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thread: [\[team d.i.r.t\] how to properly de/recompile apks on all android versions!](#)

evol4g

5th July 2012, 01:08 AM (Last edited by evol4g; 17th September 2012 at 03:55 AM.)

#1



Senior Member - OP

Thanks Meter 716

Posts: 1,288

Join Date: Mar 2012

Location: chandler-gilbert 480!!!

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[\[team d.i.r.t\] how to properly de/recompile apks on all android versions!](#)

There is now a new person taking over the apktool project, his name is **ibotpeaches**. His apktool works with every android version up to date.. This thread will now be a basic guide on how to use apktool 😊

iBotPeaches' APKTOOL THREAD

What I do is create a folder to work in and call it for example:
Code:

c:\apktools

1) Take the apktool.jar from ibot's OP and the modded aapt he provided and place them in the folder.

2) You will need to pull the framework-res.apk from the rom you are working on. Copy it to c:\apktools.

4) Open a command window and navigate to your apktool folder
cd c:\apktools

5) We now need to install the framework and type the following:
java -jar apktool.jar if framework-res.apk

If you are decompiling any framework other than AOSP ie: sense, touchwiz, ect you will have to install the framework and systemui.apk for them as well, ie: for miui it's framework-miui-res.apk

You only need to do this once, unless you are working on a different Rom, then you will need to copy the framework-res.apk from that Rom and run the above command again.

6) We can now decompile framework-res with apktool
java -jar apktool.jar d framework-res.apk (here you can add the folder you'd like to have your extracted apk save to)
it will create a folder by the name of the .apk or .jar by default but say you wanted it just to go to a folder called "frameres" (just to be a lil more convenient while typing your command would look like this
java -jar apktool.jar d framework-res.apk frameres

the d option stands for decompile and you will now see a folder under c:\apktools\frameres (in my case, yours will be whatever your output folder's name is). Here is all the output and can make any changes you want, and then can recompile. I would test to make sure you can recompile before making a lot of changes though.

6) We will now compile framework-res.apk

java -jar apktool.jar b frameres NEWframework-res.apk

I always put something different in the new apk name for instance i always put NEWapk.apk some people use numbers like apk1.apk ect.. whatever you feel is comfortable for you.. But once you enter the command it will take a few minutes and it should complete without any errors.

7) Once it is done compiling you will need to go to c:\apktools\ and you will now see your new framework-res.apk in my case titled "NEWframework-res.apk"

IMPORTANT LAST STEP

Once you recompile the apk you're going to wanna use 7-zip to open both the original UNMODDED apk and the newly compiled apk you wanna copy the META-INF folder and the AndroidManifest.xml from the **ORIGINAL** into the NEWLY compiled apk otherwise your apk won't work

Just remember to copy any apk you want to decompile right into the root of c:\apktools, run the decompile command and it will create a folder of the output that has the same of the apk file.



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