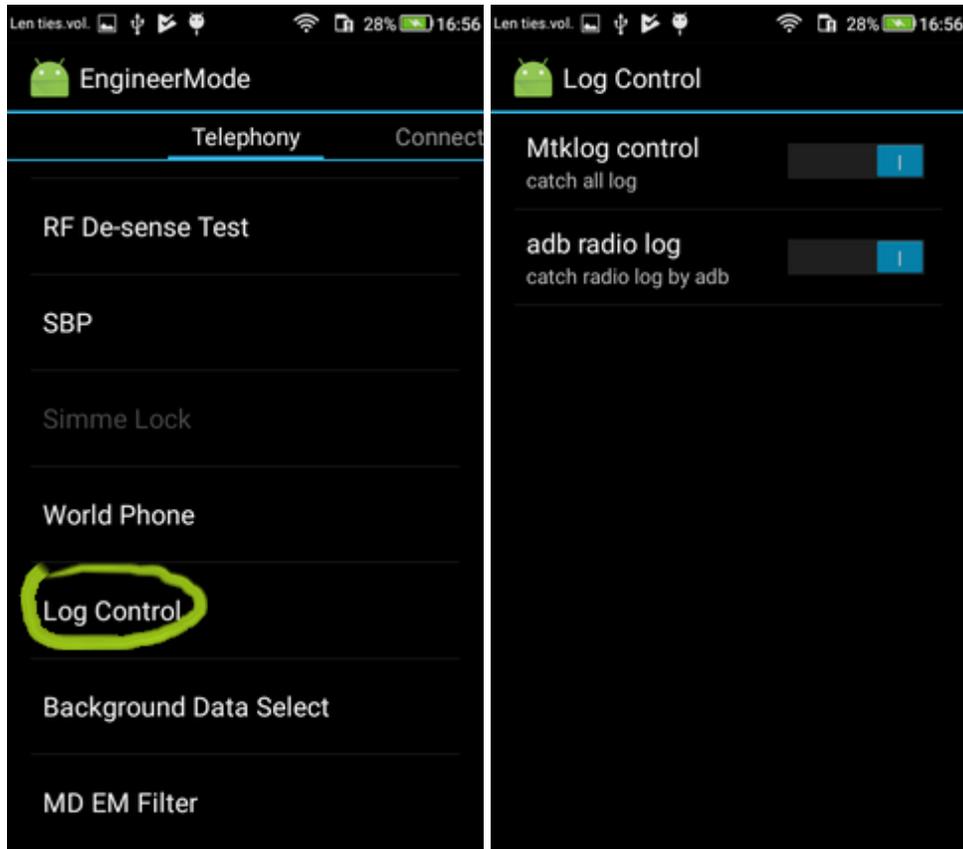
The **accepted answer didn't work for me**. It led to some *MTKLogger* settings screen, which is different than described in the answer, and didn't help at all.

My solution

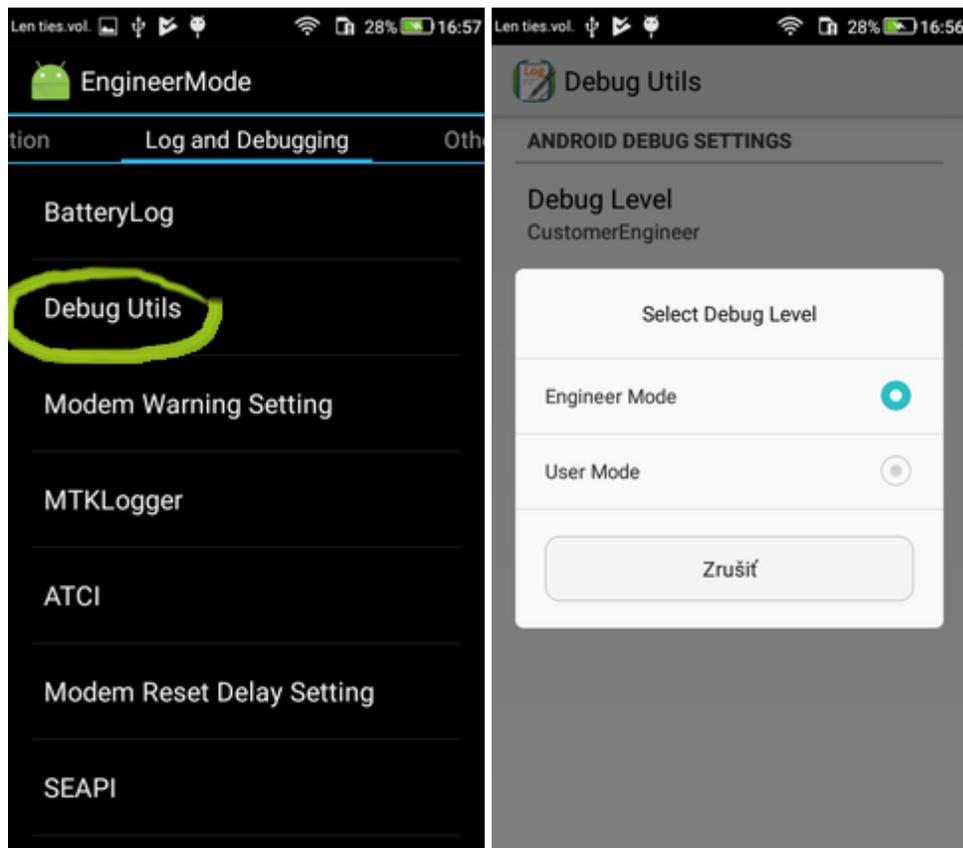
1. Dial `***#2846580#***` (please note this code is different from the one in the accepted answer)
2. You just entered a settings screen called *EngineerMode* (again, different from accepted answer's *ProjectMenu*)
3. In the first *Telephony* tab, click the *Log Control* item
4. **Activate both switches** (set *Mtklog control* to *catch all log* and *adb radio log* to *catch radio log by adb*)
5. Back in the previous screen, swipe to the *Log and Debugging* tab
6. Open *Debug Utils*
7. Change *Debug Level* from *User Mode* to **Engineer Mode**
8. For good measure, **restart your phone**

