



## View Single Post

thread: [\[HOW-TO\] Decompile ICS apk and jar files MANUALLY](#)
[PureMotive](#)

26th June 2012, 05:04 AM (Last edited by PureMotive; 8th July 2012 at 09:11 AM.)

[Twitter](#) [Facebook](#) #1

Recognized Developer -  
[OP](#)

Thanks Meter **782**

Posts: **616**  
Join Date: **Oct 2010**  
Location:

[MORE INFO](#)
[DONATE TO ME](#)

### [HOW-TO] Decompile ICS apk and jar files MANUALLY

With the number of ICS ROMs that are popping out, I imagine the majority of people are spending their time on ICS rather than Gingerbread or Froyo. With that in mind, here's a little guide on how to decompile ICS .apk and .jar files (such as the troublesome SystemUI.apk) with ease so that you can mod them to your heart's content. I assume this method will work for other versions of Android as well.

**NOTE:** We will **NOT** be using ApkTool, Apk Manager, or StudioAndroid to do this. Mainly because I have had trouble in the past using those applications to decompile certain files. So, here is an ALL MANUAL way.

#### What you need:

- Deodexed .apk/.jar file
- smali.jar
- baksmali.jar
- 7zip or Betterzip (whether you are on Mac, Linux, or Windows)
- terminal/cmd (depending on what you're running)

You can get the smali.jar and baksmali.jar files from here: <http://code.google.com/p/smali/downloads/list>

Download these files:

Code:

```
baksmali-1.3.3.jar
smali-1.3.3.jar
```

and rename them to:

Code:

```
baksmali.jar
```

```
smali.jar
```

Now that you have both files, place them somewhere you'll remember (like a folder on your Desktop). For the purposes of this guide, my files will be in .../Desktop/ICS

Ready? Okay, here we go.

1. Open up your desired ICS .apk or .jar file with 7zip or Betterzip and extract the **classes.dex** and move it into the directory where you have baksmali.jar and smali.jar (For example, I move the classes.dex file to .../Desktop/ICS)
2. Open up terminal or cmd
3. cd to your directory  
Example:

Code:

```
cd .../Desktop/ICS
```

4. Type the following:

Code:

```
java -jar baksmali.jar -o classout/ classes.dex
```

This will decompile the classes.dex file and create a folder inside .../Desktop/ICS called **classout** where all of your smali files will be located.

5. Go into the classout folder and make your smali edits
6. Compile your classout folder into **new-classes.dex** by typing this into terminal:

Code:

```
java -Xmx512M -jar smali.jar classout/ -o new-classes.dex
```

7. Rename new-classes.dex to classes.dex
8. Take your newly compiled classes.dex and put it into your ICS .apk or .jar using 7zip or Betterzip
9. Profit

Have fun 🤖



warmROMS

Team Member

#### Devices

Samsung Galaxy SIII (SCH-I535) - Nx

HTC Droid Incredible - Jellybean

#### Projects

Samsung Galaxy SIII (SCH-I535) - Sense 4 | Galaxy Note 2 port

[How to edit ICS apk and jar files](#) | [Repair your IMEI with QPST](#) | [Unbrick your Galaxy S III](#)

The Following 16 Users Say Thank You to PureMotive For This Useful Post: [ [Click to Expand](#) ]



## xda developers

XDA Developers was founded by developers, for developers. It is now a valuable resource for people who want to make the most of their mobile devices, from customizing the look and feel to adding new functionality. [Are you a developer?](#)

-- XDA 2013 Beta

### DOWNLOAD THE XDA ANDROID APP

Get the XDA forums on your Android Device.



### MORE INFO

[Contact Us](#)  
[Suggest Content](#)  
[Privacy Policy](#)  
[RSS](#)

### BE SOCIAL



Copyright© xda-developers.  
 Powered by [Searchlight](#) © 2012 Axivo Inc.

Network and Find Jobs on Facebook with **BeKnown.** from **monster** [Start Now](#) Interest Based [Ad](#)



► [Regulatory Publ...](#)  
 CSC is a leading global consulting, systems i...  
**PARSIPPANY, NJ**

► [Senior Manager-...](#)  
 Our CRM Strategy team memb...  
**Cognizant Techno...**

► [Website Content...](#)  
 The person in this positio...  
**Prudential**  
**Newark, NJ**