Screens

Changing *Log control*



Changing *Debug utils*



Additional notes

Just to clarify my original problem; logcat was showing **some** of my app's log entries, just **not my own messages** - I saw entries belonging to my process `com.example.myapp`, but never anything I was printing out myself, in my code, using `Log.d("TAG", "hello world");`

There was plenty of stuff like this:

```
4260-4270/com.example.myapp I/art: Debugger is no longer active
4260-4412/com.example.myapp I/System.out: [CDS]rx timeout:1
4260-4412/com.example.myapp D/NativeCrypto: doing handshake ++
4260-4603/com.example.myapp D/OpenGLESRenderer: Flushing caches (mode 0)
4260-4603/com.example.myapp D/Surface: Surface::disconnect(this=0xb85285d8,api=1)
4260-4260/com.example.myapp D/ActivityThread: ACT-STOP_ACTIVITY_HIDE handled : 0 /
android.os.BinderProxy@2333cbdf
```

...but never anything like this:

```
4260-4603/com.example.myapp D/MainActivity: hello from onCreate!
```

The above steps solved the issue for me.

edited Sep 19 '17 at 19:06

answered Sep 18 '17 at 15:08



oli.G

689 ● 1 ● 10 ● 21

For Huawei CRO-L22 and some other Huawei with MTK works code for engineer mode `###14789632##` –
[Dmytro Turkov](#) May 20 at 9:00

Open your **Dialer** app **and** enter the following code: *****#2846579*****.

1

- 1-Enter the **Background Settings** page.
- 2-Click on **"Log Settings"**
- 3-Check all 3 options to enable full logging.
- 4-Ignore the **"will affect performance"** warning.
- 5-**Reboot** the phone.

answered May 19 at 19:16



Null Pointer Exception

980 ● 5 ● 8

Try this:

0

In Eclipse editor:

Reset adb from windows-->devices and then try again ...

please check your project is highlighted with green color (simply select your projct name)

answered Aug 8 '13 at 11:16



mananjani

181 ● 5

- 1 As I said above, I'm using logcat from either command line or IntelliJ. I don't use Eclipse. And second, as I also said above I have already tried resetting adb (multiple times). – [William](#) Aug 8 '13 at 11:20

Try downloading a Logcat app(eg aLogCat) on your device itself and see if you are having the same problem. I know its not a complete solution, but this way you may be able to figure out whats going wrong by reading the application logs.

0

answered Aug 8 '13 at 11:20



nette

350 ● 2 ● 5 ● 22

I've used it on 4.1.1 and seems to work for me – [nette](#) Aug 8 '13 at 11:25

- 1 This does not work on 4.x.x and above for system logs, only for the concrete application logs with `READ_LOGS` permission set - code.google.com/p/alogcat/issues/detail?id=41. – [g00dy](#) Aug 8 '13 at 11:31

protected by [Community](#) ♦ Jul 5 '18 at 15:32

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